



KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641 021, Tamil Nadu, India.

Phone : 0422 - 2980011 - 14 | Fax : 0422 - 2980022 | Email : info@kahedu.edu.in

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Prof.Dr.M. Palaniswamy, M.Sc., M.Phil., PhD.

Registrar

Ref.KAHE/R/NAAC/DVV/2021/

05.05.2021

Certificate of Authentication

This is to certify that the following documents related to the **Metric ID: 3.4.5** (68 Pages) are duly verified and authenticated by the Registrar, Karpagam Academy of Higher Education for DVV purpose.



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05/05/2021

Registrar

REGISTRAR

Karpagam Academy of Higher Education
(Deemed to be University Under Section 3 of UGC Act 1956)
Pollachi Main Road, Eachanari Post,
Coimbatore - 641 021.

3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years (15)						
3.4.5.1: Number of research papers in the Journals notified on UGC website during the last five years						
Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN Number	Link to the recognition in UGC enlistment of the Journal
Screening chemical inhibitors for alpha-amylase from leaves extracts of <i>Murraya koenigii</i> (Linn.) and <i>Aegle marmelos</i> L.	Sangilimuthu A.Y., Sivaraman T., Chandrasekaran R., Sundaram K.M., Ekambaram G.	Department of Biotechnology	Journal of Complementary and Integrative Medicine	2020	15533840	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089747169&doi=10.1515%2Ficim-2019-0345&partnerID=40&md5=47980d95ec56d51ae96877ac269bd51
Synthesis and conformational study of some N-nitroso-(3)-benzyl-r(2),c(6)-bis(aryl)piperidin-4-one oximes using NMR spectra	Thangamani A.	Department of Chemistry	Journal of Molecular Structure	2020	222860	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087757702&doi=10.1016%2Fmolstruc.2020.128810&partnerID=40&md5=37c99c10d55d0c87efc434c75ed9765
Ensemble of multi objective optimizer with pareto frontier solutions for feature selection in large- scale microarray rule datasets	Sathya M., Priya S.M.	Department of Computer Science	Journal of Green Engineering	2020	19044720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099125942&partnerID=40&md5=9fc5073b5f307bff8eb122a03af2338
Impedance analysis of zirconium-doped lithium manganese oxide	Vedhanayagam S.M., Saminathan S., Janarthanan B., Chandrasekaran J.	Department of Physics	Bulletin of Materials Science	2020	2504707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095866113&doi=10.1007%2Fs12034-020-02257-6&partnerID=40&md5=de527e7c1741a2e3bf0ed653e6f355cf
Investigation on optical, laser damage threshold and non linear optical behavior of creatininium p-toluenesulfonate crystal for electro-optical applications	Thayanithi V., Praveen Kumar P.	Department of Physics	Journal of Materials Science: Materials in Electronics	2020	9574522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094659618&doi=10.1007%2Fs10854-020-04712-w&partnerID=40&md5=73a4ef4f6ac3bdd67f3192cf6d45f5bc
Biogenic nanoparticles: a comprehensive perspective in synthesis, characterization, application and its challenges	Patil S., Chandrasekaran R.	Department of Microbiology	Journal of Genetic Engineering and Biotechnology	2020	1687157X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094146379&doi=10.1007%2Fs10094-020-00081-3&partnerID=40&md5=7c2e18b8d7ebab8a8a0dd950c60e09b6
A decentralized scalable security framework for end-to-end authentication of future IoT communication	Sheron P.S.F., Sridhar K.P., Baskar S., Shakeel P.M.	Department of Electronics and Communication Engineering	Transactions on Emerging Telecommunications Technologies	2020	21615748	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075741029&doi=10.1007%2Flett.3815&partnerID=40&md5=af409a50543c1f54607f91c310671cf
Influence of Ca ²⁺ Ion Substitution on Structural, Morphological, Optical, Thermal and Magnetic Behaviour of Mg _{1-x} Ca _x Fe ₂ O ₄ (0 ≤ x ≤ 0.5) Spinel	Baskar S., Yuvaraj S., Sundararajan M., Sekhar Dash C.	Department of Physics	Journal of Superconductivity and Novel Magnetism	2020	15571939	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090308137&doi=10.1007%2Fs10948-020-05665-1&partnerID=40&md5=615242a520e7723d62e7818138ba25ee
Graph based event measurement for analyzing distributed anomalies in sensor networks	Sherubha P., Sasirekha S.P., Manikandan V., Gowis K., Mohanasundaram N.	Department of Computer Science and Engineering	Sadhana - Academy Proceedings in Engineering Sciences	2020	2562499	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089982400&doi=10.1007%2Fs12046-020-01451-w&partnerID=40&md5=4d86bf73ad384f4de80b099331cdfc
LAMSTAR: For IoT-based face recognition system to manage the safety factor in smart cities	Medapati P.K., Tejo Murthy P.H.S., Sridhar K.P.	Department of Electronics and Communication Engineering	Transactions on Emerging Telecommunications Technologies	2020	21615748	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076721176&doi=10.1002%2Flett.3843&partnerID=40&md5=011091df0a7b537e2a3729050096e26
Endothelial progenitor/stem cells in engineered vessels for vascular transplantation	Muniswami D.M., Reddy L.V.K., Amirtham S.M., Babu S., Raj A.N., Sen D., Manivasagam G.	Department of Microbiology	Journal of Materials Science: Materials in Medicine	2020	9574530	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096881618&doi=10.1007%2Fs10856-020-06458-7&partnerID=40&md5=a677269e5ffc146a7c49d7dc6963767
Magnetic, electrical and gas sensing properties of poly(o-phenylenediamine)/MnCoFe ₂ O ₄ nanocomposites	Kannapiran N., Muthusamy A., Renganathan B., Ganesan A.R., Meena S.S.	Department of Chemistry	Applied Physics A: Materials Science and Processing	2020	9478396	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096840264&doi=10.1007%2Fs00339-020-04138-5&partnerID=40&md5=cf547a758e75144b70035617cc41eabdf
TiO ₂ -SO ₄ 2 ²⁻ : A recyclable heterogeneous catalyst for the microwave-mediated synthesis of benzylamino coumarin derivatives in water	Geetha S., Thangamani A., Valliappan R., Vedanayaki S., Ganapathi A.	Department of Chemistry	Chemical Data Collections	2020	24058300	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096709620&doi=10.1016%2Fcdc.2020.100589&partnerID=40&md5=90364a423451897f9476a61df05c9608
Sulfated titania (TiO ₂ -SO ₄ 2 ²⁻) as an efficient and reusable solid acid catalyst for the multi-component synthesis of highly functionalized piperidines	Geetha S., Thangamani A., Valliappan R., Vedanayaki S., Ganapathi A.	Department of Chemistry	Chemical Data Collections	2020	24058300	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093675286&doi=10.1016%2Fcdc.2020.100565&partnerID=40&md5=fabb077face000f61b5f255f23d384
Aqueous two-phase partitioning and characterization of xylanase produced by <i>Streptomyces geyseriensis</i> from low cost lignocellulosic substrates	Poornima S., Divya P., Karmegam N., Karthik V., Subbiah R.	Department of Biotechnology	Journal of Bioscience and Bioengineering	2020	13891723	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099134340&doi=10.1016%2Fj.jbiosc.2020.07.008&partnerID=40&md5=3b0712edde9c9eb54da5e34112d6d9f6
Synthesis, characterizations and quantum chemical calculations of the spinel structure of Fe ₃ O ₄ nanoparticles	Rajeev Gandhi C., Bharanidharan S., Savithiri S., Guganathan L., Sugumar P., Sathiyamurthy K., Mohan K.	Department of Chemistry	Journal of Materials Science: Materials in Electronics	2020	9574522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094111735&doi=10.1007%2Fs10854-020-04656-1&partnerID=40&md5=caa7c185945a09af17a333405804ac73
Metal-free efficient dye-sensitized solar cells based on thioalkylated bithiophenyl organic dyes	Lin F.-S., Priyanka P., Fan M.-S., Vegiraju S., Ni J.-S., Wu Y.-C., Li Y.-H., Lee G.-H., Ezhumalai Y., Jeng R.-J., Chen M.-C., Ho K.-C.	Department of Chemistry	Journal of Materials Chemistry C	2020	20507534	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096213419&doi=10.1039%2Fdt0c2310h&partnerID=40&md5=1f1ed8965d2419555ea3c5de58c686c5
Hexagonal phase Pt-doped cobalt telluride magnetic semiconductor nanoflakes for electrochemical sensing of dopamine	Padmanaban A., Padmanathan N., Dhanasekaran T., Manigandan R., Srinandhini S., Sivaprakash P., Arumugam S., Narayanan V.	Department of Physics	Journal of Electroanalytical Chemistry	2020	15726657	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090720870&doi=10.1016%2Fjelechem.2020.114658&partnerID=40&md5=6e09c9c8ef0b384ad5b6c7aff5295adb7
Effect of chemical and external hydrostatic pressure on magnetic and magnetocaloric properties of Pt doped Ni ₂ MnGa shape memory Heusler alloys	Sivaprakash P., Esakki Muthu S., Singh A.K., Dubey K.K., Kannan M., Muthukumaran S., Guha S., Kar M., Singh S., Arumugam S.	Department of Physics	Journal of Magnetism and Magnetic Materials	2020	3048853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086565683&doi=10.1016%2Fj.jmmm.2020.167136&partnerID=40&md5=4670307b6593bf5291ee8c8dc82084c
Honeycomb micro/nano-architecture of stable I ³ -NiMoO ₄ electrode/catalyst for sustainable energy storage and conversion devices	Padmanathan N., Shao H., Razeeb K.M.	Department of Physics	International Journal of Hydrogen Energy	2020	3603199	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8508965841&doi=10.1016%2Fj.ijhydene.2020.08.056&partnerID=40&md5=329a24f1d671dc6fc6deb64756e5e221
An Efficient Finger Gesture Recognition System Using Image	Kumar M.A., Jayachitra S., Aravindh G., Bhuvaneshwari M.	Department of Electronics and Communication Engineering	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	2020	978-1728163871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8509602286&doi=10.1109%2FICECA49313.2020.927441&partnerID=40&md5=17158477a59f5537e0be42f1beab779
Study on Hand Gesture Recognition by using Machine Learning	Mohanarathnam A., Dharani K.G., Sangeetha R., Aravindh G., Sasikala P.	Department of Electronics and Communication Engineering	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	2020	978-1728163871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099593365&doi=10.1109%2FICECA49313.2020.927453&partnerID=40&md5=4f635b46ab6566b2e931e9090ae67bd9
Surface Eletromyography Feature Extraction Techniques - A Review	Emayavaramban G., Amudha A., Ramkumar M.S., Divyapriya S., Nagaveni P.	Department of Electrical and Electronics Engineering	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	2020	978-1728163871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099587386&doi=10.1109%2FICECA49313.2020.927622&partnerID=40&md5=78f01491f910b927a79c0a7df5a84606
Deforestation is a Cause of Pandemic - A Systematic Analysis	Dharani K.G., Mohanarathnam A., Mansoor S., Daranikumar M., Sasikala P.	Department of Electronics and Communication Engineering	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	2020	978-1728163871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099583825&doi=10.1109%2FICECA49313.2020.927455&partnerID=40&md5=0317bb87a91b7940d73f99a7e105c83
Human Machine Interface Wheel Chair by Using Wi-Fi Communication for Disabled Person	Sasikala P.	Department of Electronics and Communication Engineering	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	2020	978-1728163871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099580344&doi=10.1109%2FICECA49313.2020.927517&partnerID=40&md5=aa509b61c009436779fa69d8111e03a

ML Algorithm based Error Detection and Correction for Better Reliability	Mahendra Babu G.R., Sridahr K.P.	Department of Electronics and Communication Engineering	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	2020	978-1728163871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099576153&doi=10.1109%2FICECA49313.2020.9297521&partnerID=40&md5=7c1a83155fbfb2e8a16d9a5d261de357
FPGA based Hybrid Random Number Generators	Mahendrababu G.R., Sridhar K.P., Baskar	Department of Electronics and Communication Engineering	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	2020	978-1728163871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099561373&doi=10.1109%2FICECA49313.2020.9297637&partnerID=40&md5=60408c83a82e37b6a84433f970770792
An Automatic System for Detection Suppression of Epileptic Seizure	Bhuvanewari M., Shafiq Mansoor J., Aravindh T.S., Arun Kumar M., Sangeetha R.	Department of Electronics and Communication Engineering	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	2020	978-1728163871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099541984&doi=10.1109%2FICECA49313.2020.9297423&partnerID=40&md5=248abe913509c49096b1e65b3457af78
Automatic Detection of Brain Tumor Using Deep Learning Algorithms	Sangeetha R., Mohanarathinam A., Aravindh G., Jayachitra S., Bhuvanewari M.	Department of mathematics	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	2020	978-1728163871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099531990&doi=10.1109%2FICECA49313.2020.9297536&partnerID=40&md5=1d570d22d9ad30e2d6e036bcefab6b97
Influence of Ag+ and Mn2+ ions on structural, optical and photoluminescence features of ZnS quantum dots	Sakthivel P., Kavi Rasu K., Prasanna Venkatesan G.K.D., Viloría A.	Department of Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2020	13861425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087429137&doi=10.1016%2F.saa.2020.118666&partnerID=40&md5=02eaf4db374870fd762c29c001a3d53
Metal joining technique by FWPET process of seamless ferritic and austenitic alloy grade materials with a peripheral support	Daniel Das A., Thirunavukkarasu K.	Department of Mechanical Engineering	AIP Conference Proceedings	2020	0094243X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096455334&doi=10.1063%2F5.0019381&partnerID=40&md5=a11883757864231a8c4bcb2da01cb75
Experimental studies of indoloimidazole derivative as corrosion inhibitor on mild steel in acidic media	Sudha D., Mary Jency I., Usha P., Dhanalakshmi H., Gowrisankar L.	Department of Physics	AIP Conference Proceedings	2020	0094243X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096442847&doi=10.1063%2F5.0019782&partnerID=40&md5=571123f6e80361a48d588c0b46f1127
Selective recovery of copper from the waste printed circuit boards by anodic dissolution method	Gowrisankar L., Dhanalakshmi H., Usha P., Sudha D., Mary Jency I.	Department of Physics	AIP Conference Proceedings	2020	0094243X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096432097&doi=10.1063%2F5.0019522&partnerID=40&md5=bef9bffe82b84589b0a8b1678a5b6
Microwave assisted green synthesis of Zinc oxide nanoparticles for biological applications	Saravanakumar K., Sankaranarayanan R.K., Sakthivel P., Catherine Sriya Pushpa K.	Department of Physics	AIP Conference Proceedings	2020	0094243X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096455217&doi=10.1063%2F5.0019927&partnerID=40&md5=02dfef46ea979a379f94e40f161b4041
Performance analysis of energy efficient directional probabilistic flooding and fish swarm algorithm protocol in manet	Nair H., Arunkumar B., Venkatesan G.K.D.P.	Department of Computer Science and Engineering	Journal of Green Engineering	2020	19044720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098447682&partnerID=40&md5=355b9c76790ab30e3ef337c9134be90
Three π Level single stage zvs voltage doubler quadruple secondary converter	Ravivarman G., Amudha A.	Department of Electrical and Electronics Engineering	Journal of Green Engineering	2020	19044720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098446532&partnerID=40&md5=abb4d14f402d17c861caa99600521
Demonstration of communication-based three-layer-control architecture for providing network services to distribution system operators	Viyathukattuwa Mohamed Ali M.M., Nijhuis M., Chakravarthy A.A., Gopalakrishnan E.	Department of Electrical and Electronics Engineering	International Transactions on Electrical Energy Systems	2020	20507038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091508447&doi=10.1002%2Fetds.7038.12601&partnerID=40&md5=30782a06e8952e133c85e80f26f2
Investigation of Magnetic Entropy Change and Critical Behavior Analysis of Cu- and Si-Doped Ni $_{40}$ Mn $_{40}$ Sn Heusler Alloys	Muthu S.E., Sivaprakash P., Thiagarajan R., Saravanan C., Arumugam S.	Department of Physics	Journal of Superconductivity and Novel Magnetism	2020	15571939	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088781558&doi=10.1007%2Fs10948-020-05622-y&partnerID=40&md5=fe71a7194f95b8988ba9755ef4702d00
A novel multi-objective optimization strategy for enhancing quality of service in IoT-enabled WSN applications	Prasanth A., Jayachitra S.	Department of Electronics and Communication Engineering	Peer-to-Peer Networking and Applications	2020	19366442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086647869&doi=10.1007%2Fs12083-020-00945-y&partnerID=40&md5=50a44922c1d34645b6f6f6818b9822d4
Effect of Bio-filler on Hybrid Sisal-Banana-Kenaf-Flax Based Epoxy Composites: A Statistical Correlation on Flexural Strength	Vivek S., Kanthavel K., Torris A., Kavimani V.	Department of Mechanical Engineering	Journal of Bionic Engineering	2020	16726529	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089397510&doi=10.1007%2Fs12235-020-0083-7&partnerID=40&md5=f4f3261aeb3b4193c727f72725f07129
Structural, optical, thermal, and magnetic properties of strontium nitrate doped L-Alanine crystal	Suresh N., Selvapandiyam M., Sakthivel P., Loganathan K.	Department of Physics	Optik	2020	304026	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8508867151&doi=10.1016%2Fj.jlilo.2020.165336&partnerID=40&md5=fbd426c69b5868f04cd8da39c748b1
Optimized unsupervised deep learning assisted reconstructed coder in the on-nodule wearable sensor for human activity recognition	Janarthanan R., Doss S., Baskar S.	Department of Electronics and Communication Engineering	Measurement: Journal of the International Measurement Confederation	2020	2632241	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086461190&doi=10.1016%2F.measurement.2020.108050&partnerID=40&md5=97e8564ac76b96b9267e22a6a19264a1
Synthesis of rGO/CuO/Ag Ternary Nanocomposites Via Hydrothermal Approach for Opto-electronics and Supercapacitor Applications	Sridevi A., Balraj B., Senthilkumar N., Venkatesan G.K.D.P.	Department of Electronics and Communication Engineering	Journal of Superconductivity and Novel Magnetism	2020	15571939	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088319307&doi=10.1007%2Fs10948-020-05934-y&partnerID=40&md5=e04621098e10b62e28730bbbc076b49
Enhanced pedestrian detection using optimized deep convolution neural network for smart building surveillance	Kim B., Yuvaraj N., Sri Preethaa K.R., Santhosh R., Sabari A.	Department of Computer Science and Engineering	Soft Computing	2020	14327643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084376180&doi=10.1007%2Fs00500-020-04999-1&partnerID=40&md5=a24d4d7a98ff56551ab27a322b4ed449
Machine learning based multi scale parallel K-means++ clustering for cloud assisted internet of things	Mydhili S.K., Periyanyagi S., Baskar S., Shakeel P.M., Hariharan P.R.	Department of Electronics and Communication Engineering	Peer-to-Peer Networking and Applications	2020	19366442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073964629&doi=10.1007%2Fs12083-019-00800-9&partnerID=40&md5=01076167132272644f5a774d99faa9b
Lutein: A comprehensive review on its chemical, biological activities and therapeutic potentials	Fuad N.I.N., Sekar M., Gan S.H., Lum P.T., Vajjanathappa J., Ravi S.	Department of Chemistry	Pharmacognosy Journal	2020	9753575	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096377719&doi=10.5530%2Fpj.2020.12.239&partnerID=40&md5=3853dd8db0811aaf2a206e812a658f42
Resveratrol: Latest scientific evidences of its chemical, biological activities and therapeutic potentials	Saad N.M., Sekar M., Gan S.H., Lum P.T., Vajjanathappa J., Ravi S.	Department of Chemistry	Pharmacognosy Journal	2020	9753575	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096338672&doi=10.5530%2Fpj.2020.12.240&partnerID=40&md5=b0946baeac7c40efb0248b05bc5c1af53
Channel aware optimized proportional fair scheduler for LTE downlink	Monikandan B.S., Sivasubramanian A., Babu S.P.K., Prasanna Venkatesan G.K.D., Arunachalaperumal C.	Department of Electronics and Communication Engineering	Peer-to-Peer Networking and Applications	2020	19366442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078777374&doi=10.1007%2Fs12083-019-00826-y&partnerID=40&md5=6243c3aa8220bb374bf5a6f181a40eeb
Isolation and structural characterization of phytoconstituents from strobilanthus kunthianus	Balasubramaniam G., Sekar M., Ravi S., Badami S.	Department of Chemistry	Pharmacognosy Journal	2020	9753575	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096322419&doi=10.5530%2Fpj.2020.12.220&partnerID=40&md5=000ba8a99107083439865b4530e666fe
Adaptive switching interpolation filter for restoring impulse corrupted digital images	Varghese J., Subash S., Sridhar K.P., Balaji N.V., Kumar G.A.	Department of Computer Science	IET Image Processing	2020	17519659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092575180&doi=10.1049%2Fiet-ipr.2019.1445&partnerID=40&md5=cb33aa1ef1a1dd55c9d81785f600971
Non linear predictive modelling for ic engine using artificial neural network	Mohanasundaram N.	Department of Computer Science and Engineering	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	978-1728154640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097843798&doi=10.1109%2FISMAC49090.2020.9243342&partnerID=40&md5=b930042a1440a42175980b835e42c5d
A study of blockchain technologies and health care systems	Kumar B.A., Mohanraj T., Shahulhammed S., Santhosh R.	Department of Computer Science and Engineering	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	978-1728154640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097841072&doi=10.1109%2FISMAC49090.2020.9243529&partnerID=40&md5=f1f35849a61d1ff9ec785d6989e5a0d

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Cloud-based protection and performance improvement in the E-Health management framework	Kanehanadevi P., Selvapandian D., Raja L., Dhanapal R.	Department of Computer Science and Engineering	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	978-1728154640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8509734533&doi=10.1109%2FISMAC49090.2020.9243413&partnerId=408&md5=03263fe7dc1ccc98e1387553bea2ad
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A Review on Internet of Things (IoT) based pulse rate, blood pressure, body temperature monitoring system	Mohanraj T., Arunkumar B., Shahulhammed S., Santhosh R.	Department of Computer Science and Engineering	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	978-1728154640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097829015&doi=10.1109%2FISMAC49090.2020.9243350&partnerId=408&md5=c4e58b79c4c47a9a9f0b1c7b792407
Recurrent neural network approach for data prediction of a chemical process plant	Mohanasundaram N.	Department of Computer Science and Engineering	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	978-1728154640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097827898&doi=10.1109%2FISMAC49090.2020.9243465&partnerId=408&md5=25d9d6f6fc072b731a09e4a84173673
An attribute based encryption scheme with dynamic attributes supporting in the hybrid cloud	Kanehanadevi P., Raja L., Selvapandian D., Dhanapal R.	Department of Computer Science and Engineering	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	978-1728154640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097825077&doi=10.1109%2FISMAC49090.2020.9243370&partnerId=408&md5=f81e676a1d083efcd0780875c12ccc
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A Numerical Investigation of Automotive Lambda Sensor to Improve the Life Span of the Sensor using CFD	Aravind S., Ragupathi P., Kumar D.S., Vignesh G.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094623927&doi=10.1088%2F1757-899X%2F2923%2F1%2F012003&partnerId=408&md5=65a86f6ae069e662177b3455999126d4
A Numerical Investigation of Variably Heated Enclosure to Enhance its Heat Transfer Rate using CFD	Ragupathi P., Aravind S., Kumar D.S., Vignesh G.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094623927&doi=10.1088%2F1757-899X%2F2923%2F1%2F012003&partnerId=408&md5=8350e1fe2e2cd41c8151dd4f49d3a4
Micro grid based low price residential home to grid - Modeling and control of power management system	Ramkumar M.S., Amudha A., Sivaramkrishnan M., Divyapriya S., Nagaveni P., Emayavaramban G., Mansoor V.	Department of Electrical and Electronics Engineering	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	978-1728154640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097840142&doi=10.1109%2FISMAC49090.2020.9243351&partnerId=408&md5=dec76f7926b57817fe1330d19381e25b
IoT enabled drip irrigation system with weather forecasting	Divyapriya S., Vijayakumar R., Ramkumar M.S., Amudha A., Nagaveni P., Emayavaramban G., Mansoor V.	Department of Electrical and Electronics Engineering	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	978-1728154640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097835733&doi=10.1109%2FISMAC49090.2020.9243348&partnerId=408&md5=8f77bee2ee1146e3a1682c774a94949
An evaluation of the association of serotonergic genes in patients with major depressive disorders in a tertiary care hospital in coimbatore	Rashmi S., Sanglimuthu A.Y., Jeyan	Department of Biotechnology	International Journal of Research in Pharmaceutical Sciences	2020	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097382959&doi=10.26452%2Fijrps.v11i14.36758&partnerId=408&md5=1c34f050442525498ebac1a52821d2d4
Screening for phytochemicals and antimicrobial activity of aqueous extract of tridax procumbens	Rachael M.K., Rajiv P., Dhanasekaran S.	Department of Biotechnology	International Journal of Research in Pharmaceutical Sciences	2020	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092250428&doi=10.26452%2Fijrps.v11i14.36758&partnerId=408&md5=75394c4149908344e58b4ab62e49c08
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Utilization of microRNAs and their regulatory functions for improving biotic stress tolerance in tea plant [Camellia sinensis (L.) O. Kuntze]	Jeyaraj A., Elango T., U X., Guo G.	Department of Biotechnology	RNA Biology	2020	15476286	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086910360&doi=10.1080%2F15476286.2020.17742987&partnerId=408&md5=f44be90d7ed8fc9a636ad9b3f96e873c
Effect of Pd2+ co-doping on the structural and optical properties of Mn2+ZnS nanoparticles	Kavi Rasu K., Sakthivel P., Prasanna Venkatesan G.K.D.	Department of Physics	Optics and Laser Technology	2020	303992	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085269051&doi=10.1016%2Foptlastec.2020.106315&partnerId=408&md5=ce7153cd96fb9f751c9494660b1d56da
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Antioxidant, antimicrobial and cytotoxic activity of curkolinâ (Curcuma longa and coleus forskohlii formulation)	Sadashiva C.T., Firoy Hussain H.M., Nanjundiah S., Manjula A.C., Kote N.V., Patil R., Ranjith, Makeswari M., Ravi S.	Department of Chemistry	Indian Journal of Traditional Knowledge	2020	9725938	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099320217&partnerId=408&md5=1cfd5def7e7d00b6547e622da47d6e7ae
Efficient detection of sheet metal defect using KNN	Chittilappilly A.J., Jose G., Subramanian K.	Department of Electronics and Communication Engineering	Journal of Green Engineering	2020	19044720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096600564&partnerId=408&md5=aa8054a07373689e104c2dc378aefae1
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Isolation, characterization and drug-likeness analysis of bioactive compounds from stem bark of Warburgia ugandensis Sprague	Gonfa T., Fisseha A., Thangamani A.	Department of Chemistry	Chemical Data Collections	2020	24058300	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090404866&doi=10.1016%2Fcdcc.2020.100535&partnerId=408&md5=a31cd2e5bc768f65cd3f16779aa18fef
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Influence of Zn2+ doping towards the structural, magnetic, and dielectric properties of NiFe2O4 composite	Sivaprakash P., Divya S., Parameshwari R., Saravanan C., Sagadevan S., Arumugam S., Esakki Muthu S.	Department of Physics	Journal of Materials Science: Materials in Electronics	2020	9574522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089357615&doi=10.1007%2Fs10854-020-04187-9&partnerId=408&md5=1fae5f7d0f0dd75a23700e0dbf994d794
Visualization and Classification of Diseases using Deep Learning Based Convolution Neural Network	Janeera D.A., Amudhavalli P., Sherubha P., Sasirekha S.P., Anantha Christu Raj P., Sitharhan R.	Department of Computer Science and Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093655496&doi=10.1088%2F1757-899X%2F2923%2F1%2F012003&partnerId=408&md5=f36400493eac8ec1f882b4285a21a39c
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Eucalyptol inhibits biofilm formation of <i>Streptococcus pyogenes</i> and its mediated virulence factors	Vijayakumar K., Manigandan V., Jayapragash D., Bharathidasan V., Anandharaj B., Sathya M.	Department of Biotechnology	Journal of Medical Microbiology	2020	222615	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097004513&doi=10.1099/jmm.0.001253&partnerID=40&md5=41de411e73fc1159033e9b11d83a90
Data Sharing Attribute-Based Secure with Efficient Revocation in Cloud Computing	Elavarasan G., Veni S.	Department of Computer Science	2020 International Conference on Computing and Information Technology, ICCIT 2020	2020	978-1728126807	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098456966&doi=10.1099/2iCCIT.144147971.2020.9213790&partnerID=40&md5=c2438da8715a8dda1ad931d808bcb9
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A comparative study on the surface finish achieved during turning operation of AISI 4340 steel in flooded, near-dry and dry conditions	Selvam M.D., Sivaram N.M.	Department of Mechanical Engineering	Australian Journal of Mechanical Engineering	2020	14484846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057611957&doi=10.1080/21644848.2018.1546363&partnerID=40&md5=45642ada6c21561588dd3eeabfa090
An investigation on photoacoustic spectroscopy and dielectric properties of sulfonic acid nonlinear optical single crystal for different applications	Thirupathy J., Dhas S.S.J., Jose M., Dhas S.A.M.B.	Department of Physics	Journal of Materials Science: Materials in Electronics	2020	9574522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088790247&doi=10.1007/s2510854-020-04013-2&partnerID=40&md5=6ab515dd7b5e0d6540ec3d2b990f61e
Comparative analysis of reversible data hiding schemes	Jose A., Subramaniam K.	Department of Electronics and Communication Engineering	IET Image Processing	2020	17519659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093819461&doi=10.1049/2iIet-ipt.2019.1066&partnerID=40&md5=f9c1ba0635f8300e982ded7f6ed50e4
Synthesis, in vitro and in silico studies of naphthalene pyrazoline prop-2-en-1-one derivatives	Prabha B., Raja C., Nathiya S., Ethilarsi M.R.	Department of Chemistry	Asian Journal of Chemistry	2020	9707077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089974338&doi=10.14233/2ajchem.2020.22654&partnerID=40&md5=997a6d34b2b6433024f14943cd850ef
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Erratum: Second-order nonlinear optical properties of eight-membered centrosymmetric cyclic borasiloxanes (New J. Chem. (2019) 43 (10948-10958) DOI: 10.1039/C9NJ01611B)	Gopalakrishnan M., Viswanathan T., David E., Thirumorthy K., Bhuvanesh N.S.P., Palanisami N.	Department of Chemistry	New Journal of Chemistry	2020	11440546	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088237820&doi=10.1039/c9nj00069a&partnerID=40&md5=2a698740440a814a91770616a9f7c2
Targeting severe acute respiratory syndrome-coronavirus (SARS-CoV-1) with structurally diverse inhibitors: A comprehensive review	Hosseini-Zare M.S., Thilagavathi R., Selvam C.	Department of Biotechnology	RSC Advances	2020	20462069	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091488082&doi=10.1039/c9ra04395h&partnerID=40&md5=87b642bb6ebc87695cfa4d36a9982ef
Pharmaco-chemical characterization and evaluation of in vitro antioxidant and antidiabetic activity of ethanolic flower extract of <i>clerodendrum paniculatum</i>	Varghese S., Devaki K., Kannappan P., Madathil S.R.	Department of Biochemistry	International Journal of Research in Pharmaceutical Sciences	2020	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090619741&doi=10.26452/ijrps.v1i13.2688&partnerID=40&md5=3e5877728e797d086335e11c3b2f35a
Acute and sub chronic toxicological evaluation of ethanolic leaf extract of <i>sida acuta</i> burm.f in wistar albino rats by analyzing biochemical, hematological and histochemical parameters	Muneeswari P., Madathil S.R., Poornima K.	Department of Biochemistry	International Journal of Research in Pharmaceutical Sciences	2020	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089015838&doi=10.26452/ijrps.v1i13.2614&partnerID=40&md5=90a49ae0bafeef941bb3c408a2ba239c09
Phytochemical and chromatographic characterization of <i>mimosa diplotricha</i> wright ex. Sauvalle ethanolic leaf extract and assessment of antioxidant potential and anti-proliferative effect on colorectal cancer (hct-116) cell lines	Madathil S.R., Kannappan P., Kanakasabapathy D., Varghese S., Muneeswari P.	Department of Biochemistry	International Journal of Research in Pharmaceutical Sciences	2020	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089016308&doi=10.26452/ijrps.v1i13.2656&partnerID=40&md5=835ae429828a210b0b3aba66e2c05537
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The effect of <i>Sida Acuta</i> on bacterial enzymes in azoxymethane-induced experimental colon cancer	Muneeswari P., Madathil S.R., Oornima K.	Department of Biochemistry	International Journal of Pharmaceutical Research	2020	9752366	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083315031&doi=10.31838/2ijpr.2f2020.12.03.004&partnerID=40&md5=1753ee1651aba948969202de6c9ad82
Improved multi objective data transmission using conventional route selection algorithm in mobile ad hoc network	Wilson J., Subramaniam K.	Department of Electronics and Communication Engineering	Peer-to-Peer Networking and Applications	2020	19366442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076542839&doi=10.1007/s2512083-019-00815-2&partnerID=40&md5=3efa60e8de8300364431d9ff488f4efbe
Optimized wavelet filter from genetic algorithm, for image compression	Ravi R.V., Subramaniam K.	Department of Electronics and Communication Engineering	2020 7th International Conference on Smart Structures and Systems, ICSSS 2020	2020	978-1728172231	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093119311&doi=10.1109/9781728172231.2020.9202141&partnerID=40&md5=9a059137cd58141870183604675e3d
Optimized two dimensional wavelet filter from BAT algorithm	Ravi R.V., Subramaniam K.	Department of Electronics and Communication Engineering	2020 7th International Conference on Smart Structures and Systems, ICSSS 2020	2020	978-1728172231	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093087467&doi=10.1109/9781728172231.2020.9202362&partnerID=40&md5=28904811b7442bd9c7bac0b4f81e9e50
An evaluation of serotonergic genes polymorphism in the antidepressant response of major depressive disorder patients treated with escitalopram and venlafaxine	Rashmi S., Sanglimuthu A.Y., Kumar V., Jeyan	Department of Biotechnology	International Journal of Pharmaceutical Research	2020	9752366	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091718536&doi=10.31838/2ijpr.2f2020.SP2.054&partnerID=40&md5=296a01daabb1bcb48269db4e64808119
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Oxalate oxidase: An antilithiatic enzyme from staphylococcus pasteurii and its degradation studies	Arumugam N., Veerakumar S.K., Saravanan S., Vasudevan Y., Raj P.J.S.	Department of Biotechnology	International Journal of Pharmaceutical Research	2020	9752366	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090676847&doi=10.31838%2fijpr%2f2020.12.03.207&partnerID=40&md5=babd3d3d6f063092eb3641e6672da967
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Role of Sm ³⁺ dopant in the formation of La(1-x)SmxCrO ₃ solid state nanoperovskites æ€ Correlation of its augmented physical properties	Sivaprakash P., Ananth A.N., Nagarajan V., Parameshwari R., Arumugam S., Jose S.P., Muthu S.E.	Department of Physics	Materials Chemistry and Physics	2020	2540584	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082384912&doi=10.1016%2f.matchemphys.2020.122922&partnerID=40&md5=3e91211242dc6419e068e9c3d09b6
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Testing for Security Weakness of Web Applications using Ethical Hacking	Devi R.S., Kumar M.M.	Department of Computer Science	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020	2020	978-1728155180	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8508996828&doi=10.1109%2fICEI48184.2020.9143018&partnerID=40&md5=401438da3d046df7c7226501074951f
In silico ADMET Screening of Compounds Present in Cynanthillium cinereum (L.) H. Rob.	Dharani J., Ravi S.	Department of Chemistry	Asian Journal of Chemistry	2020	9707077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086000749&doi=10.14233%2fajchem.2020.22569&partnerID=40&md5=e50c2270325eeec3fc8420b41e3566
Synthesis, Characterization, in vitro Antimicrobial Evaluation and in silico Molecular Docking and ADME Prediction of 4-Chlorophenyl Furfuran Derivatives bearing Pyrazole Moieties	Mathew M., Chinnamayakar R., Ramanathan E.M.	Department of Chemistry	Asian Journal of Chemistry	2020	9707077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085981424&doi=10.14233%2fajchem.2020.22634&partnerID=40&md5=ddcadb8ee1662af81004e958949ede7
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Rapid speedup segment analysis based feature extraction for hand gesture recognition	Parvathy D.P., Subramaniam K.	Department of Computer Science and Engineering	Multimedia Tools and Applications	2020	13807501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064519075&doi=10.1007%2f11042-019-7528-1&partnerID=40&md5=422f61404add0cd4f307ec9a5de2133
Influence of heat treatment on the exit burr height in drilling of al alloy 7075 æ€ a statistical analysis	Ashok N., Demeke N.T., Shanmugasundaram P.	Department of Automobile Engineering	Journal of Mines, Metals and Fuels	2020	222755	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097162303&partnerID=40&md5=6f7ee8ce3e616eda7eb3289e53b23d8
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Growth performance of spiny lobster, <i>Penulirus homarus</i> (Linnaeus, 1758)	Arumugam A., Dineshkumar R., Ahamed Rasheeq A., Gowrishankar M.P., Murugan S., Sampathkumar P.	Department of Microbiology	Indian Journal of Geo-Marine Sciences	2020	3795136	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85090235356&partnerID=40&md5=d130407886ebfb2d148c534d7bbd11e
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Untargeted metabolomic analysis using UPLC-MS/MS identifies metabolites involved in shoot growth and development in pruned tea plants (<i>Camellia sinensis</i> (L.) O. Kuntze)	Akorful E., Yu Y., Chen C., Lu L., Hu S., Yu H., Ma Q., Thangaraj K., Periakaruppan R., Jeyaraj A., Chen X., Li X.	Department of Biotechnology	Scientia Horticulturae	2020	3044238	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85078727689&doi=10.1016%2Fsci.2019.109164&partnerID=40&md5=daeaab1e3f8dce5847582b3d47ae95a
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Synthesis and photoluminescence properties of Sm ³⁺ doped LiGd(WO ₄) ₂ phosphors with high color purity	Kalimuthu K.R., Moorthy Babu S., Kalimuthu V.	Department of Physics	Optical Materials	2020	9253467	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080982418&doi=10.1016%2Foptmat.2020.109804&partnerID=40&md5=96f2d5129ea0dd0f0527334012f4ab1
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Evaluation of <i>mussaenda erythrophylla</i> Schumach. &Thonn. leaves against human lung carcinoma	Narayanan A., Palaniappan S.	Department of Pharmacy	International Journal of Pharmaceutical Research	2020	9752366	https://www.scopus.com/inward/record.uri?eid=2-i2-0-85092927632&doi=10.31838/2fijpr%2f020.SP2.15&partnerID=40&md5=5e46156081705edc417e177500b3b0bd
Influence of Silica Rich CRT and BN on Mechanical, Wear and Corrosion Characteristics of Copper- Surface Composite Processed Through Friction Stir Processing	P.M.G., V.K.	Department of Mechanical Engineering	Silicon	2020	1876990X	https://www.scopus.com/inward/record.uri?eid=2-i2-0-85090724677&doi=10.1007/s21633-020-00764-2&partnerID=40&md5=664b374d5b832053ab8ef51535f879f
Pathophysiology of pcos and an update on herbal remedial measures: A review	Gayathri M., Sri Rashmy M., Poornima K.	Department of Biochemistry	International Journal of Pharmaceutical Research	2020	9752366	https://www.scopus.com/inward/record.uri?eid=2-i2-0-85090757173&doi=10.31838/2fijpr%2f020.SP1.21&partnerID=40&md5=de12997bc50dcba8f82893c475a1904ca
Maximal product of an intuitionistic fuzzy ideal graph of ml ⁿ group in nearrings	Mala S.K., Shanmugapriya M.M.	Department of mathematics	Advances in Mathematics: Scientific Journal	2020	18578365	https://www.scopus.com/inward/record.uri?eid=2-i2-0-85090704988&doi=10.37418/2famsj.9.4.25&partnerID=40&md5=122b8ff8dbadbab071a0ac22c77c55b
A review on antivenin activities of indigenous plants against Venom of Naja Naja	Suvathika G., Sivaraman T.	Department of Biotechnology	International Journal of Pharmaceutical Research	2020	9752366	https://www.scopus.com/inward/record.uri?eid=2-i2-0-85090892598&doi=10.31838/2fijpr%2f020.SP1.06.4&partnerID=40&md5=2e9d3f73cc819fcb8b19b6e09b5bc9463
A survey on the recent cooperative routing technology in mobile adhoc networks	Nair H., Manimegalai P., Prasanna Venkatesan G.K.D.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2020	1943023X	

Postharvest quality enhancement of fruits and vegetables using edible coatings: A review	Jemilakshmi T.V., Rakshana L, Krishna Priya S.J., Aishwarya B., Anithaee C.	Department of Biotechnology	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085038338&doi=10.131838%2fcr.07.07.143&partnerID=40&md5=99b45f82110227e6ce45f151de4034a
Sintering behaviour of fine reactive MgAl ₂ O ₄ spinel powder formed by the calcination of magnesium aluminate hydrate powder	Viswanathan T.	Department of Chemical Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085026098&doi=10.131838%2fcr.07.07.147&partnerID=40&md5=e9a697ba32b34b9dd3a2248a39b1e06b
Nanovaccination: Evolution and review	Karthikeyan S., Laxmi Deepak Bhatlu M., Sukanya K., Jayan N.	Department of Chemical Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085014571&doi=10.131838%2fcr.07.07.177&partnerID=40&md5=486bc109562c69cf989a5e07c06594
A role of prebiotics in food and health: A review	Nithiya Priya B.T.	Department of Food Technology	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085002719&doi=10.131838%2fcr.07.07.142&partnerID=40&md5=d924e9c2ea83743b30dde3296059c044
Biowarfare - A peril gaining ground	Vijithra N., Ravichandran R.	Department of Biotechnology	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085002361&doi=10.131838%2fcr.07.07.141&partnerID=40&md5=75d3e831b759899e1e68c731a03684b1
Heat transfer augmentation approach in double pipe heat exchanger	Jayan N., Laxmi Deepak Bhatlu M., Sukanya K., Karthikeyan S.	Department of Chemical Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084971970&doi=10.131838%2fcr.07.07.144&partnerID=40&md5=8b38efc2440a4d06db9925f62c00a87
Performance analysis of ant-lion optimization based routing algorithm for wireless sensor networks	Swapna S.B., Santhosh R.	Department of Computer Science and Engineering	International Journal of Intelligent Unmanned Systems	2020	20496427	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084793019&doi=10.1108/2100-09-2019-0055&partnerID=40&md5=8ddaceb9c0bd6da87c7b6a231e258faa
A review on multiple approaches to medical image retrieval system	Nair L.R., Subramaniam K., Prasanna Venkatesan G.K.D.	Department of Electronics and Communication Engineering	Advances in Intelligent Systems and Computing	2020	21945357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084176714&doi=10.1007/978-3-030-34080-3_34&partnerID=40&md5=c683c142e0b7ada4ecbab240e1e9562
Contagious Diseases Prediction in Healthcare Over Big Data	Gakwaya N.J., Manju Priya S.	Department of Computer Science	Lecture Notes on Data Engineering and Communications Technologies	2020	23674512	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083664017&doi=10.1007/978-3-030-24643-3_14&partnerID=40&md5=12c2abb9f622ae51b1c1760e85facc02
An Energy Efficient Glowworm Swarm Optimized Opportunistic Routing in MANET	Sathiya D., Sheeja S.	Department of Computer Science	Lecture Notes on Data Engineering and Communications Technologies	2020	23674512	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083450202&doi=10.1007/978-3-030-34080-3_34&partnerID=40&md5=c683c142e0b7ada4ecbab240e1e9562
Internet of things based air pollution monitoring and forecasting system	Gokul P., Srikanth J., Inbarasu G., Subramaniam K., Prasanna Venkatesan G.K.D.	Department of Electronics and Communication Engineering	Lecture Notes on Data Engineering and Communications Technologies	2020	23674512	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083428243&doi=10.1007/978-3-030-34515-0_46&partnerID=40&md5=cd98b3421ade6fa3be78c051de022aac
The impact of stress and work life balance on job satisfaction among female faculty at select arts and science colleges in Coimbatore District	Sumathi V., Velmurugan R.	Department of Commerce	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8508277629&doi=10.131838%2fcr.07.04.138&partnerID=40&md5=0e0bb98fe73480c87d7eb348ab061f5a
A study on determinants influencing surge in NPAs: Special reference to IDBI Bank	Anand R., Sudarvel J.	Department of Commerce	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082773229&doi=10.131838%2fcr.07.04.139&partnerID=40&md5=c1a49804821aab99743eb99367121572
Electricity generation from exhaust waste heat of internal combustion engine using Al ₂ O ₃ thermoelectric generators	Ragupathi P., Barik D., Vignesh G., Aravind S.	Department of Mechanical Engineering	Journal of Applied Science and Engineering	2020	15606686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082522862&doi=10.61809/2fase.202003.23%281%29.0007&partnerID=40&md5=97af2ad1d4381a791ed3363261e66a19
A study on accident analysis in steel industries - A statistical approach	Lakshmana Kumar P., Shanmugasundaram P.	Department of Mechanical Engineering	International Journal of Advanced Research in Engineering and Technology	2020	9766480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082501807&doi=10.34218/2100-09-2020-033&partnerID=40&md5=612048a21530978d3d5c9ba7e7fb463
Hybrid image compression technique using oscillation concept & quasi fractal	Magar S.S., Sridharan B.	Department of Electronics and Communication Engineering	Health and Technology	2020	21907188	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081404318&doi=10.1007/978-3-030-34080-3_34&partnerID=40&md5=c683c142e0b7ada4ecbab240e1e9562
Determinants of audit fees: Evidence from companies listed in the industrial sector of Muscat securities market	Santhosh N., Sankar Ganesh R.	Department of Management	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081239859&doi=10.131838%2fcr.07.03.05&partnerID=40&md5=0c86025c02a053dc4862610c91f6557
The influence of corporate social responsibility on the gainfulness of the corporations listed in Muscat securities market	Santhosh N., Sankar Ganesh R.	Department of Management	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081204990&doi=10.131838%2fcr.07.03.01&partnerID=40&md5=Be1ce0d73a26408835d543460881e86b
An evaluation of the performance of kerala financial corporation in promoting micro, small and medium enterprises in the state of kerala, India	Raju V.K., Chockalingam S.M.	Department of Commerce	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080147500&doi=10.131838%2fcr.07.01.108&partnerID=40&md5=f5c2a281a7d2b061809912f895eaeb0b
Effect of ECAP on copper electrode in spark machining	Gopal R., Thirunavukkarasu K.	Department of Mechanical Engineering	Materials Today: Proceedings	2020	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080044642&doi=10.1016/j.matpr.2019.05.416&partnerID=40&md5=08366c68ecc106ab4b1a9fd2014476a
The evaluation of teaching performance from students' feedback: A qualitative sentimental analysis based on gated RNN technique	Prabha T., Priyaa D.S.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2020	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079876421&doi=10.5373/JARDCS%2fV12SP1%2f202010178&partnerID=40&md5=3891e4d8442e440d3f0c43da59a49430
An analysis of the loan operations and financial performance of kerala financial corporation (KFC)	Raju V.K., Chockalingam S.M.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2020	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079450004&doi=10.5373/JARDCS%2fV12SP1%2f20201138&partnerID=40&md5=cbb66109c888bc00e9f0a03b3d740d95
The influence of demographic factors on the customers of online-shopping with special reference to Kochi city	Varghese S., Nandini	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2020	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079435610&doi=10.5373/JARDCS%2fV12SP1%2f20201137&partnerID=40&md5=3a2ab2e7fdee5dc669606ecf49939d
Problems of women self help group members in Ernakulam district	Jose S., Chockalingam S.M., Velmurugan R.	Department of Commerce	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078857363&doi=10.22159%2fcr.07.01.25&partnerID=40&md5=2fc2931c4cc5c58b663223a3bd285199
A study on customer preference towards online shopping portals in coimbatore district	Mathan Kumar V., Naveena R.	Department of Commerce	International Journal of Scientific and Technology Research	2020	22778616	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078741689&partnerID=40&md5=1466672b6bc991cd32846adf39213
Design of new energetic materials based on derivatives of 1,3,5-trinitrobenzenes: A theoretical and computational prediction of detonation properties, blast impulse and combustion parameters	Balachandrar K.G., Thamangani A.	Department of Chemistry	Heliyon	2020	24058440	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077656968&doi=10.1016/j.heliyon.2020.e03163&partnerID=40&md5=2055847e01246d074a464657c18a9953
A bio-inspired approach of formulation and evaluation of Aegle marmelos fruit extract mediated silver nanoparticle gel and comparison of its antibacterial activity with antiseptic cream	Patil S., Muthusamy P.	Department of Microbiology	European Journal of Integrative Medicine	2020	18763820	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076183812&doi=10.1016/j.ej.2019.101025&partnerID=40&md5=6aefa3fcf10f770ea6140f55f65d1320

Effective information retrieval and feature minimization technique for semantic web data	Saravana Kumar C.S., Santhosh R.	Department of Computer Science and Engineering	Computers and Electrical Engineering	2020	457906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075195367&doi=10.1016%2Fcompeleceng.2019.106518&partnerID=40&md5=d72c76e10ad381d778d0646da69a4920
The effect of cryogenically treated drilling tool on GFRP composite drilling holes-A comparative study	Arun K., Ramesh Kannan C., Stalin B.	Department of Mechanical Engineering	Materials Today: Proceedings	2020	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098592348&doi=10.1016%2Fmatpr.2020.07.579&partnerID=40&md5=c5f5d15c4786edaca3a6430bb41bb93e
Performance analysis of wind turbine blade materials using nanocomposites	Ansal Muhammed K., Ramesh Kannan C., Stalin B.	Department of Mechanical Engineering	Materials Today: Proceedings	2020	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098534982&doi=10.1016%2Fmatpr.2020.07.578&partnerID=40&md5=14e04735b2edc84da756603588cdebe
Insights for integrative medicinal potentials of Ethiopian Kale (Brassica carinata): Investigation of antibacterial, antioxidant potential and phytochemicals composition of its leaves	Murugesan K., Mulugeta K., Hailu E., Tamene W., Alagar Yadav S.	Department of Biotechnology	Chinese Herbal Medicines	2020	16746384	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097374007&doi=10.1016%2Fchmed.2020.09.003&partnerID=40&md5=d9280cb9b5e3e198679080e05179cd0
Influence of temperature on tribological behaviour of dual reinforced aluminium mmcs	Shanmugasundaram P., Venkatesh D.P., Aasho N., Demeke N.T.	Department of Automobile Engineering	Journal of Mines, Metals and Fuels	2020	222755	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097131997&partnerID=40&md5=2c7d6ecea92dc0782fc50066b364c2a
Range frequency based distance computation technique for positioning in VANET	Shakeel P.M., Baskar S.	Department of Electronics and Communication Engineering	International Journal of Vehicle Information and Communication Systems	2020	14710242	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097023537&doi=10.1504%2Fijvics.2020.111447&partnerID=40&md5=7890397083c5211876f11f5f88d96
Processing of nanocomposites for biomedical applications	Kavimani V., Gopal P.M., Gupta K.	Department of Mechanical Engineering	Proceedings of the International Conference on Industrial Engineering and Operations Management	2020	21698767	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096606478&partnerID=40&md5=1f3a731ac5e05bcd309470a5d2972e80
A study on indirect immunofluorescence image classification methods for bioinformatics	Divya B.S., Subramaniam K., Nanjundaswamy H.R.	Department of Biochemistry	International Journal of Medical Engineering and Informatics	2020	17550653	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096340478&partnerID=40&md5=db9f997467605262679f3d161b942
A security-attribute-based access control along with user revocation for shared data in multi-owner cloud system	Raj S., Kumar B.A., Venkatesan G.K.D.	Department of Computer Science and Engineering	Information Security Journal	2020	19393555	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095721848&doi=10.1080%2F19393555.2020.1842568&partnerID=40&md5=78cb782f1cc2146ad103178e8bc6d4e6
Preparation and characterisation of starchy foods by plant polymers from abelmoschus esculentus agro waste and graciaria corticata-for commercial food applications	Archana G., Sukumar M.	Department of Biotechnology	Current Nutrition and Food Science	2020	15734013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094123406&doi=10.2174%2F1573401316666200319140530&partnerID=40&md5=9a66fee45ab50167269368f12832893
Hot-processed virgin coconut oil abrogates cisplatin-induced nephrotoxicity by restoring redox balance in rats compared to fermentation-processed virgin coconut oil	Narayanankutty A., Ilam S.P., Rao V., Shehabudheen S., Raghavamenon A.C.	Department of Biochemistry	Drug and Chemical Toxicology	2020	1480545	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092738624&doi=10.1080%2F01480545.2020.1831525&partnerID=40&md5=de946ab10ba3b486cb562911287a3575
Effect of Silica Rich CRT on Thrust Force, Temperature and Surface Finish in Drilling Magnesium Hybrid MMC	Gopal P.M., Soorya Prakash K., Ramesh Kumar S.	Department of Mechanical Engineering	Silicon	2020	1876990X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092702769&doi=10.1007%2F12633-020-00749-y&partnerID=40&md5=bfd8929253d6a79c162b64da9d009535
Study on Cyclic Response of Circular Spiral Confined Exterior Beam&CircledashColum Joints with Welded Wire Fabric	Asha P., Sundararajan R.	Department of Civil Engineering	Iranian Journal of Science and Technology - Transactions of Civil Engineering	2020	22286160	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092293473&doi=10.1007%2F40996-020-00472-z&partnerID=40&md5=86d89d357e139c31acc086c740597b
Material characterization and parametric optimization of unconventional machining of tin and tac reinforced stir casted vitallium metal matrix composite	Prabhu M., Shanmugasundaram P.	Department of Automobile Engineering	Materials Research	2020	15161439	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092266443&doi=10.1590%2F1980-5373-MR-2019-0317&partnerID=40&md5=430c6a19e075ec6c6b9c8126f9034
â&CircledashNatural Products Chemistry and Drug Design-2020&Circledash(Part-II)	Pandiyar R., Muthusami M.S., Ganapathy S., Lakshmanan H.	Department of Biochemistry	Cardiovascular and Hematological Agents in Medicinal Chemistry	2020	18715257	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090212147&doi=10.2174%2F18715257180220090431134&partnerID=40&md5=f75e8a9b3fd91ac03775282afbd3693
Antioxidant and anticancerous activities of biologically synthesized zinc oxide nanoparticles (Zn nps) from the rhizomes of curcuma longa	Jacob V., Rajiv P., Dhanasekaran S.	Department of Biotechnology	International Journal of Pharmaceutical Research	2020	9752366	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090202023&doi=10.31838%2Fijpr%2F2020.SP1.283&partnerID=40&md5=5c5a94a59990d2eff5412ed162abe78
Category classification of the training set combined with sentence multiplication for semantic data extraction using GENI algorithm	Shanmugam S.K.C., Rajendran S., Padmanabhan A., Chellan K.	Department of Computer Science and Engineering	Recent Advances in Computer Science and Communications	2020	26662558	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090653335&doi=10.2174%2F213275912666190218153753&partnerID=40&md5=565648229c1ed386595eb702a9ee6191
Novel COVID-19-the pandemic on planet earth-a brief insight into transmission, diagnosis and treatment-a review	Azhagu Saravana Babu P., Archana G., Divya Bharathi M., Muthusamy M., Jeya Pragash D., Jeba Sweetly J., Sybia Vasantha Pakiavathy I., Ushani U.	Department of Biotechnology	International Journal of Research in Pharmaceutical Sciences	2020	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088945985&doi=10.26452%2Fijrps.V11I1P1.2253&partnerID=40&md5=0c07bacb377eb6a74e879efc4be360d
Image compression using optimized wavelet filter derived from grey wolf algorithm	Ravi R.V., Subramaniam K.	Department of Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2020	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088835300&doi=10.1007%2F12652-020-02290-7&partnerID=40&md5=2a70a26fa995d5418db8d913910fb
FuzzyÂledashunordered rule induction algorithm based classification for reliable communication using wearable computing devices in healthcare	Kumar M.G.S., Dhulipala V.R.S., Baskar S.	Department of Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2020	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086831219&doi=10.1007%2F12652-020-02219-0&partnerID=40&md5=08e0Dec64ccc794fa6afC8c9ac81077
Characterization of aluminium hybrid composite reinforced with bagasse ash and graphite processed through squeeze casting	Sathish Kumar N., Harshavardhan K.P., Arul Murugan R.	Department of Mechanical Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086329100&doi=10.31838%2Fjcr.07.09.35&partnerID=40&md5=406b6db07dc7c2366838fb7c409e869
Emotion/Activity detection towards automatic vehicle control	Dinakaran K., Ashokkrishna Em.	Department of Computer Science and Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085122362&doi=10.31838%2Fjcr.07.06.29&partnerID=40&md5=6fcc204a320a407c42eb7338e196c270
Environmental effect and human responsibility: A review	Laxmi Deepak Bhatlu M., Bhaumik M., Sukanya K., Jayan N.	Department of Chemical Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085026345&doi=10.31838%2Fjcr.07.07.14&partnerID=40&md5=281534ab8a2a4b15466eb05d0d0c037
Effect of non-Newtonian fluids on the performance of plate type heat exchanger	Sukanya K., Laxmi Deepak Bhatlu M., Jayan N., Saranya K., Karthikeyan S.	Department of Chemical Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085014787&doi=10.31838%2Fjcr.07.07.180&partnerID=40&md5=890eb86d04987e2b9e9d152874c8b548
Shelf life and physicochemical evaluation of Azolla pinnata incorporated yogurt	Divya P., Kanimozhi K., Poornima S., Tamilarasu S.	Department of Biotechnology	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084987411&doi=10.31838%2Fjcr.07.07.140&partnerID=40&md5=0842cd04ea7941526d5c493ae6566aeaa
Energy management by using lithium-ion batteries, piezo materials, sensors and renewal energy system in the daily life: A review	Laxmi Deepak Bhatlu M., Bhaumik M., Sukanya K., Neethujayan, Karthikeyan S.	Department of Chemical Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084980928&doi=10.31838%2Fjcr.07.07.146&partnerID=40&md5=9d051656f5e75868f9f6a703a15d6fafa
A study on influence of industry 4.0 in the domestic, industrial and transportation sector	Laxmi Deepak Bhatlu M., Bhaumik M., Jayan N., Sukanya K.	Department of Chemical Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084966324&doi=10.31838%2Fjcr.07.07.148&partnerID=40&md5=59590ef0eecc5ed2d6278c689c5b557a2

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Multi Response Optimization on Machinability of SiC Waste Fillers Reinforced Polymer Matrix Composite Using Taguchi&C's Coupled Grey Relational Analysis	Kavimani V., Gopal P.M., Sumesh K.R., Kumar N.V.	Department of Mechanical Engineering	Silicon	2020	1876990X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094197184&doi=10.1007%2Fs12633-020-00782-x&partnerID=40&md5=312b10cb4094cce0a789a8c9abda232b
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Design of ensemble classifier using Statistical Gradient and Dynamic Weight LogitBoost for malicious tumor detection	Subash Chandra Bose S., Sivanandam N., Praveen Sundar P.V.	Department of Computer Application	Journal of Ambient Intelligence and Humanized Computing	2020	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087614042&doi=10.1007%2F12652-020-02219-z&partnerID=40&md5=ua726ed7214792afb7dd795aff7a38d90e
A new ensemble of texture descriptors based on local appearance-based methods for face anti-spoofing system	Thippeswamy G., Vinutha H., Dhanapal R.	Department of Computer Science and Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087437563&doi=10.31838%2Fcr.07.11.118&partnerID=40&md5=99a07e27f5415b76e9ae96381850e169
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Investigation on influence of process parameters in WEDM of hybrid aluminium composite processed through squeeze casting	Jayabalaji G., Manimaran P., Arun Shankar V.V.	Department of Mechanical Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085986471&doi=10.31838%2Fcr.07.09.41&partnerID=40&md5=d878e8976378602887f6e17e0f1f14e
An evaluation of microstructural effect on welding interface of welded samples	Miniappan P.K., Arun Shankar V.V., Saiyath Ibrahim A.	Department of Mechanical Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085982393&doi=10.31838%2Fcr.07.09.44&partnerID=40&md5=b57aa0da593af854dfcb0641ce3c7739
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Essentiality for bridging the gap between low and semantic level features in image retrieval systems: an overview	Nair L.R., Subramaniam K., PrasannaVenkatesan G.K.D., Baskar P.S., Jayasankar T.	Department of Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2020	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085892578&doi=10.1007%2F12652-020-02139-z&partnerID=40&md5=17735fc993979eb3ae7b1f10f722ba
MDRP: Message dissemination with re-route planning method for emergency vehicle information exchange	Meenaakshi Sundhari R.P., Murali L., Baskar S., Shakeel P.M.	Department of Electronics and Communication Engineering	Peer-to-Peer Networking and Applications	2020	19366442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085888216&doi=10.1007%2F12083-020-00936-z&partnerID=40&md5=7c1b27a7b60d523e6793227187ab0a
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Spectral analysis based differentiationfor EEG signals of children with autism	Arun Kumar B., Vijay S.A.A., Kumar K.S.	Department of Computer Science and Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083528319&doi=10.31838%2Fcr.07.04.168&partnerID=40&md5=2ec6089664475400c8fc245c596de184
Artificial intelligence in online shopping using natural language processing (NLP)	Selvapandian D., Mary R.U.N., Karthikeyan C.	Department of Computer Science and Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083527941&doi=10.31838%2Fcr.07.04.165&partnerID=40&md5=1d6bfe2d9978ad6978fb567df3b30231
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An efficient gature recognition for dumb and deaf people using iot	Tharageswari K., Kumar P.M.V., Kiruba J.	Department of Computer Science and Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083523807&doi=10.31838%2Fcr.07.04.162&partnerID=40&md5=ba999d553e50ebe8672346e5e1531e46
Google play store based applications for search rank fraud and malware detection	Tharageswari K., Vija S.A.A., Ramesh P.N.	Department of Computer Science and Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083506459&doi=10.31838%2Fcr.07.04.163&partnerID=40&md5=37c033514f6f82320dc40e18331bf13
An experimental approach to build consumer trust using cloud trust label	Hammed S.S., Chellaprabha B., Ramamani S.	Department of Computer Science and Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083504921&doi=10.31838%2Fcr.07.04.161&partnerID=40&md5=ffaec1c12ea1b5281d5e45078f8e8fb
A review on facial expression recognition systems	Hammed S.S., Sabanayagam A., Ramakalaivani E.	Department of Computer Science and Engineering	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083492662&doi=10.31838%2Fcr.07.04.173&partnerID=40&md5=d966303921924820e4135068d4b3683d

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Experimental investigation on AW 106 Epoxy/E-Glass fiber/nano clay composite for wind turbine blade	Ansar Muhammed K., Ramesh Kannan C., Stalin B., Ravichandran M.	Department of Mechanical Engineering	Materials Today: Proceedings	2020	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080072015&doi=10.1016%2Fmatpr.2019.04.221&partnerID=40&md5=45a2afac659327cc6d774292f87e304
Ultrasonic sensors-assisted corrosion studies on surface coated AISI304 alloy die castings	Hu Y.-C., Selvaraj S.K., Subramanian M., Srinivasan K., Narayanan S.	Department of Mechanical Engineering	Coatings	2020	20796412	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079112668&doi=10.3390%2Fcoatings10010085&partnerID=40&md5=9ed9444db8435094cb14a297f156eaf
Offline study for implementing human computer interface for elderly paralysed patients using electrooculography and neural networks	Ramkumar S., Kumar K.S., Maheswari K., Priya P.P.A., Emayavaramban G., Navamani J.M.A.	Department of Electrical and Electronics Engineering	International Journal of Intelligent Enterprise	2020	17453232	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078843904&doi=10.1504%2Fijie.2020.104658&partnerID=40&md5=128c763884602899c47a6e8e93da80a
An experimental investigation on properties of concrete by using silica fume and glass fibre as admixture	Hemavathi S., Sumil Kumaran A., Sindhu R.	Department of Civil Engineering	Materials Today: Proceedings	2020	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078732521&doi=10.1016%2Fmatpr.2019.06.558&partnerID=40&md5=7960e0b089e4a12609021fb13491bc2a
Combined adjustment of injection timing and compression ratio for an agricultural diesel engine fuelled with Nahar methyl ester	Dash S.K., Lingfa P., Barik D.	Department of Mechanical Engineering	International Journal of Ambient Energy	2020	1430750	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078596831&doi=10.1080%2F030750.2020.1712250&partnerID=40&md5=4d2ab70b5a803979f956f0063936a6c
Purification and characterization of β -galactosidase from newly isolated <i>Aspergillus terreus</i> (KUBCF1306) and evaluating its efficacy on breast cancer cell line (MCF-7)	Vidya B., Palaniswamy M., Angayarkanni J., Ayub Nawaz K., Thandeewaran M., Krishna Chaitanya K., Teklu B., Muthusamy K., Gopalakrishnan V.K.	Department of Biochemistry	Bioorganic Chemistry	2020	452068	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076039444&doi=10.1016%2Fbioorg.2019.103442&partnerID=40&md5=bbaca103813ade461b59baeb323f3b6
Task Identification System for Elderly Paralyzed Patients Using Electrooculography and Neural Networks	Ramkumar S., Emayavaramban G., Sathesh Kumar K., Macklin Abraham Navamani J., Maheswari K., Packia Amutha Priya P.	Department of Electrical and Electronics Engineering	EAI/Springer Innovations in Communication and Computing	2020	25228595	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075887870&doi=10.1007%2F978-3-030-19562-5_15&partnerID=40&md5=f6b831ac7e24fe77bacc7d9309f297
Batch adsorption of acid blue 113 dye from aqueous solution using surfactant-modified zeolite	Balarak D., Abasizdeh H., Jalalzay Z., Rajiv P., Vanathi P.	Department of Biotechnology	Indian Journal of Environmental Protection	2020	2537141	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097024406&partnerID=40&md5=cdb19731b16e717c2d7f991d9a7ab
An experimental study on the mechanical properties of concrete replacing sand with quarry dust and waste foundry sand	Kumar A., Pratheba S., Rajendran R., Perumal K., Lingeshwaran N., Susmitha S.	Department of Civil Engineering	Materials Today: Proceedings	2020	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096488976&doi=10.1016%2Fmatpr.2020.06.271&partnerID=40&md5=37c91136637c3d3ac4c13e9dbb66194b
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Investigation on mechanical properties of ZrO ₂ , C and AA6061 metal matrix composites	Pandiyarajan R., Maran P., Marimuthu S., Prabakaran M.P.	Department of Mechanical Engineering	Advances in Materials and Processing Technologies	2020	2374068X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089737175&doi=10.1080%2F2374068X.2020.1810346&partnerID=40&md5=42f0a1eb0e0ff565356dc0b158e8b7db
Phytochemical screening and in vitro antioxidant activities of ethanolic leaf extract of <i>Anogeissus leiocarpa</i>	Gebrehiwot T.Y., Krishna Chaitanya K., Hagos Z., Hiruy M., Poimima K., Kamalakaraa K., Gopalakrishnan V.K.	Department of Biochemistry	Drug Invention Today	2020	9757619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087759294&partnerID=40&md5=ff6d1fd11d50ba8e8681de6fb56354db
Microalgal liquid biofertilizer and biostimulant effect on green gram (<i>Vigna radiata</i> L.) an experimental cultivation	Dineshkumar R., Duraimurugan M., Sharmiladevi N., Lakshmi L.P., Rasheeq A.A., Arumugam A., Sampathkumar P.	Department of Microbiology	Biomass Conversion and Biorefinery	2020	21906815	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087756564&doi=10.1007%2Fs13399-020-00857-0&partnerID=40&md5=d8677b556fed1a1714d8f1800c4ac8973
Impact of third-grade nanofluid flow across a convective surface in the presence of inclined Lorentz force: an approach to entropy optimization	Loganathan K., Mohana K., Mohanraj M., Sakthivel P., Rajan S.	Department of mathematics	Journal of Thermal Analysis and Calorimetry	2020	13886150	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084823653&doi=10.1007%2Fs10973-020-09751-3&partnerID=40&md5=922935fb6da28d263d76ec075f6f59
Fuzzy rule-based environment-aware autonomous mobile robots for actuated touring	Arun K.K., Mydhilli S.K., Baskar S., Shakeel P.M.	Department of Electronics and Communication Engineering	Intelligent Service Robotics	2020	18612776	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084132105&doi=10.1007%2Fs11370-020-00320-z&partnerID=40&md5=6711eff7d4862028b08288f6a971e645
Hybrid fuzzy based spearman rank correlation for cranial nerve palsy detection in IoT environment	Baskar S., Dhulipala V.R.S., Shakeel P.M., Sridhar K.P., Kumar R.	Department of Electronics and Communication Engineering	Health and Technology	2020	21907188	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081316598&doi=10.1007%2Fs12553-019-00294-8&partnerID=40&md5=961f48b932974ab7bb90582d231f405
Luminescence and nonlinear optical properties of Er ³⁺ -doped ZnWO ₄ nanostructures	Mani Rahulana K., Flower A.L., Padmanathan N., Mahendra A., Shekhawat V., Vinitha G., Annie Sujatha R., Shivkumar M.A.	Department of Physics	Journal of Photochemistry and Photobiology A: Chemistry	2020	10106030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072856987&doi=10.1016%2Fj.jphotochem.2019.112128&partnerID=40&md5=91a0cb6763e7d0c615efa3fa5304f0c8
Effect of TiB ₂ on the Corrosion Resistance Behavior of In Situ Al Composites	Senthil Kumar P., Kavimani V., Soorya Prakash K., Murali Krishna V., Shanthos Kumar G.	Department of Mechanical Engineering	International Journal of Metalcasting	2020	19395981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065231155&doi=10.1007%2Fs40962-019-00330-3&partnerID=40&md5=1905a12d7a3b8688562731f2ba301c0b
Software Effort Estimation Using Modified Fuzzy C Means Clustering and Hybrid ABC-MCS Optimization in Neural Network	Azath H., Mohanapriya M., Rajalakshmi S.	Department of Computer Science and Engineering	Journal of Intelligent Systems	2020	3341860	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041398956&doi=10.1515%2Fijisys-2017-0121&partnerID=40&md5=f03f94946bc9bc216dc6380ee1034a9e
Mechanical, water absorption and wear characteristics of novel polymeric composites: Impact of hybrid natural fibers and oil cake filler addition	Sumesh K.R., Kavimani V., Rajeshkumar G., Indran S., Khan A.	Department of Mechanical Engineering	Journal of Industrial Textiles	2020	15280837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095754348&doi=10.1177%2F1528083720971344&partnerID=40&md5=96503d9d1f0acb55ae99e8204070385
Structural Elucidation and Position Identification of Cu(II) ion in Hexaazainc[diacubismalonto]sinate: Single Crystal EPR and Optical Studies	Parthiban A., Lingam K.A.P., Mangalaraj S., Muthukrishnan P., Surendiran M.	Department of Chemistry	Journal of Cluster Science	2020	10407278	http://www.scopus.com/inward/record.uri?eid=2-s2.0-85092396200&doi=10.1007%2Fs10876-020-01902-01902-8&partnerID=40&md5=9b6b8bbd7d2f60b86e1dbd3f1e711a18
An Investigation into the Mechanical and Wear Characteristics of Hybrid Composites: Influence of Different Types and Content of Biodegradable Reinforcements	Sumesh K.R., Kavimani V., Rajeshkumar G., Ravikumar P., Indran S.	Department of Mechanical Engineering	Journal of Natural Fibers	2020	15440478	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091346335&doi=10.1080%2F15440478.2020.1821297&partnerID=40&md5=3806605ad7becae1654b7425fd302a8
Bioactive sterol derivatives isolated from the pleurotus djamar var. Roseus induced apoptosis in cancer cell lines	Jagadeesh R., Babu G., Lakshmanan H., Oh O.M.-J., Jang J.K.-Y., Kong K.W.-S., Raaman N.	Department of Biochemistry	Cardiovascular and Hematological Agents in Medicinal Chemistry	2020	18715257	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090203998&doi=10.2174%2F1871525718666200303123557&partnerID=40&md5=e513cf62c0bc7e8002b30e7695f822
Analytical Study of Radiative Casson Nanoliquid Flow with Heat Absorption	Loganathan K., Tamilvanan K., Viloria A., Varela N., Lezama O.B.P.	Department of mathematics	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2020	3029743	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088745853&doi=10.1007%2F978-3-030-53956-6_63&partnerID=40&md5=1c1e0adadef13bc0cd4c26f30e8438

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A study on women empowerment through Self- help groups with special reference to villupuram district in Tamil Nadu	Senthilkumar C.B., Dharmaraj A.A., Indhumathi B.C., Selvam C.V., Kandeepan E.	Department of Commerce	Journal of Critical Reviews	2020	23945125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085913348&doi=10.31838%2fcr.07.06.62&partnerID=40&md5=77a38457ed5a5d0c771afa3fc08f66
Effect of DHT−induced hyperandrogenism on the pro−inflammatory cytokines in a rat model of polycystic ovary morphology	Krishnan A., Muthusami S., Periyasamy L., Stanley J.A., Gopalakrishnan V., Ramachandran I.	Department of Biochemistry	Medicina (Lithuania)	2020	1010660X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080930554&doi=10.3390%2fmedicina56030100&partnerID=40&md5=574328ae6ab24aa6062454aa59ea1b0d
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Synthesis and characterization of crystalline perfection on L-Lysine co-doping glycine barium chloride/CGH14N2O2 (L-LGBCAC) single crystal for NLO materials	Saminathan P., Senthilkumar M., Shanmugan S., Selvaraju P., Janarthanan B., Sadasivuni K.K.	Department of Physics	Materials Today: Proceedings	2020	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092309436&doi=10.1016%2fmatpr.2020.04.496&partnerID=40&md5=63e1814d9a06ed5d251be7599280269a
Computational Analysis of Third-Grade Liquid Flow with Cross Diffusion Effects: Application to Entropy Modeling	Loganathan K., Sagayaraj A.C., Viloria A., Varela N., Lezama O.B.P., Ortiz-Ospino L.	Department of mathematics	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2020	3029743	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088741705&doi=10.1007%2978-3-030-53956-6_48&partnerID=40&md5=1424aa5f34b3fdad3ee1afa540e205d
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Tribo-Surface Characteristics and Wear Behaviour of SiC/r-GO/Mg Composite Worn under Varying Control Factor	Kavimani V., Prakash K.S., Starvin M.S., Kalidas B., Viswamithran V., Arun S.R.	Department of Mechanical Engineering	Silicon	2020	1876990X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061663419&doi=10.1007%2s12633-019-0095-2&partnerID=40&md5=89bca2780a2cd52bbdfbf17a45121d2c
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Apoptotic induction and anti-metastatic activity of eugenol encapsulated chitosan nanopolymer on rat glioma C6 cells via alleviating the MMP signaling pathway	Li Z., Veeraghavan V.P., Mohan S.K., Bolla S.R., Lakshmanan H., Kumaran S., Aruni W., Aladresi A.A.M., Shair O.H.M., Alharbi S.A., Chinnathambi A.	Department of Biochemistry	Journal of Photochemistry and Photobiology B: Biology	2020	10111344	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077660843&doi=10.1016%2fj.jphotobiol.2019.11.773&partnerID=40&md5=937c89141c61733c61c628cc6111
Case Study and Analysis of Ecological Restoration Plan of Lakes in Coimbatore	Natarajan M., Johnpaul V., Sindhu R., Jayalakshmi K.	Department of Civil Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099266385&doi=10.1088%2f1757-899X%2f1006%2f1%2f012006&partnerID=40&md5=b03bfa8af350a9cf59909bee343ae9c
Study on Environmental Contamination and Assessment of the Impact of Municipal Solid Waste on Soil at the Vellore Dumping Yard, Coimbatore City.	Pratheba S., Johnpaul V., Balasundaram N.	Department of Civil Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099233361&doi=10.1088%2f1757-899X%2f1006%2f1%2f0120103&partnerID=40&md5=8e75f1c1c22da59e47c4de4281a25b
Preparation of Inundation Maps by Developing Unsteady Flow Model of Pamba River- Decision Support System for Disaster Management	Johnpaul V., Jayakumar C.R., Sindhu R., Balasundaram N., Solai Mathi S.	Department of Civil Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099201091&doi=10.1088%2f1757-899X%2f1006%2f1%2f012003&partnerID=40&md5=972837cd4c38db2b2c1c839bf224683e
An Experimental Study on Rehabilitation of Concrete Beam	Sindhu R., Johnpaul V., Sunil Gulab S., Subash P., Sohail Ahamed Z.	Department of Civil Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099180612&doi=10.1088%2f1757-899X%2f1006%2f1%2f012011&partnerID=40&md5=c5a5b8aee39379b2c944508306d40d
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Mechanical Properties of Concrete with Bottom Ash as Partial Replacement of Fine Aggregate	Solai Mathi S., Johnpaul V., Riyas P.R.	Department of Civil Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099184511&doi=10.1088%2f1757-899X%2f1006%2f1%2f012011&partnerID=40&md5=370ce70ab147658e0cb05242fada3
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Smart phone assisted quinine-hemicanine based fluorescent probe for the selective detection of glutathione and the application in living cells	Mani K.S., Rajamanikandan R., Ilanchelian M., Muralidharan N., Jothi M., Rajendran S.P.	Department of Chemistry	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2020	13861425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089437221&doi=10.1016%2fj.saa.2020.118809&partnerID=40&md5=19c339ced02c70b0f010355703c285912
Finite Element Analysis of Automotive Truck Chassis	Vijayakumar M.D., Ramesh Kannan C., Manivannan S., Vairamuthu J., Tilahun S., Bupathi Ram P.M.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098539103&doi=10.1088%2f1757-899X%2f988%2f1%2f012114&partnerID=40&md5=4f8a4eb03a388c2460ecc7d1c4cf2
A Review on Ultrasonic Welding of Various Materials and Their Mechanical Properties	Tilahun S., Vijayakumar M.D., Ramesh Kannan C., Manivannan S., Vairamuthu J., Manoj Kumar K.P.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098538025&doi=10.1088%2f1757-899X%2f988%2f1%2f012113&partnerID=40&md5=5c5a260733a1456d84595f5f1371fb85
Electrochemical studies and corrosion resistance of activated Tungsten inert gas AISI SS316L weldments	Manivannan S., Vairamuthu J., Velmurugan P., Janaki Manohar N., Ramesh Kannan C., Stalin B.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098500939&doi=10.1088%2f1757-899X%2f988%2f1%2f012107&partnerID=40&md5=82b4f7c1cde5b6b6bcb0839ef9f242
Design and Analysis of Die for Brake Hose Bracket	Manohar J., Ramesh Kannan C., Manivannan S., Vairamuthu J., Velmurugan P., Stalin B.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098596289&doi=10.1088%2f1757-899X%2f988%2f1%2f012108&partnerID=40&md5=2d571a38a9910d302a2e940a0ab078a7d
Vibration Analysis of Cutting Tool Insert in Turning of 42CrMo4 alloy steel	Ramesh Kannan C., Manivannan S., Vairamuthu J., Velmurugan P., Manohar N.J., Stalin B.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098593913&doi=10.1088%2f1757-899X%2f988%2f1%2f012105&partnerID=40&md5=05a30672745dc2e7e68ee12151c6d
A Study on development of Induction Welding of Thermoplastic Composites	Velmurugan P., Manohar J., Ramesh Kannan C., Manivannan S., Vairamuthu J., Stalin B.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098593785&doi=10.1088%2f1757-899X%2f988%2f1%2f012109&partnerID=40&md5=18ad3b487376099b2574d5a4b0612b6
Wear experimentation and parametric optimization on synthesized copper titanium composite	Vairamuthu J., Velmurugan P., Janaki Manohar N., Ramesh Kannan C., Manivannan S., Stalin B.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098588150&doi=10.1088%2f1757-899X%2f988%2f1%2f012106&partnerID=40&md5=71be6201553d0a8c36b709b69b0347
The influence of rare earth cerium addition on mechanical and corrosion properties cast Mg-Gd-12n magnesium alloy	Manivannan S., Vairamuthu J., Tilahun S., Vijayakumar M.D., Ramesh Kannan C., Stalin B.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098572928&doi=10.1088%2f1757-899X%2f988%2f1%2f012111&partnerID=40&md5=ccdc8c7a06f309515d41392a9965c5658
CNC Machining parameters optimization of AA7050 with reinforcement of ZrO2composites	Mohanavel V., Vairamuthu J., Ramesh Kannan C., Stalin B., Balaji R., Venkatesha P., Suresh Kumar S.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098564648&doi=10.1088%2f1757-899X%2f988%2f1%2f012120&partnerID=40&md5=ccda91a3f1e0e2c69a6c80f3ba369d2f
The squeeze casting parametric effect on magnesium metal matrix composite	Vairamuthu J., Tilahun S., Vijayakumar M.D., Ramesh Kannan C., Manivannan S., Stalin B.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098548028&doi=10.1088%2f1757-899X%2f988%2f1%2f012112&partnerID=40&md5=23d298d8619a2c175d789c14f40c6
Investigation of cryogenic soaking period on flank wear in turning using Response Surface Methodology	Ramesh Kannan C., Manivannan S., Vairamuthu J., Tilahun S., Vijayakumar M.D., Stalin B.	Department of Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2020	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098545560&doi=10.1088%2f1757-899X%2f988%2f1%2f012110&partnerID=40&md5=336a24aded7cdcaed0c668986aed9d53

Altering Extracellular Biopolymers and Water Distribution of Waste Activated Sludge by Fe(II) Persulfate Oxidation with Natural Zeolite and Polyelectrolyte as Skeleton Builders for Positive Feedbacks to Dewaterability	Wang J., Tan Y., Pan Y., Zhen G., Lu X., Song Y., Zhao Y., Ushani U.K.	Department of Biotechnology	ACS Sustainable Chemistry and Engineering	2019	21680485	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072902602&doi=10.1021%2Facsuschemeng.9b03842&partnerID=40&md5=f94b6bceea34a627a0d6dee4703464d
Analysis of a bulk queue with unreliable server, immediate feedback, N-policy, Bernoulli schedule multiple vacation and stand-by server	Ayyappan, G.; Karpagam, S.	Department of Computer Science and Engineering	AIN SHAMS ENGINEERING JOURNAL	2019	2090-4479	https://www.scopus.com/record/display.uri?eid=2-s2.0-85065010972&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=abdd13e42819f53a22f1960051ad7037d&ot=b&dt=b&sl=151&s=TITLE-ABS-KEY+%28Analysis+of+a+bulk+queue+with+unreliable+server%2c+immediate+feedback%2c+N-policy%2c+Bernoulli+schedule+multiple+vacation+and+stand-by+server%29&relpos=0&citeCnt=3&searchTerm=
Structural and optical properties of Zn 0.98 T 0.02 S (T=Mn, Cu, Ni, Co, Cr, Cd & Sn) quantum dots: A comparative study	Sakthivel P., Venkatesan G.K.D.P., Subramaniam K., Jayakumar S.	Department of Physics	AIP Conference Proceedings	2019	0094243X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065311164&doi=10.1063%2F1.5098594&partnerID=40&md5=f83c274945a4a2c720d3d0a4752a3e08
Study of anticorrosive nature of spray coated titanium dioxide and nickel oxide composite thin films on stainless steel in briny surroundings	Muhammed Shajudeen V.P., Saravana Kumar S., Senthil Kumar V., Uma Maheswari A., Sivakumar M., Mohan S.R.	Department of Physics	AIP Conference Proceedings	2019	0094243X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074749700&doi=10.1063%2F1.5130250&partnerID=40&md5=fd876f0a9cc41284c47366a7cae9dbec
Thermal plasma processing of spherical ZnO nano powders	Jayakumar S., Poongkothai J., Venkatesan G.K.D.P., Sakthivel P., Subramaniam K.	Department of Physics	AIP Conference Proceedings	2019	0094243X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065287625&doi=10.1063%2F1.5098589&partnerID=40&md5=ffc37dd4514533e8c154bbd3e284ad43
A Hybrid CS-ABC optimization technique for Solving Unit Commitment Problem with Wind Power Uncertainty	Amudha A., Varghese M.P.	Department of Electrical and Electronics Engineering	Applied Mathematics and Information Sciences	2019	19350090	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074418168&doi=10.12785%2Famis%2F1amudha&partnerID=40&md5=26d39178878ed4f32637b0cbb1f64b4
Structural, optical, electrochemical, and antibacterial features of ZnS nanoparticles: Incorporation of Sn	Kumar R., Sakthivel P., Mani P.	Department of Physics	Applied Physics A: Materials Science and Processing	2019	9478396	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069543780&doi=10.1007%2F00339-019-2823-2&partnerID=40&md5=6926191770F58e08d4ab08ac95b4a87f
Stigmastanol extracted from Ficus hispida leaves as a green inhibitor for the mild steel corrosion in 1 M HCl solution	Muthukrishnan P., Prakash P., Jayaprabha B., Shankar K.	Department of Chemistry	Arabian Journal of Chemistry	2019	18785352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8495090451&doi=10.1016%2F.arabic.2019.09.005&partnerID=40&md5=5ed616c2d5b8840c680914897abafdbf
A vision-based surface roughness measurement using a geometric search technique	Nithyanantham N., Prathapchandran K., Suresh P.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2019	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061340062&partnerID=40&md5=cab486ac1445f6dcb9c02ba618d382a1
Synthesis and characterization of 2-phenylpyrazoline derivatives and evaluation of their activities against antimicrobial and breast cancer cell line in vitro and in silico studies	Chinnamanayakar R., Ezhilarasi M.R.	Department of Chemistry	Asian Journal of Chemistry	2019	9707077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8506661722&doi=10.14233%2Fajchem.2019.21915&partnerID=40&md5=0a50c7d0b0122b8eb940cd4bf3a999
Synthesis and characterization of 2-pyrazoline derivatives and their in silico and in vitro studies on antimicrobial and anticancer activities	Rathinamanivannan S., Megha K., Chinnamanayakar R., Kumar A., Ezhilarasi M.R.	Department of Chemistry	Asian Journal of Chemistry	2019	9707077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071477591&doi=10.14233%2Fajchem.2019.22082&partnerID=40&md5=5294923134cbb3fa9756d25611d31c
In vivo anti cancer potential of pyrogallol in murine model of colon cancer	Revathi S., Hakkim F.I., Kumar N.R., Bakshi H.A., Sangilimuthu A.Y., Tambuwala M.M., Changez M., Nasef M.M., Krishnan M., Kayalvizhi N.	Department of Biotechnology	Asian Pacific Journal of Cancer Prevention	2019	15137368	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072652664&doi=10.31557%2FAPJCP.2019.20.9.2645&partnerID=40&md5=387571aaeae0a928af6603bafef7b9
Multi-targeting cytotoxic drug leads from mushrooms	Chaitanya, M. V. N. L.; Jose, Asha; Ramalingam, P.; Mandal, S. C.; Kumar, P. Narendra	Department of Microbiology	ASIAN PACIFIC JOURNAL OF TROPICAL MEDICINE	2019	1995-7645	https://www.scopus.com/record/display.uri?eid=2-s2.0-85076813679&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=6eb8a739e35a12060772a7e5bc06540&ot=b&dt=b&sl=67&sl=TITLE-ABS-KEY+%28Multi-targeting+cytotoxic+drug+leads+from+mushrooms%29&relpos=0&citeCnt=2&searchTerm=
Effective image data points extraction via decision tree based on feature classifier	Sasireka C.S., Santhosh R.	Department of Computer Science and Engineering	Automatika	2019	51144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064711214&doi=10.1080%2F00051144.2019.1576966&partnerID=40&md5=08cbec4924ac0c68347a140aa3e5dd24
Zaleya decandra exerts anti-cancer activity in HCT-116 cancer cells by impairing mitochondrial activity	Deivasigamani M., Chandrasekar A.K., Muthusami S., Kannappan G.V., Lakshmanan H.	Department of Biochemistry	Bangladesh Journal of Pharmacology	2019	1991007X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8507691805&doi=10.3329%2Fbjp.v4i44.42098&partnerID=40&md5=6651e4f7fce65708da73cc34ad18080b
Curtobacterium sp. MA01 generates oxidative stress to inhibit the plant growth	Pugazhendhi A., Radhakrishnan R., Duc P.A.	Department of Microbiology	Biocatalysis and Agricultural Biotechnology	2019	18788181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079090903&doi=10.1016%2F.bcab.2019.10127&partnerID=40&md5=1f3359a05b911539b62a2a234a03433f
Exposure of magnetic waves stimulates rapid germination of soybean seeds by enzymatic regulation in cotyledons and embryonic axis	Radhakrishnan R.	Department of Microbiology	Biocatalysis and Agricultural Biotechnology	2019	18788181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079100172&doi=10.1016%2F.bcab.2019.101273&partnerID=40&md5=72e2187b3ec059b8fa539b2219741305
Anti-inflammatory effects of 3-formyl, 7-flavonols derivatives by microwave enhanced chemistry assisted - Vilsmeier haack synthesis	Karpakavalli M., Sangilimuthu A.Y., Usha Raja Nanthini A., Nagaraja Perumal G., Mohan S., Sivakumar T.	Department of Biotechnology	Biomedical and Pharmacology Journal	2019	9746242	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077921014&doi=10.13005%2Fbjp%2F1809&partnerID=40&md5=65f750de49671128b76cf381ad6149d
Robust feature sets for contraction level invariant control of upper limb myoelectric prosthesis	Iqbal N.V., Subramaniam K., Asmi P. S.	Department of Electronics and Communication Engineering	Biomedical Signal Processing and Control	2019	17468094	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061782244&doi=10.1016%2F.bspc.2019.02.010&partnerID=40&md5=eb8597bd8417eab3f3f86d63b0824fcb
Enhanced blue-light emission on Cd0.9-xZn0.1CrS(0 <= x <= 0.05) quantum dots	Devadoss, I.; Sakthivel, P.; Muthukumar, S.; Sudhakar, N.	Department of Physics	CERAMICS INTERNATIONAL	2019	0272-8842	https://www.scopus.com/record/display.uri?eid=2-s2.0-85056693216&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=4fc4037ae830ea90d130484374d56290&ot=b&dt=b&sl=66&sl=TITLE-ABS-KEY+%28Enhanced+blue-light+emission+on+Cd+++quantum+dots%29&relpos=2&citeCnt=11&searchTerm=
Enhanced blue-light emission on Cd0.9-xZn0.1CrS(0 <= x <= 0.05) quantum dots	Devadoss I., Sakthivel P., Muthukumar S., Sudhakar N.	Department of Physics	Ceramics International	2019	2728842	https://www.scopus.com/record/display.uri?eid=2-s2.0-85056693216&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=4fc4037ae830ea90d130484374d56290&ot=b&dt=b&sl=66&sl=TITLE-ABS-KEY+%28Enhanced+blue-light+emission+on+Cd+++quantum+dots%29&relpos=2&citeCnt=11&searchTerm=
A greener and microwave-mediated synthesis and spectral studies of β -aminomethylhydroxycoumarins	Muthusaravanan S., Teju E., Thangamani A.	Department of Chemistry	Chemical Data Collections	2019	24058300	https://www.scopus.com/record/display.uri?eid=2-s2.0-85061437781&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=a080997241c770153e2187f1a255861&ot=b&dt=b&sl=113&sl=TITLE-ABS-KEY+%28A+greener+and+microwave-mediated+synthesis+and+spectral+studies+of+%C%b%2Faminomethylhydroxycoumarins%29&relpos=0&citeCnt=0&searchTerm=

Statistical optimization and kinetic study on biodiesel production from a potential non-edible bio-oil of wild radish	Senthilkumar, Chokkalingam; Krishnaraj, Chandrasekaran; Sivakumar, Pandian; Sircar, Anirbid	Department of Chemistry	CHEMICAL ENGINEERING COMMUNICATIONS	2019	1563-5201	https://www.scopus.com/record/display.uri?eid=2-s2.0-85057528044&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=7079505167791e9951cb92d983138&ot=b&sd=b&sl=133&=TITLE-ABS-KEY+%28statistical+optimization+and+kinetic+study+on+biodiesel+production+from+a+potential+non-edible+bio-oil+of+wild+radish%29&relpos=0&citeCnt=9&searchTerm=
Insight into Triphenylamine Donor Thiazole Acceptor Conjugated Oligomer to Analyze Emission Behavior towards Aggregation Pathway	Jagadeesan, Senthilperumal; Mahesh, Konagalur; Karpagam, Subramanian	Department of Biochemistry	CHEMISTRYSELECT	2019	2365-6549	https://www.scopus.com/record/display.uri?eid=2-s2.0-85074127343&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=7dfe94eaa05ff67ae40b8ce229ea88c&ot=b&sd=b&sl=144&=TITLE-ABS-KEY+%28insight+into+triphenylamine+donor+thiazole+acceptor+conjugated+oligomer+to+analyze+emission+behavior+towards+aggregation+pathway%29&relpos=0&citeCnt=0&searchTerm=
A rough set calibration scheme for energy effective routing protocol in mobile ad hoc networks	Sathish Kumar S., Manimegalai P., Karthik S.	Department of Electronics and Communication Engineering	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075603989&doi=10.1007%2Fs10586-018-2156-5&partnerID=40&md5=00f7c03add5af2f879f9c45915fab6
A secure and efficient cluster based location aware routing protocol in MANET	Jamaesha S.S., Bhavani S.	Department of Electronics and Communication Engineering	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040674730&doi=10.1007%2Fs10586-018-1703-4&partnerID=40&md5=fcb41d1f6001ca79cfd02ba5253f78
An adaptive signal strength based localization approach for wireless sensor networks	Kiruthiga G., Mohanpriya M.	Department of Computer Science and Engineering	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027530304&doi=10.1007%2Fs10586-017-10927-3&partnerID=40&md5=51004101b603e2058bfa10b062303a0
Congestion control and packet recovery for cross layer approach in MANET	Gowtham M.S., Subramaniam K.	Department of Electronics and Communication Engineering	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040371478&doi=10.1007%2Fs10586-017-1548-2&partnerID=40&md5=c15d75b119743caa70c59497273c7fd
Fuzzy enhanced secure multicast routing for improving authentication in MANET	Brindha V., Karthikeyan T., Manimegalai P.	Department of Electronics and Communication Engineering	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045064077&doi=10.1007%2Fs10586-017-1282-9&partnerID=40&md5=a1163e61afbea959f5d6180dd0d1e5c
Map-Reduce framework based cluster architecture for academic student's performance prediction using cumulative dragonfly based neural network	VeeraManickam M.R.M., Mohanpriya M., Pandey B.K., Akhade S., Kale S.A., Patil R., Vigneshwar M.	Department of Computer Science and Engineering	Cluster Computing	2019	13867857	https://www.scopus.com/record/display.uri?eid=2-s2.0-85041496121&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=554a20ccdd9e1c843a96d5d7922ba558&ot=b&sd=b&sl=157&=TITLE-ABS-KEY+%28Map-Reduce+framework+based+cluster+architecture+for+academic+student%29&relpos=0&modif=error+normalization+using+cumulative+dragonfly+based+neural+network%29&relpos=0&citeCnt=11&searchTerm=
Multi objective trust optimization for efficient communication in wireless M learning applications	Ashwin M., Kamalraj S., Azath M.	Department of Computer Science and Engineering	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029580886&doi=10.1007%2Fs10586-017-1158-z&partnerID=40&md5=ef0d20a9ecd50e8456dcdf980e7f888
Secure and efficient data forwarding in untrusted cloud environment	Ramachandran B., Subramanian K.	Department of Computer Science and Engineering	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043688625&doi=10.1007%2Fs10586-018-2240-x&partnerID=40&md5=96d915e9c8d726045e6572cbfeb749b2
Utilization of compact genetic algorithm for optimal shortest path selection to improve the throughput in mobile Ad-Hoc networks	ThamaraiKannan N., Kamalraj S.	Department of Computer Science and Engineering	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043472678&doi=10.1007%2Fs10586-018-2238-4&partnerID=40&md5=30dabae923672c3740291ba3d4d8393
FPGA implementation of modified error normalized LMS adaptive filter for ECG noise removal	Venkatesan, C.; Karthigaikumar, P.; Varatharajan, R.	Department of Engineering	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2019	1386-7857	https://www.scopus.com/record/display.uri?eid=2-s2.0-85040772877&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=8cc45abc1335379cb87de23820c9160&ot=b&sd=b&sl=106&=TITLE-ABS-KEY+%28FPGA+implementation+of+modified+error+normalized+LMS+adaptive+filter+for+ECG+noise+removal%29&relpos=0&citeCnt=9&searchTerm=
Map-Reduce framework based cluster architecture for academic student's performance prediction using cumulative dragonfly based neural network	VeeraManickam, M. R. M.; Mohanpriya, M.; Pandey, Bishwajeet K.; Akhade, Sushma; Kale, S. A.; Patil, Reshma; Vigneshwar, M.	Department of Computer Science and Engineering	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2019	1386-7857	https://www.scopus.com/record/display.uri?eid=2-s2.0-85041496121&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=554a20ccdd9e1c843a96d5d7922ba558&ot=b&sd=b&sl=157&=TITLE-ABS-KEY+%28Map-Reduce+framework+based+cluster+architecture+for+academic+student%29&relpos=0&modif=error+normalization+using+cumulative+dragonfly+based+neural+network%29&relpos=0&citeCnt=11&searchTerm=
Secure location aware routing protocol with authentication for data integrity	Gopinath, S.; Kumar, K. Vinoth; Sankar, T. Jaya	Department of Computer Science and Engineering	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2019	1386-7857	https://www.scopus.com/record/display.uri?eid=2-s2.0-85045038770&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=aca60d41b724d2ad0a19a4d6421e720&ot=b&sd=b&sl=93&=TITLE-ABS-KEY+%28secure+location+aware+routing+protocol+with+authentication+for+data+integrity%29&relpos=0&citeCnt=9&searchTerm=
Transient Analysis of a Repairable Single Server Queue with Working Vacations and System Disasters	Suranga Sampath M.I.G., Kalidass K.	Department of mathematics	Communications in Computer and Information Science	2019	18650929	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077494493&doi=10.1007%2Fs978-3-030-36625-4_21&partnerID=40&md5=cc3b0727b04644e32bef2dab6743471
Influence of machining parameters on wire electrical discharge machining performance of reduced graphene oxide/magnesium composite and its surface integrity characteristics	Kavimani V., Prakash K.S., Thankachan T.	Department of Mechanical Engineering	Composites Part B: Engineering	2019	13598368	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063204653&doi=10.1016%2Fj.compositesb.2019.03.031&partnerID=40&md5=25c7b719788c576c5a6f4bde5fb562
Investigating the effects of hybrid reinforcement particles on the microstructural, mechanical and tribological properties of friction	Thankachan T., Prakash K.S., Kavimani V.	Department of Mechanical Engineering	Composites Part B: Engineering	2019	13598368	https://www.scopus.com/inward/record.uri?eid=2-s2.0-
An energy persistent Range-dependent Regulated Transmission Communication model for vehicular network applications	Baskar S., Periyanyagi S., Shakeel P.M., Dhulipala V.R.S.	Department of Mechanical Engineering	Computer Networks	2019	13891286	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061425005&doi=10.1016%2Fj.comnet.2019.01.027&partnerID=40&md5=b7da79805f3c96ca62689daecb15802
An efficient stream region sink position analysis model for routing attack detection in mobile ad hoc networks	Vigenesh M., Santhosh R.	Department of Computer Science and Engineering	Computers and Electrical Engineering	2019	457906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061314975&doi=10.1016%2Fj.compeleceng.2019.02.005&partnerID=40&md5=c50b95de885b26f05fe a21bbca32b33
Robust analysis and optimization of a novel efficient quality assurance model in data warehousing	Amuthabala P., Santhosh R.	Department of Computer Science and Engineering	Computers and Electrical Engineering	2019	457906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061195661&doi=10.1016%2Fj.compeleceng.2019.02.003&partnerID=40&md5=52727a5af6ba24c2577b6db7bb65b2a

An efficient CBIR system based on color histogram, edge, and texture features	Vadivel, P. Sundara; Yuvaraj, D.; Krishnan, S. Navaneetha; Mathusudhanan, S. R.	Department of Computer Science	CONCURRENCY AND COMPUTATION- PRACTICE & EXPERIENCE	2019	1532-0634	https://www.scopus.com/record/display.uri?eid=2-s2.0-85055453407&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=e67dd027a7c7a763d3c72f82631b51&sort=b&sd=b&sl=93&si=TITLE-ABS-KEY+%28An+efficient+CBIR+system+based+on+color+histogram%2c+edge%2c+and+texture+features%29&relpos=1&citeCnt=3&searchTerm=
The personal authentication service and security enhancement for optimal strong password	ShanmugaPriya, S.; Valarmathi, A.; Yuvaraj, D.	Department of Computer Science	CONCURRENCY AND COMPUTATION- PRACTICE & EXPERIENCE	2019	1532-0634	https://www.scopus.com/record/display.uri?eid=2-s2.0-85057884777&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=c2792e292c04a0639dfH5b ed996bfff&sort=b&sd=b&sl=104&si=TITLE-ABS-KEY+%28The+personal+authentication+service+and+security+enhancement+for+optimal+strong+password%29&relpos=0&citeCnt=1&searchTerm=
Nanomedicines as Drug Delivery Carriers of Anti-Tubercular Drugs: From Pathogenesis to Infection Control	Hussain, Afzal; Singh, Sima; Das, Sabya Sachi; Anjireddy, Keshireddy; Karpagam, Subramanian; Shakeel, Faiyaz	Department of Electronics and Communication Engineering	CURRENT DRUG DELIVERY	2019	1875-5704	https://www.scopus.com/record/display.uri?eid=2-s2.0-85065858469&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=e7802d74c8eab19e39763125e6f31507&sort=b&sd=b&sl=120&si=TITLE-ABS-KEY+%28Nanomedicines+as+Drug+Delivery+Carriers+of+Anti-Tubercular+Drugs%3a+From+Pathogenesis+to+Infection+Control%29&relpos=0&citeCnt=9&searchTerm=
A grayscale image hiding encode scheme for secure transmission	Narmatha C., Manimegalai P., Manimurugan S.	Department of Electronics and Communication Engineering	Current Signal Transduction Therapy	2019	15743624	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073671317&doi=10.2174%2F1574362413666180802124040&partnerID=40&md5=bfcc2f6c7621d5c4a4fe081937a8d0
Identifying user suitability in sEMG based hand prosthesis using neural networks	Emayavaramban G., Amudha A., Rajendran T., Sivaramkumar M., Balachandrar K., Ramesh T.	Department of Electronics and Communication Engineering	Current Signal Transduction Therapy	2019	15743624	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073684663&doi=10.2174%2F1574362413666180604100542&partnerID=40&md5=1e93ac120a3294fc690712b73185523e
Recent innovations in soft computing applications	Thavasimuthu R., Sridhar K.P., Manimurugan S., Deepa S.	Department of Electronics and Communication Engineering	Current Signal Transduction Therapy	2019	15743624	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073679099&doi=10.2174%2F157436241402191010112727&partnerID=40&md5=8a9c16bb31609d9db7a7e7a7dbab7rd
A critical review on food protein derived antihypertensive peptides	Premkumar J., Malini M., Arun Joshy V.	Department of Food Technology	Drug Invention Today	2019	9757619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074281225&partnerID=40&md5=c979a94c9830c8992986572333fc1495
A critical review on food protein-derived antihypertensive peptides	Premkumar J., Malini M., Joshy A.	Department of Food Technology	Drug Invention Today	2019	9757619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074148420&partnerID=40&md5=1f0cd154ce63ed9aefef81f9290c64
Asthma control test among textile workers in Kongu Nadu region – Tamil Nadu	Andhuvanjerlal M., Bhavani K., Gayathri R., Khatija R., Ganapathy R.S.	Department of Pharmacy	Drug Invention Today	2019	9757619	https://www.scopus.com/record/display.uri?eid=2-s2.0-85068005839&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=17d6e21e4b4969e31ef4fc93c50a1b0&sort=b&sd=b&sl=91&si=TITLE-ABS-KEY+%28Asthma+control+test+among+textile+workers+in+Kongu+Nadu+region+Tamil+Nadu%29&relpos=0&citeCnt=0&searchTerm=
Behaviour of RC beams with ferro cement warp – can experimental investigation	Gobhiga S., Sundararajan R., Kumar V.	Department of Civil Engineering	Ecology, Environment and Conservation	2019	0971765X	https://www.scopus.com/record/display.uri?eid=2-s2.0-8507335564&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=c3177fedd408136224c8a4fd30a4d8&sort=b&sd=b&sl=93&si=TITLE-ABS-KEY+%28Behaviour+of+RC+beams+with+ferro+cement+warp+Ie%280%93+can+experimental+investigation%29&relpos=0&citeCnt=0&searchTerm=
Experimental study on aramid fiber in rehabilitation and strengthening of structures using recycled coarse aggregate	Gobhiga S., Sundararajan R., Anandaraj R.	Department of Civil Engineering	Ecology, Environment and Conservation	2019	0971765X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073338257&partnerID=40&md5=be8416e1bb7ba5e4a4e8801a5b86d01
Hybrid geometric sampling and AdaBoost based deep learning approach for data imbalance in E-commerce	Dhote S., Vichoray C., Pais R., Baskar S., Mohamed Shakeel P.	Department of Electronics and Communication Engineering	Electronic Commerce Research	2019	13895753	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074096958&doi=10.1007%2F10660-019-09383-2&partnerID=40&md5=69a570f23915baa8ff5ae54b2b08eb5
Biogas production from anaerobic co-digestion of Prosopis juliflora pods with water hyacinth, dry leaves, and cow manure	Prabhu, A. Vijin; Manimaran, R.; Raja, S. Antony; Jeba, P.	Department of Biochemistry	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2019	1556-7036	https://www.scopus.com/record/display.uri?eid=2-s2.0-85097440721&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=d16f57758038d1ca72e726da091cd7&sort=b&sd=b&sl=138&si=TITLE-ABS-KEY+%28Biogas+production+from+anaerobic+co-digestion+of+Prosopis+juliflora+pod+with+water+hyacinth%2c+dry+leaves%2c+and+cow+manure%29&relpos=0&citeCnt=0&searchTerm=
Environment-friendly packaging material: banana fiber/cowdung composite paperboard	Vishnuvarthanam, M.; Dharunya, R.; Jayashree, S.; Karpagam, B.; Sowndhary, R.	Department of Biochemistry	ENVIRONMENTAL CHEMISTRY LETTERS	2019	16103653	https://www.scopus.com/record/display.uri?eid=2-s2.0-85064072811&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=bd67f5a6326accd91928c73e45fbb3&sort=b&sd=b&sl=98&si=TITLE-ABS-KEY+%28Environment-friendly+packaging+material%3a+banana+fiber%2fco+wdu+p+composite+paperboard%29&relpos=0&citeCnt=1&searchTerm=
Identification of Regulatory Networks of MicroRNAs and Their Targets in Response to Colletotrichum gloeosporioides in Tea Plant (Camellia sinensis L.)	Jeyaraj A., Wang X., Wang S., Liu S., Zhang R., Wu A., Wei C.	Department of Biotechnology	Frontiers in Plant Science	2019	1664462X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072826930&doi=10.3389%2Ffpls.2019.01096&partnerID=40&md5=0fca99524d32e4b3896c06c7790a94
Biomass enhancement and bioconversion of brown marine microalgal lipid using heterogeneous catalysts mediated transesterification from biowaste derived biochar and bionanoparticle	Anto, Susaimanickam; Karpagam, Rathinasamy; Renukadevi, Ponnuaswamy; Jawaharraj, Kalimuthu; Varalakshmi, Perumal	Department of Biotechnology	FUEL	2019	00162361	https://www.scopus.com/record/display.uri?eid=2-s2.0-8506960196&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=c6248219e79445a5a290769e0d6ae90&sort=b&sd=b&sl=195&si=TITLE-ABS-KEY+%28Biomass+enhancement+and+bioconversion+of+brown+marine+microalgal+lipid+using+heterogeneous+catalysts+mediated+transesterification+from+biowaste+derived+biochar+and+bionanoparticle%29&relpos=0&citeCnt=9&searchTerm=
A review of significant researches on prediction of preterm birth using uterine electromyogram signal	P. S.A., Subramaniam K., Iqbal N.V.	Department of Electronics and Communication Engineering	Future Generation Computer Systems	2019	0167739X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063389578&doi=10.1016%2Ffuture.2018.10.033&partnerID=40&md5=2ea98b8a7d647449ca911763a8b4f04c
Quantum Chemical Vibrational Study, FTIR and FT-Raman Spectra of 1, 3-Diphenyl Propenone	Haldorai R., Thirumalaikumar M., Sampathkrishnan S., Charanya C., Balamurugan N.	Department of Chemistry	Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis	2019	10000593	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076689434&doi=10.3964%2Fispn.1000.0593%282019%2912.3932-08&partnerID=40&md5=8b502b6a0d9db2b1072e116649c15

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An efficient dorsal hand vein recognition security system using arduino and GSM technology	Rajalakshmi N., Ramsankar M.P., Manimegalai P.	Department of Electronics and Communication Engineering	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85075420740&doi=10.35940/2Ijeat.F1290.09865319&partnerID=40&md5=4a89ed054bd745f6daa1e905c717688b
Automated detection of diabetic retinopathy for early diagnosis using exudate images	Manimegalai P., Soundarya S., Aswath J.R., Sowmya M., Raja Lakshmi N.	Department of Electronics and Communication Engineering	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85075428432&doi=10.35940/2Ijeat.F1289.09865319&partnerID=40&md5=91cb2eca8fbce494044eda5042a8bf1
Environmental impact of dumping GGBFS on lands in Coimbatore	Johnpaul V., Balasundaram N., Natarajan M.	Department of Civil Engineering	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85067994913&partnerID=40&md5=4248061c2a8584f98314c02c03e16712
Impact of self-help groups on self, social awareness and economic empowerment of women entrepreneurs of coimbatore district	Nimisha M., Arumugam D.	Department of Management	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.8506948895&partnerID=40&md5=698d6e2e866ec1430cb1031b46c653c
MCEEP-BDA: Multilevel clustering based-energy efficient privacy-preserving big data aggregation in large-scale WSN	Dhanapal R., Selvapandian D., Karthik S.	Department of Computer Science and Engineering	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85074642963&doi=10.35940/2Ijeat.F1297.109119&partnerID=40&md5=f0e33644638f9a6801c1417679412f6
Relation between solar PV power generation, inverter rating and THD	Viyathukattuva M.A.M.M., Amudha A., Siva Ramkumar M., Emayavaramban G.	Department of Electrical and Electronics Engineering	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85074651472&doi=10.35940/2Ijeat.A1826.109119&partnerID=40&md5=485656267ea93164597ee90049597ba
Steganalysis of skin tone images using textural features	Smitha Vas P., Rahiman M.A.	Department of Computer Science and Engineering	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85070687860&partnerID=40&md5=4d1d9d536f3ad611804b7171c767d81
The effect of cryogenic treatment on the wear resistance of al alloy ash composites	Prasanna Venkatesh D., Shanmugasundaram P.	Department of Mechanical Engineering	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85074650430&doi=10.35940/2Ijeat.A1396.109119&partnerID=40&md5=8410b2539556a7bcafbdb04d62a92a
The effect of fe and mn substitution on structural and electrical properties of LaCoO3 nanoparticles	Sahana Fathima A., Harshapriya P., Lingeshkumar V., Senthil Kumar V., Chandrasekaran J.	Department of Physics	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85072016964&doi=10.35940/2Ijeat.F3816.088619&partnerID=40&md5=b17ec94b27080c0f68d02149577ee4
The effect of nozzle-opening pressure on the performance and emission parameters of a diesel engine operated on aphanizomenonflus biodiesel-titanium dioxide (TiO2) nano fluid-diesel blend	Jayabalaji G., Shanmugasundaram P.	Department of Mechanical Engineering	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85074612544&doi=10.35940/2Ijeat.A1428.109119&partnerID=40&md5=11189b5c12584d30df779db0bd74810
Uncertainty handling of multi object categorization in scenes using fuzzy swarm intelligence based deep belief network	Kumaravel S., Veni S.	Department of Computer Science	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85068862314&partnerID=40&md5=cb849454c7d7bd51762adfb05c002b2f10
Unseen incivility in workplace and its impact on work allied outcomes	Raaj V.G., Anju E.N.	Department of Management	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85068869411&partnerID=40&md5=b4f42411a5c98e9677811477babc61b1
An improved elman neural network based stress detection from eeg signals and reduction of stress using music	Ranjith C., Arunkumar B.	Department of Computer Science and Engineering	International Journal of Engineering Research and Technology	2019	9743154	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85063621969&partnerID=40&md5=c17072d2f9-90d
Efficient human stress level prediction and prevention using neural network learning through eeg signals	Jawharali B.S., Arunkumar B.	Department of Computer Science and Engineering	International Journal of Engineering Research and Technology	2019	9743154	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85063640777&partnerID=40&md5=77b373aab475068534c3be1aac99895
A decentralized accountability framework for enhancing secure data sharing through ICM in cloud	Dhanapal R., Tharageswari K., Karthik S.	Department of Computer Science	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85071327985&doi=10.35940/2Ijeet.A1026.0881019&partnerID=40&md5=6931ed7a5a20ec751c033c3d742371cc
A model based test pattern generation and testing framework for IoT applications	Sathyavathy V., Shanmuga Priya D.	Department of Computer Science	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85073358736&doi=10.35940/2Ijeet.J1051.08810519&partnerID=40&md5=9e066fb30bf21b81e97b7542227d0f
A performance evaluation of secured HCTE routing protocol using MCSD and Ea-Heed	Krishnadas J., Manimegalai P., Prasanna Venkatesan G.K.D.	Department of Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85067898059&partnerID=40&md5=4321f9a72540adaa33eeb3c26690cd
A research on the factors that impact the effectiveness of organizations in IT AND ITES in Coimbatore	Shrie Bhubaneswari N.T., Sudarvel J.	Department of Management	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85073387473&doi=10.35940/2Ijeet.I8070.0981119&partnerID=40&md5=4169884c916c824451bea3a1dc8629
An efficient network threat detection and classification method using Anp-Mvps algorithm in wireless sensor networks	Sherubha P., Mohanasundaram N.	Department of Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85073355641&doi=10.35940/2Ijeet.K3958.0981119&partnerID=40&md5=96d0979c2e3b67e1a40040ff59d11303
Arduino based semi-autonomous vision biped robot	Prema R., Anuradha K., Sakthi Sabreesh K., Sree Valsan R.	Department of Computer Science	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85061742934&partnerID=40&md5=eaaf3ef3743cf8bd89791902afa21c2
Cyber security affairs in empowering technologies	Sri Devi R., Mohan Kumar M.	Department of Computer Science	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85073382063&doi=10.35940/2Ijeet.J1001.08810519&partnerID=40&md5=20f6af5ebdbd51f358ad8abe258c340a
Design and hardware implementation of portable generator using TEG	Balachander K.	Department of Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85071248146&doi=10.35940/2Ijeet.J9032.0881019&partnerID=40&md5=5fb5bae1a4447ab299127982e189a8
Electrical energy audit –an experience in a small scale textile mill	Nagaveni P., Siva Ram Kumar M., Nivetha M., Amudha A., Emayavaramban G.	Department of Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/record/display.uri?eid=2-s2.0.85071321202&origin=resultslist&sort=pdf-&ccs=&tt1=&tt2=&id=464cc8e6c334742432102a23919f1a9f0c0b-b8b0b1b2a0e848=&ITL=C-ABS-KEY+%28Electrical+energy+audit+%2e2980093an+experience+in+a+small+scale+textile+mill%29&relpos=0&citeCnt=9&searchTerm=
Energy saving measures in textile mill	Balachander K., Amudha A.	Department of Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85068127966&partnerID=40&md5=674dc1db56606a4618cadf4010683c49
Evaluation of non-invasive measurement of haemoglobin using PPG in clinically ill pediatric patients	Lakshmi M., Bhavani S., Manimegalai P.	Department of Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85073972480&doi=10.35940/2Ijeet.L3866.1081219&partnerID=40&md5=7105bf5223b3991870d2e35289b8bed
Financial parameters of selected nationalised banks in India	Sumathy S., Venkatachalam S.	Department of Management	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85067862143&partnerID=40&md5=a2ba27611bd49360ec2106c2419ce07
Fuzzy integrated ontology model of dynamic learner profiling	Sheeba T., Krishnan R.	Department of Computer Science and Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0.85072787848&doi=10.35940/2Ijeet.L13119.1081219&partnerID=40&md5=612e933f9903321ad028d7cc2e688509

Graph of an intuitionistic fuzzy ideal of MT groups in near rings	Mala S.K., Shanmugapriya M.M.	Department of mathematics	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071317165&doi=10.35940/2ijitee.IJ514.0881019&partnerId=40&md5=163aba61dea5880bf7c8f27752a6f535
Hybrid group search optimizer for plant leaf classification	Ravishankar A.M., Santhosh R., Amudhavalli P.	Department of Computer Science and Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073326298&doi=10.35940/2ijitee.K2486.0981119&partnerId=40&md5=bc9a5009df3484b1c3ab4d16b894ce7
Hybrid topology for feature extraction and classification of vision based hand gesture recognition	Muthukumar K., Amudha A., Gomathy V.	Department of Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068890350&partnerId=40&md5=cb64a749feecdcab6848a8441d1d699
Implementation of energy efficient partial FFT processor for wireless communication system	Vimala A., Manikandan S., Darani Kumar M., Charumathi S., Priyadarshini A.	Department of Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061706418&partnerId=40&md5=5f7dfa6a1db4d83aec59af79fa7862b7
Investors' awareness of fundamental and technical analysis for investments in securities market	Jayalakshmi R., Lakshmi N.	Department of Commerce	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/record/display.uri?eid=2-s2.0-85070790217&origin=resultslist&sort=plf-f&src=s&ct=1-8&tz=&id=9b6651dc89cf14691a39e8301265218&ot=b&df=b&el=111&s=TITLE-A&S-KEY%28investor%27%80%99+awareness+of+Fundamental+and+technical+analysis+for+investments+in+securities+market%29&elpos=0&elcCnt=0&searchTerm=
Microcontroller based floor cleaning robot	Vimala A., Manikandan S., Aravindh T.S., Brundha Devi S., Sathya Gopika S.	Department of Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061730284&partnerId=40&md5=774327cb9071f49815bd126200439ea
Optimisation of machining factors for surface roughness and mean cutting force of AISI 52100 steel during turning under micro lubrication condition	Rajarajan S., Sivaprakasam R.	Department of Mechanical Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061580428&partnerId=40&md5=4d861029cf594730ee171dec16644ba9
Power consumption in automated service-oriented buildings using fuzzy knx protocol	Damodaran S., Bhavani S., Muthukumar K.	Department of Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063673518&partnerId=40&md5=7656cb0e7b7cc9fd9d90cad08a0c70
Power quality recommendations in mushroom farm	Thangavel R.	Department of Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075159339&doi=10.35940/2ijitee.A5256.11911919&partnerId=40&md5=b8b597e1beb999931b982881bf5f0be
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The impact of hrn practices on job satisfaction in the select star hotels of Coimbatore	Dinesh L., Senthil Kumar V.M.	Department of Commerce	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073380772&doi=10.35940/2ijitee.IJ031.08810519&partnerId=40&md5=fac73503def87693fa5d03ec5f08b18a
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The influence of deep cryogenic treatment (Dct) on the mechanical behaviour of aluminium metal matrix composites	Prasanna Venkatesh D., Shanmugasundaram P.	Department of Mechanical Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075186486&doi=10.35940/2ijitee.A4167.11911919&partnerId=40&md5=d6b4b7c7e97ead92b2863ff0fc3c472
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The microstructure, hardness and XRD analysis of in-situ Al 6061-TiB2 metal matrix composites with different reaction holding times	Lawrance C.A., Prabhu P.S.	Department of Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2019	22496890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068467283&doi=10.24247/2ijitee.IJMPERDAUG201919&partnerId=40&md5=d525e6b1067ee2a06c51e748c879ea
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Bonding characteristics of water hyacinth ash on concrete by replacing cement	Muruges V., Balasundaram N.	Department of Civil Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071308008&doi=10.35940/2ijrte.B3243.078219&partnerID=40&md5=3597234ea45bed4ad6cb64427b540f15
Complexity analysis of compressing genomic sequence data with chained hash indexing in multiple dictionary-based LZW	Keerthy A.S., Manju Priya S.	Department of Computer Science	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068929213&partnerID=40&md5=58e195cdf7d6b9f4abae207cb9d7781e
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Effect of influence of metakaolin and shredded plastic waste on strength and durability properties of M20 grade concrete	Sivaraj M., Sundararajan R., Karthik V.	Department of Civil Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071492024&doi=10.35940/2ijrte.B3242.078219&partnerID=40&md5=3f37671f67064804c783fa8b2672521c
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Evaluation of concrete using reshaped waste tyre rubber as partial replacement of coarse aggregate	Harikaran M., Balasundaram N.	Department of Civil Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066741518&partnerID=40&md5=1ca4cf056105199a8eb2a729949d0f
Experimental behaviour of water hyacinth ash as partial replacement of cement on short column	Balasundaram N., Muruges V.	Department of Civil Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066627130&partnerID=40&md5=5c84d2e61b94a206a72f8d91353c279
Experimental investigation on properties of concrete by replacing cement with water hyacinth ash	Balasundaram N., Muruges V.	Department of Civil Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066636016&partnerID=40&md5=e45c0b1591870d4b6ac33d7ea5ee389
Factors influencing the working women's buying behavior of gold jewelry with special reference to virudhunagar district	Muthulakshmi T., Nandhini M.	Department of Management	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/record/display.uri?eid=2-s2.0-85073720438&origin=resultslist&sort=plf-ff&src=s&st1=&st2=&id=691695359affaa88f20d4223452b684c&ot=b&sd=b&sl=135&v=TITLE-ABS-KEY+%28factors+influencing+the+working+women%27s+buying+behavior+of+gold+jewelry+with+special+reference+to+virudhunagar+district%29&reapon=0&citeCnt=0&searchTerm=
Fingerprint image segmentation using deep features and SVMFingerprint image segmentation using deep features and SVM	Joy R.C., Hemalatha S.	Department of Computer Science	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071048508&doi=10.35940/2ijrte.B2371.078219&partnerID=40&md5=7b12384a26c800e7a8b9fe61f567cbee
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Key commercial point sentinel during "order transfer" from client and sales for execution in manufacturing industries	Sundar Babu S., Venkatachalam S.	Department of Management	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/record/display.uri?eid=2-s2.0-85071103020&origin=resultslist&sort=plf-ff&src=s&st1=&st2=&id=7893023121a71135ad7ae91963676ac0d8&ot=b&sd=b&sl=133&v=TITLE-ABS-KEY+%28key+commercial+point+sentinel+during+order+transfer%27s+from+client+to+sales+for+execution+in+manufacturing+industries%29&reapon=0&citeCnt=0&searchTerm=
Low cost residential micro grid system based home to grid backup power management	Chandrasekaran K.T., Divyapriya S., Amudha A., Siva Ramkumar M., Emayavaramban G.	Department of Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070676185&partnerID=40&md5=c3b718d72fcb904e5f39250add617ed3
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Perception of motivators-a study of public sector banks in bangalore	Loganathan G.G., Manoharan S., Sudhamaheswari T.	Department of Management	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850670241008&partnerID=40&md5=219e71ae0e70fc3ce9e97a73dceef55
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Preliminary evaluation of novel plant mediated green intention for the treatment of biomedical waste obtained from Salem city, Tamil Nadu	Viswanath E.D., Balasundaram N.	Department of Civil Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850666126938&partnerID=40&md5=53411a492b4b1d0368ab121cf142176b
Primitive cells using gate diffusion input technique: A low power approach	Mahendra Babu G.R., Bhavani S.	Department of Electronics and Communication Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850684749058&partnerID=40&md5=65527255d05a363fb472556668fffd
Quality of worklife: Importance in small scale industries for employees	Kannika D., Chockalingam S.M.	Department of Commerce	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073753447&doi=10.35940%2fjrte.c6670.098319&partnerID=40&md5=30c2a35daaeacd4a922924292f831eb2
Requirement analysis document in google drive for green and sustainable software engineering approach	Mohankumar M., Anand Kumar M., Aruna Devi S., Suresh Kumar R.	Department of Computer Science	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850605360678&partnerID=40&md5=017a4c96bba9b972f6d0f786655007067
Seismic and structural behavior of RCC beams made with hybrid fiber reinforced self consolidating concrete	Tamilselvan K., Balasundaram N.	Department of Civil Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850735496948&doi=10.35940%2fjrte.C5224.098319&partnerID=40&md5=20c9654a7bda27b9d091e3d77934c743
Simulation of switched capacitor inverter topology with boost facility	Saravanan R., Hanumaiah A., Venkatesan M., Balachander K.	Department of Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073748153&doi=10.35940%2fjrte.B2363.098319&partnerID=40&md5=79087b137fa06b75cb44e4edf13d093
Stability analysis of grid integration of photovoltaic systems using partial power converters	Saravanakumar N., Amudha A., Emayavaramban G., Siva Ramkumar M., Divyapriya S.	Department of Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070565268&partnerID=40&md5=42183d65923d448bc25f87b2af1cce12
SVPWM based control of SCIG-matrix converter for wind energy power conversion system	Thiyagarajan N., Ramkumar M.S., Amudha A., Emayavaramban G., Krishnan M.S., Kavitha D.	Department of Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070557721&partnerID=40&md5=370eba1b8dba74555d0cc86f335bb94e
The effect of machining factors on surface roughness and flank wear while turning steel alloy AISI 3415 using TiAlN coated carbide insert	Venkatesh P., Sivaprakasam R.	Department of Mechanical Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067975520&partnerID=40&md5=cb4c52428b4238e0ec3f679991b8c18
The effect of machining factors on the mean cutting force and cutting power while turning steel alloy AISI 52100 in dry condition	Rajarajan S., Sivaprakasam R.	Department of Mechanical Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067006344&partnerID=40&md5=29c6049101dfc221f36865a59af9b9e6
The structural performance of externally strengthened RCC beams made with GPC	Muthukumar R., Balasundaram N.	Department of Civil Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073551676&doi=10.35940%2fjrte.C5225.098319&partnerID=40&md5=70d354e0a99b0d8507a0b50c9478ea
The structural performance of RCC beams made with M30 grade SCC mix while fine aggregate is partially replaced by crystal stones	Sivakumar P., Balasundaram N., Karthik V., Vivek K.	Department of Civil Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073549387&doi=10.35940%2fjrte.C5223.098319&partnerID=40&md5=e663e1234222ba0b361fbab8fe80d6
Voltage frequency controller with hybrid energy storage system for PMSG based wind energy conversion system	Seethalakshmi N., Amudha A., Divyapriya S., Emayavaramban G., Siva Ramkumar M., Mohamed Mansoor I.R.V.	Department of Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering	2019	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070657413&partnerID=40&md5=53100757607285268c0eb972f8e0c09
A comparative study on mussaenda erythrophylla leaves extract for larvicidal properties	Astalakshmi N., Sundara Ganapathy R., Surendra Kumar M.	Department of Pharmacy	International Journal of Research in Pharmaceutical Sciences	2019	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061504463&doi=10.26452%2fjrps.v10i3.1435&partnerID=40&md5=8858b0ae5bca4d878b0b6eebe3d6b3a
Design, optimization and comparative in vitro evaluation of sustain release matrix tablet using araucaria heterophylla gum	Gayathri R., Sundaraganapathy R.	Department of Pharmacy	International Journal of Research in Pharmaceutical Sciences	2019	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073276015&doi=10.26452%2fjrps.v10i3.1435&partnerID=40&md5=8858b0ae5bca4d878b0b6eebe3d6b3a
Evaluation of antioxidant potential in fresh and boiled juice of purslane leaves	Pandiyar B., Dhanaraj R., Rehaman S., Sampath S., Lakshmanan M., Raj A.J., Yadav S.A.	Department of Biotechnology	International Journal of Research in Pharmaceutical Sciences	2019	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065699934&doi=10.26452%2fjrps.v10i1.190&partnerID=40&md5=ddd12b5c58840183a5b654e3ce4194f4
Evaluation of in vitro anticancer potential in Punica granatum, Psidium guajava, and Vitis vinifera seed extracts	Nelson S.S., Yadav S.A., Surendren L.K.	Department of Biotechnology	International Journal of Research in Pharmaceutical Sciences	2019	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061496657&doi=10.26452%2fjrps.v10i1.1796&partnerID=40&md5=7a515adfa29476847b373467a38f3526
Fourier transform infrared (FTIR) spectroscopy and high-performance liquid chromatography analysis of brassica juncea (mustard) and silk dyeing effluent's impact on the spectral studies	Sumayya A.R., Saranya R.S., Srinivasan S., Rafiqhah M., Brindha P.S., Mohammed Sabeeh M., Sangeetha S.	Department of Biotechnology	International Journal of Research in Pharmaceutical Sciences	2019	9757538	-
A comparative analysis of the performance of LPG iron box and charcoal-based iron box with reference to Coimbatore District	Manjula D.R., Venkatachalam S.	Department of Management	International Journal of Scientific and Technology Research	2019	22778616	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076298133&partnerID=40&md5=e4ba8f6f67d9dd8uf8cc9030c30b4f4
A study on the awareness of indian government schemes among the women entrepreneurs of coimbatore district	Sathiyabama P., Velmurugan R.	Department of Management	International Journal of Scientific and Technology Research	2019	22778616	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076777623&partnerID=40&md5=583905b43d3b8ee3d119fa7012792f5
Consumer acuity on select digital wallets	Mathiraj S.P., Geeta S.D.T., Saroja Devi R.	Department of Commerce	International Journal of Scientific and Technology Research	2019	22778616	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077200469&partnerID=40&md5=c68e7f65f8c49f0929184803f8e9ecdd
Customer behaviour on mobile phone network portability services	Mathiraj S.P., Geeta S.D.T., Saroja Devi R.	Department of Commerce	International Journal of Scientific and Technology Research	2019	22778616	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077083441&partnerID=40&md5=7d71079731cf0a385a756a3c55dcf08
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HRMpractices and its influence on employee performance towards job satisfaction in selected it companies	Suryakumar M., Velmurugan R., Sudarvel J.	Department of Commerce	International Journal of Scientific and Technology Research	2019	22778616	https://www.scopus.com/record/display.uri?eid=2-s2.0-85078771330&origin=resultslist&sort=pdf.&sc=8&st1=8&st2=8&id=50666729&cc=969033&eid3=ae08&ot=b&sdft=b&sl=121&ui=TITLE-ABS-KEY+performance+practices+and+its+influence+on+employee+performance+and+job+satisfaction+in+selected+it+companies%29&relpos=0&citeCnt=0&searchTerm=

Sylvia plath: A woman, a mother and a poet	Anju, Caroline D.D.	Department of English	International Journal of Scientific and Technology Research	2019	22778616	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075384762&partnerID=40&md5=c1635e41718e19279fa5617ce21ced4d
Echocardiography image segmentation using feed forward artificial neural network (FFANN) with fuzzy multi-scale edge detection (FMED)	Mohamed Shakeel P., Baskar S., Sampath R., Jaber M.M.	Department of Electronics and Communication Engineering	International Journal of Signal and Imaging Systems Engineering	2019	17480698	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068508375&doi=10.1504%2Fijsis.2019.100651&partnerID=40&md5=63c0b3e731b3bd78e5d08d6cb51f4c3
Frequency domain analysis for the classification of parkinson's disease patients	Kamalaraj S., Rejith K.N., Prasanna Venkatesan G.K.D.	Department of Electronics and Communication Engineering	IOP Conference Series: Materials Science and Engineering	2019	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075459945&doi=10.1088%2F1757-899X%2F61%2F1%2F012126&partnerID=40&md5=12c1179b5e563aaa1eae0b949d4d12
A comparative study of various artificial neural network classifiers for EEG based autism spectrum disorder diagnosis	Raja L., Arun Kumar B.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850684337746&partnerID=40&md5=c89a9712511b1ef0a91ae7a6b77e361
A comparative study on video streaming techniques	Arunkumar B., Arul Antran Vijay S., Mayivelkumar P.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078795485&doi=10.5373%2FIARDCS%2FV11SP12%2F20193301&partnerID=40&md5=4e3e7f216e626ee7b28925476e2c76c0
A single stage ZVS PFC converter with minimized losses and high power factor	Ravivarman G., Amudha A.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069530480&partnerID=40&md5=b6e462505e1d4b6d69529db41f9ecce
A study of the non-performing assets (NPA) of banks under prompt corrective action framework in India	Sumathy S., Venkatachalam S.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071773604&partnerID=40&md5=d29d9c26b9196b7b7b74885ad591e8e6
A study of work life quality of the employees in automobile companies [with special reference to Mysuru District]	Kannika D., Chockalingam S.M.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074826623&doi=10.5373%2FIARDCS%2FV11SP10%2F20193303&partnerID=40&md5=b084db43857675d7192f9eccc6e4288b
A study on customer satisfaction towards services provided by LPG gas agencies in Coimbatore	Manjula D.R., Venkatachalam S.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075529598&doi=10.5373%2FIARDCS%2FV1111552%2F20193021&partnerID=40&md5=9b1d1077279bab0484226894814aff45
A study on employee preference to stay with non-listed it firms in chennai	Ramanath N., Panchanatham N.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078620309&doi=10.5373%2FIARDCS%2FV11SP12%2F20193322&partnerID=40&md5=8f56073b67251871e56cb28ed6eaeedf
A study on relation based testimonial process on test suite classification using genetic algorithm	Nithya R., Sheeja S.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071042679&partnerID=40&md5=4739a797f8db01044a227d09180fd15
A study on rural women empowerment at ernakulam district	Jose S., Chockalingam S.M., Velmurugan R.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074360508&doi=10.5373%2FIARDCS%2FV11SP11%2F20193059&partnerID=40&md5=4edf04096c12746c76c90801b66db7ef
A study on the impact of organizational communication on the motivation of employees in KSEB Ltd	Chandran B., Unnikrishnan R., Narayanan A.G.V.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850740734908&doi=10.5373%2FIARDCS%2FV11%2F20192674&partnerID=40&md5=57e3a576f047b4b94bbd29b40f5b45b2
An adaptive predictor with kalman filter based energy efficient protocol for WSN	Tamil Selvan P., Shaul Hammed S., Kalaiselvi K.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078807264&doi=10.5373%2FIARDCS%2FV11SP12%2F20193303&partnerID=40&md5=0a1aa119948c85a20d0e686e69c5f4
An analysis on radical origin steering in mobile ad hoc network	Santhosh R., Arul Antran Vijay S., Ramesh P.N.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078779179&doi=10.5373%2FIARDCS%2FV11SP12%2F20193303&partnerID=40&md5=4e0f5ce61614b06fc96416b2ea06eb9d
An effectual gradient-boosting scheme with reliable cluster-based data transmission for vehicular ad hoc networks	Sasirekh S.P., Mohana Sundaram N.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068439579&partnerID=40&md5=585ca290db24553b632fb73ab3c93b9
An efficient data security for SSL using reverse context free grammar productions	Mohan Raj T.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078745593&doi=10.5373%2FIARDCS%2FV11SP12%2F20193304&partnerID=40&md5=89042c11d3de9b0c309883d1567f6e4
An efficient intrusion detection and authentication mechanism for detecting clone attack in wireless sensor networks	Sherubha P., Mohanasundaram N.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068437395&partnerID=40&md5=b22c6bd138c67e3c8c39b6e977849b1
Avoidance of gray hole attacks in manet using behavioral trust-based detection and prevention framework	Fabrice S., Fredrik E.J.T.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8506821553&partnerID=40&md5=9191cee96358c08a1b2bb5b416a3ce
Challenges faced by women entrepreneurs in Coimbatore District	Sathiyabama P., Velmurugan R.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074084944&doi=10.5373%2FIARDCS%2FV11%2F20192674&partnerID=40&md5=dfb9262068a87b0a0946e46bf9c44c2
Characterization of aluminium hybrid MMC reinforced with Si3N4 and BN	Aravind S., Ragupathi P.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078738636&doi=10.5373%2FIARDCS%2FV11SP12%2F20193316&partnerID=40&md5=e72f4b81f8c8e6ea843d87c6bb7b8a5f
Contextual information retrieval in digital library and research over current search engines	Vijayalakshmi Y., Manimegalai P., Prasanna Venkatesan G.K.D., Babu S.S.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065230610&partnerID=40&md5=6421ce03b542026d15765827596a495e
Design of FLC plus proportional controller for KY positive output boost converter	Srinath A., Viyathukattuva, Amudha A., Siva Ramkumar M., Emayavaramban G., Divyapriya S.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078919784&doi=10.5373%2FIARDCS%2FV11SP12%2F20193328&partnerID=40&md5=7062609849af5d0796b7d46a8d2a0d1e
Determinants of investment decisions in security market instruments	Jayalakshmi R., Lakshmi N.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075685375&doi=10.5373%2FIARDCS%2FV11SP10%2F20191288&partnerID=40&md5=24ad249c9f9e90596e051f102042b399
Determinants of profitability in indian nationalized banks	Muralidhara P., Chockalingam S.M., Velmurugan R.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078984098&doi=10.5373%2FIARDCS%2FV11SP11%2F20193041&partnerID=40&md5=c776ce7e4c986140d6438a812fd3917
Effect of GTAW welding parameters on mechanical properties of aluminium six-series welded samples	Daniel Das A.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078810803&doi=10.5373%2FIARDCS%2FV11SP12%2F20193317&partnerID=40&md5=3b21c2503c739115ec74e45f67b0b91
Effect of TIG welding parameters on mechanical properties of Al6063 welded samples	Das A.D.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078792085&doi=10.5373%2FIARDCS%2FV11SP12%2F20193318&partnerID=40&md5=1ef8d6c2bf762c896d74228382fec7c1
Enhanced data packet organization by cluster head using expose path interrelated node selection algorithm in WSN	Krishnadas J., Prasanna Venkatesan G.K.D.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077288938&doi=10.5373%2FIARDCS%2FV11SP10%2F20192883&partnerID=40&md5=9eb673537e25bc227c0b9b964fb73c
Enhancing web page prediction by using modified K-means clustering method	Fredrik E.J.T., Chembath J.	Department of Computer Application	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068600334&partnerID=40&md5=2de31f9fa60c09166b61c7fa78bd397

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Friction behaviour of boron nitride reinforced aluminium metal matrix composite for braking application	Nithiyapathi C., Jayapradha P.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078813762&doi=10.5373%2FJARCS%2V11SP12%2D0193319&partnerID=40&md5=94f46c19b5e41359c3974cd6da4a48a51
Impact of heat and mass transfer within a porous medium enclosed by two vertical heated plates with the behaviour of inclined magnetic field	Shanthi M., Hemamalini P.T.	Department of mathematics	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074482575&partnerID=40&md5=e5f48ede5ada9a546d8a650829b11c2
Implementation of reliability centered maintenance in process industry – issues and difficulties	Deepak Prabhakar P., Dharmaraj A.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85069886777&origin=resultslist&sort=plf-&cc=s&ct=1-&dt=&id=5f4206d-300ba1b708ab9a7678c3538&ot=b&sd=b&sl=112&=TITLE-ABS-KEY+%28Implementation+of+reliability+centered+maintenance+in+process+industry+%2880793+issue+and+difficulties%29&relpos=0&citeCnt=0&searchTerms
Improve QOS using congestion control protocol in multihop wireless sensor network	Kanchanadevi P., Jothi Prakash V., Yavanikha T.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078723360&doi=10.5373%2FJARCS%2V11SP12%2D0193305&partnerID=40&md5=2c13012407b89186e49761cca96f1a
Investigation on basic and functional behaviour of zirconium di oxide - Al6061 composite	Arunprakash J., Suresh Baalaji R.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078742339&doi=10.5373%2FJARCS%2V11SP12%2D0193320&partnerID=40&md5=285e107e175b5d7f4a90620f679c2a
Investigations on mechanical properties of squeeze casted Al MMC reinforced with TiC and BN	Karuppasamy R., Daniel Das A.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078718132&doi=10.5373%2FJARCS%2V11SP12%2D0193313&partnerID=40&md5=fd528a9aee4f9396379da09c7688b7e
Material defect detection and assessment of surface roughness using image processing and machine vision system	Nithyanantham N., Prathaphchandran K., Suresh P.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069867593&partnerID=40&md5=8012fce927d2205e3795b5b4e70c799
MATLAB/simulink analysis and implementation of fault identification of EHV lines using wavelet transform based FLC	Krishnan P., Viyathukattuva M.A.M.M., Amudha A., Siva Ramkumar M., Emayavaramban G., Nagaveni P.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078714652&doi=10.5373%2FJARCS%2V11SP12%2D0193325&partnerID=40&md5=2ecff40050837d85b37d100e88582d5
Modeling, simulation and implementation of dual loop controller for super lift LUO converter in DC micro grid application	Srinivasa Sedagopani S., Amudha A., Siva Ramkumar M., Viyathukattuva, Emayavaramban G., Nagaveni P., Divyapriya S.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078810418&doi=10.5373%2FJARCS%2V11SP12%2D0193309&partnerID=40&md5=1f8e4ff5cb9a9a82466a23ad234a5d0
Modulation techniques of the matrix converter using RSV	Sivaramkrishnan M., Amudha A., Siva Ramkumar M.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078732326&doi=10.5373%2FJARCS%2V11SP12%2D0193310&partnerID=40&md5=c59c675232a92a78f817b8cce1fc7f
Molecular structure, vibrational, electronic, nbo and homo-lumo analysis of nizatidine by experimental and theoretical approach	Ganeshvar P.S., Gunasekaran S., Gnanasambandan T., Viswanathan K.	Department of Physics	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078594091&doi=10.5373%2FJARCS%2V11SP12%2D0193231&partnerID=40&md5=33629b33ec48c109cf927246be247e2f
Optimal design choice and investigation of single sided linear induction motor	Issac S., Balachander K.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069636003&partnerID=40&md5=5acf9300dc8b7fd24c94812b748d223a
Over head transmission line stability analysis by travelling wave based detection in bipolar 500 KV HVDC system	Chandra Bose K.N., Poorani S.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068454792&partnerID=40&md5=f1994dd0b0851f571a1882bd0598e3f48
Parametric optimization on wear behavior of aluminum MMC by Taguchi approach	Sathish Kumar D., Vignesh Kumar P.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078809505&doi=10.5373%2FJARCS%2V11SP12%2D0193315&partnerID=40&md5=4d8ad8211a501347e3f63c441ef80b0d
Perception on training and job satisfaction: A correlation study among employees of the engineering industry in Coimbatore	Jayanthi R., Arumugam D.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078052917&doi=10.5373%2FJARCS%2V11SP10%2D0192981&partnerID=40&md5=8e2fa0864ab8bf342e47006991623ee
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Performance evaluation of three phase shunt active power filter in power system using non-linear controller	Boopathy G., Siva Ramkumar M., Amudha A., Viyathukattuva, Emayavaramban G., Nagaveni P., Divyapriya S., Sivaram Krishnan M.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078800287&doi=10.5373%2FJARCS%2V11SP12%2D0193326&partnerID=40&md5=69270706209e6567d19d7757e85be3f
Plant design for 100TPD production of methyl diethanolamine	Karthikeyan S., Bhatlu L.D., Jayan N., Sukanya K., Viswanathan T.	Department of Chemical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8507875346&doi=10.5373%2FJARCS%2V11SP12%2D0193327&partnerID=40&md5=5d457a77934af3a1e699e753ebf0937
Power quality audit-an experience in an leading engineering industry	Nagaveni P., Saravanakuma V., Amudha A., Prasanna N., Siva Ramkumar M., Nivetha M., Emayavaramban G.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078717405&doi=10.5373%2FJARCS%2V11SP12%2D0193312&partnerID=40&md5=4a13e7558b27d4c681683cfac93048
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Robust deduplication on cloud storage with grasshopper optimization-based secure framework	Selvi P., Shanmuga Priya D.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068519945&partnerID=40&md5=05ced64e6a0bcb5b3b184f7c46f3539
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Skill for employability among MBA students. The gap between skill and employability-a study conducted among MBA students and employers	Manju Das S.K., Velmurugan R.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072077389&partnerID=40&md5=d07eeb1843b84018830e6cd8f19f1ad6

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Text clustering based on hubness in affine subspace for high dimensional data	Jenneth A., Thangavel K.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069491039&partnerID=40&md5=5de9ee18d027260885fb23873a0063c5
The delineation of neck of femur in pelvic x-ray images	Ligisha P., Bhavani S., Dharani K.G.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075296034&doi=10.5373%2FJARDCS%2FV11SP10%2F20191288&partnerID=40&md5=e7df9834976193d6ed1ab0f94cd2f7
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The identification of hippocampus from MRI of human brain using cluster and filtering	Kavitha S., Genish T.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070938627&partnerID=40&md5=ac3af9948601b2f1d42ca275851c1023
The impact of an organization's culture on the performance of its employees - a study	Nair V., Unnikrishnan R., Narayanan A.G.V.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/results/results.uri?sr=cs&s1t1&st2=&sort=b&df=b&origin=search&basic&r=&sl=101&sr=TITLE-ABS-KEY%20(The%20impact%20of%20an%20organization%2F%20%20culture%20on%20the%20performance%20of%20its%20employees%20-%20a%20study)
The impact of image and trust of bsnl brand on the retention of customers: A mediating function of satisfaction of customer with special reference to BSNL, Trivandrum	Kumar S.R., Jayaraj A.M.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078358511&doi=10.5373%2FJARDCS%2FV11SP11%2F201913042&partnerID=40&md5=849ba1175e8016a26e90546be530283d
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Trust detection and prevention framework to eliminate the black hole nodes in manets	Fabrice S., Fredrik E.J.T.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068598369&partnerID=40&md5=c0333bd5d2ae3af370b61af7333e368
Wear behaviour of aluminium MMC reinforced with si3n4 fabricated through squeeze casting	Prakash M., Preethi P.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8507876901&doi=10.5373%2FJARDCS%2FV11SP12%2F201913314&partnerID=40&md5=3b156a31f85edebca654f9aefc2bfcfc
Wire electric discharge machining studies on aluminium MMC reinforced with silicon nitride	Paranthaman P., Kumar N.S.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078742486&doi=10.5373%2FJARDCS%2FV11SP12%2F20191329&partnerID=40&md5=456f9315d2c2a10a4ac978f5c945b154
Work-life conflict among women employees of select software companies in Bangalore City	Sudarshan P., Chockalingam S.M., Velmurugan R.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074087173&doi=10.5373%2FJARDCS%2FV11%2F20192643&partnerID=40&md5=c2687845eb5cbb0d0fe7bd0be1d95af9
Ambient intelligence architecture of MRPM context based 12-tap further desensitized half band FIR filter for EEG signal	Uthaya Kumar C., Kamalraj S.	Department of Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2019	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061289069&doi=10.1007%2F12652-019-01237-x&partnerID=40&md5=3977725a8b74f31db36447da987a1e6
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Digital watermarking techniques for image security: a review	Mohanarathinam A., Kamalraj S., Prasanna Venkatesan G.K.D., Ravi R.V., Manikandababu C.S.	Department of Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2019	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073990248&doi=10.1007%2F12652-019-01500-1&partnerID=40&md5=f1fcd18a331be4930eebd126377259fh
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Optimization algorithms, an effective tool for the design of digital filters; a review	Ravi R.V., Subramaniam K., Roshini T.V., Muthusamy S.P.B., Prasanna Venkatesan G.K.D.	Department of Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2019	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073806179&doi=10.1007%2F12652-019-01431-x&partnerID=40&md5=524ff0bce64b0f0d3ee15db2220d64d
Azo Schiff Base as Antiscaling Agent for Mild Steel in Hydrochloric Acid: Electrochemical, Non-electrochemical, and DFT Studies	Muthukrishnan P., Prakash P., Shankar K., Kathiresan A.	Department of Chemistry	Journal of Bio- and Tribo-Corrosion	2019	21984220	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057869992&doi=10.1007%2F40735-018-0208-2&partnerID=40&md5=0ff60f49fa1c644fe54d33fe1a02887
Identification of anti-filarial leads against aspartate semialdehyde dehydrogenase of Wolbachia endosymbiont of Brugia malayi: combined molecular docking and molecular dynamics approaches	Amala M., Rajamanikandan S., Prabhu D., Surekha K., Jayakanthan J.	Department of Biochemistry	Journal of Biomolecular Structure and Dynamics	2019	7391102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041531029&doi=10.1080%2F07391102.2018.14276338&partnerID=40&md5=7eb5c9b9c7af0678451ee375291778
Simulation and Analysis of Novel Extendable Multilevel Inverter Topology	Thiyagarajan, V; Somasundaram, P.; Kumar, K. Ramash	Department of Electrical and Electronics Engineering	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2019	2181266	https://www.scopus.com/record/display.uri?eid=2-s2.0-85052934512&origin=resultslist&sort=plf-&cc=&xt1=&xt2=&uid=2f331e44b128ff4308900c609ac2668&scot=h&df=b&id=88&sr=TITLE-ABS-KEY+%28Simulation+and+Analysis+of+Novel+Extendable+Multilevel+Inverter+Topology%29&relpos=08&recnt=4&searchTerm
Antimicrobial, Cytotoxicity and Photocatalytic Degradation of Norfloxacin Using Kleinia grandiflora Mediated Silver Nanoparticles	Kanagamani K., Muthukrishnan P., Shankar K., Kathiresan A., Barabadi H., Saravanan M.	Department of Chemistry	Journal of Cluster Science	2019	10407278	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065586738&doi=10.1007%2F10876-019-01583-y&partnerID=40&md5=55ac22ebee76ad9e93f3525fdda9ed3
Secure neighbour discovery: Secure k-nearest routing ad-hoc networking using diffie-helman and highest connectivity algorithm	Dhanabal S., Prasanna Venkatesan G.K.D., Amudhavalli P.	Department of Computer Science and Engineering	Journal of Communications	2019	17962021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062950622&doi=10.12720%2Ficm.14.3.164-169&partnerID=40&md5=a575741f52ee652885edc4f4e31aba
Importance of morphometry studies, landform processes using remote sensing and GIS for Tamiraparani subbasin, Tirunelveli district, Tamil Nadu, India	Seenirajan M., Natarajan M., Thangaraj R., Vivek Kumar S.	Department of Civil Engineering	Journal of Computational and Theoretical Nanoscience	2019	15461955	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064250992&doi=10.1166%2Ficrtn.2019.7783&partnerID=40&md5=431d5ba6f73b03a9d895265e0f8955
T structured semantic weight relationship algorithm combined with decision trees for data extraction	Saravana Kumar C.S., Amudhavalli P., Sanithosh R., Kalaivasan C.	Department of Computer Science and Engineering	Journal of Computational and Theoretical Nanoscience	2019	15461955	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064246933&doi=10.1166%2Ficrtn.2019.7800&partnerID=40&md5=dea7076642bce6455142865d7152cb06
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ROS-mediated cell death induced by mixed ligand copper(II) complexes of l-proline and diimine: effect of co-ligand	Karpagam, Sambantham; Kartikeyan, Radhakrishnan; Nachiyar, Pappaiyan Paravai; Velusamy, Marappan; Kannan, Mani; Krishnan, Muthukalingan; Chitgupi, Upendra; Lovell, Jonathan F.; Akbarsha, Mohammad Abdulkader; Rajendiran, Venugopal	Department of Physics	JOURNAL OF COORDINATION CHEMISTRY	2019	-	-
Investigation of Quaternary Barrier InAlGaN/GaN/AlGaN Double-Heterojunction High-Electron-Mobility Transistors (HEMTs) for High-Speed and High-Power Applications	Murugapandian, P.; Mohanbabu, A.; Lakshmi, V. Rajya; Wasim, Mohammed; Sundaram, K. Meenakshi	Department of Chemistry	JOURNAL OF ELECTRONIC MATERIALS	2019	-	-
Development of analytical method and validation for nadolol in pure and pharmaceutical formulations using UV-spectrophotometry and spectrofluorimetry using hydrochloric acid	Akanksha, Arun R., Anton Smith A.	Department of Pharmacy	Journal of Global Pharma Technology	2019	9758542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066787409&partnerID=40&md5=811be9c6f840ef39a667f53449c2934
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Green Synthesis and Electrical Properties of p-CuO/n-ZnO Heterojunction Diodes	Annathurai S., Chidambaram S., Baskaran B., Prasanna Venkatesan G.K.D.	Department of Electrical and Electronics Engineering	Journal of Inorganic and Organometallic Polymers and Materials	2019	15741443	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057836427&doi=10.1007%2Fs10904-018-1026-1&partnerID=40&md5=b151bef04e0157259ac3a53449657c2a
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Dynamic due date assignment method A simulation study in a job shop with sequence-dependent setups	Vinod, K. T.; Prabakaran, S.; Joseph, O. A.	Karpagam Academy of Higher Education	JOURNAL OF MANUFACTURING TECHNOLOGY MANAGEMENT	2019	1741038X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85037974092&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=5d0e88b8079356f96037077a89db591&ot=b&sd=b&sl=114&s=TITLE-ABS-KEY+%2BDynamic+due+date+assignment+method+A+simulation+study+in+a+job+shop+with+sequence+dependent+setups%29&relpos=0&citeCnt=2&searchTerms
Dynamic due date assignment method: A simulation study in a job shop with sequence-dependent setups	Vinod K.T., Prabakaran S., Joseph O.A.	Department of Mechanical Engineering	Journal of Manufacturing Technology Management	2019	1741038X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037974092&doi=10.1108/25140921706-2017-0112&partnerID=40&md5=4a3e3f63207e4a08741ba007e63a473
Stress Corrosion Cracking of AZ91 + xCe Alloy Using Proof Ring Test in ASTM D1384 and NaCl-K2CrO4 Solutions	Manivannan S., Senthil Kumaran S., Vallimalan A., Mahendran R., Kumaresh Babu S.P.	Department of Mechanical Engineering	Journal of Materials Engineering and Performance	2019	10599495	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065191715&doi=10.1007%2Fs11665-019-04054-7&partnerID=40&md5=6c710f90ac8e1514735a91084817c54f
Stress Corrosion Cracking of AZ91 + xCe Alloy Using Proof Ring Test in ASTM D1384 and NaCl-K2CrO4 Solutions	Manivannan, S.; Kumaran, S. Senthil; Vallimalan, A.; Mahendran, R.; Babu, S. P. Kumaresh	Karpagam Academy of Higher Education	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2019	10599495	https://www.scopus.com/record/display.uri?eid=2-s2.0-85065191715&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=4426f8f3d2b5f72a25ac62f74c86d48&ot=b&sd=b&sl=121&s=TITLE-ABS-KEY+%28Stress+Corrosion+Cracking+of+AZ91+xCe+Alloy+Using+Proof+Ring+Test+in+ASTM+D1384+and+NaCl+K2CrO4+Solutions%29&relpos=0&citeCnt=1&searchTerms
Crystal growth behavior and phase stability of rare earth oxides (4 mol.% GdO1.5-4 mol.% SmO1.5) doped zirconia nanopowders	Mahendran R., Manivannan S., Kumaran S.S., Vallimalan A., Murali M., Raj S.G.,	Department of Mechanical Engineering	Journal of Materials Research and Technology	2019	22387854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-
Characterization of new cellulosic fiber: Dracaena reflexa as a reinforcement for polymer composite structures	Manimaran, P.; Saravanan, S. P.; Sanjay, M. R.; Siengchin, Suchart; Jawaid, Mohammad; Khan, Anish	Karpagam Academy of Higher Education	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	2019	22387854	https://www.scopus.com/record/display.uri?eid=2-s2.0-85063787603&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=95c95a5bc99db7294177255f626019e&ot=b&sd=b&sl=126&s=TITLE-ABS-KEY+%28Characterization+of+new+cellulosic+fiber%3A+Dracaena+reflexa+as+a+reinforcement+for+polymer+composite+structure%29&relpos=0&citeCnt=20&searchTerms
Ga doping improved electrical properties in p-Si/n-ZnO heterojunction diodes	Annathurai S., Chidambaram S., Rathinam M., Venkatesan G.K.D.P.	Department of Electronics and Communication Engineering	Journal of Materials Science: Materials in Electronics	2019	9574522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061582206&doi=10.1007%2Fs10854-019-00891-3&partnerID=40&md5=35e11d9eed768272f38cd6b26b080
Structural, optical, photoluminescence and electrochemical behaviours of Mg, Mn dual-doped ZnS quantum dots	Sakthivel P., Prasanna Venkatesan G.K.D., Subramaniam K., Muthukrishnan P.	Department of Physics	Journal of Materials Science: Materials in Electronics	2019	9574522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066981534&doi=10.1007%2Fs10854-019-01551-2&partnerID=40&md5=5715b56759e0e428208e7709b873eda4
Reduced graphene oxide modified titania photoanodes for fabrication of the efficient dye-sensitized solar cell	Ramamoorthy, R.; Eswaramoorthi, V.; Sundararajan, M.; Boobalan, M.; Sivagami, A. D.; Williams, R. Victor	Karpagam Academy of Higher Education	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	2019	9574522	https://www.scopus.com/record/display.uri?eid=2-s2.0-85067789845&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=39677a5a5a65d72a39ad3cfbff720&ot=b&sd=b&sl=126&s=TITLE-ABS-KEY+%28Reduced+graphene+oxide+modified+titania+photoanodes+for+fabrication+of+the+efficient+dye+sensitized+solar+cell%29&relpos=0&citeCnt=2&searchTerms
Numerical Function Optimization in Brain Tumor Regions Using Reconfigured Multi-Objective Bat Optimization Algorithm	Gomathi, P.; Baskar, S.; Shakeel, P. Mohamed; Dhulipala, V. R. Sarma	Karpagam Academy of Higher Education	JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS	2019	-	https://ml.darivate.com/search-results?issn=2156-7018
Accurate Approach Towards Efficiency of Searching Agents in Digital Libraries Using Keywords	Vijayalakshmi Yellepeddi, Manimegalai P, Sasidhar Babu Suvanam	Department of Computer Science and Engineering	Journal of Medical Systems	2019	1485598	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065119053&doi=10.1007%2Fs10916-019-1294-5&partnerID=40&md5=10a6c164ce60c11978e7fb416c85ce
Synthesis, spectral, and computational studies of some energetic picrates	Balachandar K.G., Thangamani A.	Department of Chemistry	Journal of Molecular Structure	2019	222860	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067246352&doi=10.1016%2Fj.molstruc.2019.05.018&partnerID=40&md5=874d5913cd9d3f795c4b01fa7faeef
Physico-Chemical Properties of Fiber Extracted from the Flower of Celosia Argentea Plant	Manimaran, P.; Sanjay, M. R.; Senthamarakannan, P.; Saravanakumar, S. S.; Siengchin, Suchart; Pitchayapillai, G.; Khan, Anish	Karpagam Academy of Higher Education	JOURNAL OF NATURAL FIBERS	2019	15440478	https://www.scopus.com/record/display.uri?eid=2-s2.0-85068616337&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=192d8ba1eda449f779b0b0b660d3c008&ot=b&sd=b&sl=104&s=TITLE-ABS-KEY+%28Physico-Chemical+Properties+of+Fiber+Extracted+from+the+Flower+of+Celosia+Argentea+Plant%29&relpos=0&citeCnt=4&searchTerms
Role of cyano substituents on thiophene vinylene benzothiadiazole conjugated polymers and application as hole transporting materials in perovskite solar cells	Maresh, K.; Karpagam, S.; Putnin, Thirithar; Huang Le; Thanh-Tuan Bui; Ounnunkad, Kontad; Goubard, Fabrice	Karpagam Academy of Higher Education	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	2019	10106030	https://www.scopus.com/record/display.uri?eid=2-s2.0-85057140034&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=9315a469565b5704e16c4b77805&ot=b&sd=b&sl=124&s=TITLE-ABS-KEY+%28Role+of+cyano+substituents+on+thiophene+vinylene+benzothiadiazole+conjugated+polymers+as+hole+transporting+materials+in+perovskite+solar+cells%29&relpos=0&citeCnt=3&searchTerms

Dental pulp stem cells therapy overcome photoreceptor cell death and protects the retina in a rat model of sodium iodate-induced retinal degeneration	Alsaedi H.A., Koh A.E.-H., Lam C., Rashid M.B.A., Harun M.H.N., Saleh M.F.B.M., Teh S.W., Liu C.D., Ng M.H., Isa H.M., Leow S.N., Then K.Y., Bastion M.-L.C., Mok P.L., Muthuvenkatachalam B.S., Samrot A.V., Swamy K.B., Nandakumar J., Kumar S.S.	Department of Biochemistry	Journal of Photochemistry and Photobiology B: Biology	2019	10111344	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8506968388&doi=10.1016%2Fj.jphotobiol.2019.111561&partnerID=40&md5=33da86774285fd010a5d42f3a00903e
A review of anode material for lithium ion batteries	Pradeep N., Sivasenthil E., Janarthanan B., Sharmila S.	Department of Physics	Journal of Physics: Conference Series	2019	17426588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076420993&doi=10.1088%2F1742-6596%2F1362%2F1201202&partnerID=40&md5=83941446888340ea09cb2626cabd396d
EFFECTS OF VARIABLE TEMPERATURE ON MIXED CONVECTION OF A CU-WATER NANOFLUID IN A DOUBLE-LID-DRIVEN POROUS ENCLOSURE WITH ACTIVE MIDDLE VERTICAL WALL	Begum, A. Shamadhani; Nithyadevi, N.; Öztop, Hakan F.; Abu-Hamdeh, Nidal	Department of Physics	JOURNAL OF POROUS MEDIA	2019		-
Bifidobacterium sp as probiotic agent - Roles and applications	Yakoob R., Pradeep B.V.	Department of Microbiology	Journal of Pure and Applied Microbiology	2019	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073068697&doi=10.22207%2FJPAM.13.3.11&partnerID=40&md5=810d434ea084c0108f4099cc6d8cf1bf
Studies on Phytochemical Screening and Antibacterial Activity of Rhizome Extracts of Coleus forskohlii Briq	Shanmugam S., Pradeep B.V.	Department of Microbiology	Journal of Pure and Applied Microbiology	2019	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073069330&doi=10.22207%2FJPAM.13.3.45&partnerID=40&md5=43098777ee2a75d30ad84de00551e1cf
Thermal performance of single glazing flat plate photovoltaic thermal hybrid system with various air channels	Srimanickam B., Saranya A.	Department of Physics	Journal of Testing and Evaluation	2019	903973	https://www.scopus.com/inward/record.uri?eid=2-s2.0-
Calorimetric study on EuCoGe3 and EuRh2In8 under pressure	Muthu S.E., Braithwaite D., Salce B., Arumugam S., Govindaraj L., Saravanan C., Kanagaraj M., Sarkar S., Peter S.C.	Department of Physics	Journal of the Physical Society of Japan	2019	319015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068439367&doi=10.7566%2FJPSI.88.074702&partnerID=40&md5=a9b520c57b53380f46b2f3b0e558cb1
Generating 3D image based on depth map estimation using hybrid clustering and merging algorithm	Sreeletha S.H., Abdul Rehman M.	Department of Computer Science and Engineering	Journal of Theoretical and Applied Information Technology	2019	19928645	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070773817&partnerID=40&md5=599747a1fa798527993374919f59a78f
Investigation of optical limiting and third-order optical nonlinear properties of 2-Nitroaniline by Z-scan and f-scan techniques	Dinesh Babu K., Murali K., Karthikeyan N., Karuppusamy S.	Department of Physics	Laser Physics	2019	1054660X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072603577&doi=10.1088%2F1555-6611%2F268&partnerID=40&md5=65b4762e5c26
Raman spectroscopic analysis of ovarian cancer tissues and normal ovarian tissues	Viswanathan K., Soumya K., Gurusankar K., Jayavijayan S.	Department of Physics	Laser Physics	2019	1054660X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064940181&doi=10.1088%2F1555-6611%2F268&partnerID=40&md5=cc1077140372844043e32f0b523297
Characterization of Economical Aluminium MMC Reinforced with Weld Slag Particles	Paranthaman P., Gopal P.M., Sathiesh Kumar N.	Department of Mechanical Engineering	Lecture Notes in Mechanical Engineering	2019	21954356	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064939260&doi=10.1007%2F978-981-13-6374-0_28&partnerID=40&md5=d796a1eb0189f67d50df0
Design and Analysis of Stringer on the Chassis Frame in Load Carrying Vehicle	Stalin B., Ravichandran M., Ramesh Kannan C., Sathiya Moorthi K.	Department of Mechanical Engineering	Lecture Notes in Mechanical Engineering	2019	21954356	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064953367&doi=10.1007%2F978-981-13-6374-0_26&partnerID=40&md5=e6747b704b21606eeb97934e71e455f
Multicriteria Optimization of Machining Parameters in WEDM of Titanium Alloy 6242	Prasanna R., Gopal P.M., Uthayakumar M., Aravind S.	Department of Mechanical Engineering	Lecture Notes in Mechanical Engineering	2019	21954356	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064901107&doi=10.1007%2F978-981-13-6374-0_98&partnerID=40&md5=c43559539e891e4a8e28c5a7d06ea2c5
Performance Analysis of 5S304 Steel Hat Stringer on the Chassis Frame	Ramesh Kannan C., Stalin B., Ravichandran M., Sathiya Moorthi K.	Department of Mechanical Engineering	Lecture Notes in Mechanical Engineering	2019	21954356	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064916692&doi=10.1007%2F978-981-13-6374-0_34&partnerID=40&md5=7c4e1a3c10e731d6f343b
Molecular mechanisms of curcumin and its analogs in colon cancer prevention and treatment	Selvam C., Prabu S.L., Jordan B.C., Purushothaman Y., Umanaheswari A., Hosseini Zare M.S., Thilagavathi R.	Department of Biotechnology	Life Sciences	2019	243205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074757841&doi=10.1016%2Fj.lfs.2019.11.2032&partnerID=40&md5=5e6526a43991654a381772c292e52d2
Sensor-assisted assessment of the tribological behavioral patterns of Al-SiCp composites under various environmental temperature conditions	Manivannan S., Kumaran S.S., Narayanan S., Srinivasan K., Raj A.N.J.	Department of Mechanical Engineering	Materials	2019	19961944	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076206418&doi=10.3390%2Fma12234004&partnerID=40&md5=1e17a12eb9828022ecab2c03e969cf04
Influence of materials and machining parameters on WEDM of Al/AlCoCrFeNiMo 0.5 MMC	Karthik S., Prakash K.S., Gopal P.M., Jothi S.	Department of Mechanical Engineering	Materials and Manufacturing Processes	2019	10426914	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063668837&doi=10.1080%2F10426914.2019.1594250&partnerID=40&md5=8f86b8c474b561a16b5f291cc23ef7b3
Influence of materials and machining parameters on WEDM of Al/AlCoCrFeNiMo 0.5 MMC	Karthik S.; Prakash, K. Soorya; Gopal, P. M.; Jothi, Sathiskumar	Department of Mechanical Engineering	MATERIALS AND MANUFACTURING PROCESSES	2019		-
Machinability Analysis and ANFIS modelling on Advanced Machining of Hybrid Metal Matrix Composites for Aerospace Applications	Manikandan N., Balasubramanian K., Palanisamy D., Gopal P.M., Arulkrubakaran D., Binoj J.S.	Department of Mechanical Engineering	Materials and Manufacturing Processes	2019	10426914	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076429767&doi=10.1080%2F10426914.2019.1689264&partnerID=40&md5=0765f831ae4f12e2694096
A type-II MoS ₂ /ZnO heterostructure with enhanced photocatalytic activity	Selvaraj R., Kalimuthu K.R., Kalimuthu V.	Department of Physics	Materials Letters	2019	0167577X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061635478&doi=10.1016%2Fmatlet.2019.02.022&partnerID=40&md5=44188ebd0410388aa73da2693234fc06
A type-II MoS ₂ /ZnO heterostructure with enhanced photocatalytic activity	Selvaraj, Rajkumar; Kalimuthu, Kavi Rasu; Kalimuthu, Vijayarangamuthu	Department of Mechanical Engineering	MATERIALS LETTERS	2019	0167577X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85061635478&origin=resultslist&sort=plf-f&scs=st1&st2=&sid=efc8f9f1ef7787a5e216ecb18ec2c31&scot=b&sd=b&id=88&=TITLE-ABS-KEY+MoS2&+type=ti+MoS2%2FZnO+heterostructure+with+enhanced+photocatalytic+activity%29&elpos=0&citeCnt=12&aa=rchTerm
Material characterization and unconventional machining on synthesized Niobium metal matrix	Sivakandhan C., Babu Loganathan G., Murali G., Suresh Prabhu P., Marichamy S., Sai Krishnan G., Pradhan R.	Department of Mechanical Engineering	Materials Research Express	2019	20531591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850779493767&doi=10.1088%2F2053-1591%2F268&partnerID=40&md5=f8cc087c1728d3c715b2de44a321f14
Synthesis, characterisation and erosion behaviour of AlCoCrMoNi high entropy alloy coating	Vallimanalan A., Babu S.P.K., Muthukumar S., Murali M., Mahendran R., Gaurav V., Manivannan S.	Department of Mechanical Engineering	Materials Research Express	2019	20531591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073714288&doi=10.1088%2F2053-1591%2F268&partnerID=40&md5=87884cd270f2ea6514e1974f537e85f
Effect of titanium dioxide (TiO ₂) nano-fluid on performance and emission features of a diesel engine operated on aphanizomenon flos biodiesel-diesel blend	Jayabalaji G., Shanmugasundaram P.	Department of Mechanical Engineering	Materials Science Forum	2019	2555476	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072953588&doi=10.4028%2Fwww.scientific.net%2FMSF.969.421&partnerID=40&md5=60cd391982f500753ac5538a0f387915
Electrical discharge machining characteristics of ecap copper electrode	Gopal R., Thangadurai K.R., Thirunavukkarasu K.	Department of Mechanical Engineering	Materials Science Forum	2019	2555476	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072983003&doi=10.4028%2Fwww.scientific.net%2FMSF.969.738&partnerID=40&md5=4b1159c0078da6e0843bf10c64aed1
Microstructural and corrosion studies by immersion in 3.5% NaCl solution on aged mg-9al-1zn-xca alloy	Manivannan S., Narenthiran B., Sivanantham A., Kumaresh Babu S.P.	Department of Mechanical Engineering	Materials Science Forum	2019	2555476	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072991916&doi=10.4028%2Fwww.scientific.net%2FMSF.969.338&partnerID=40&md5=4c64868436c2a91d646c89f71b57bb37
Parametric optimization of dissimilar tig welding of aisi 304l and 430 steel using taguchi analysis	Sivanantham A., Manivannan S., Kumaresh Babu S.P.	Department of Mechanical Engineering	Materials Science Forum	2019	2555476	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072984605&doi=10.4028%2Fwww.scientific.net%2FMSF.969.625&partnerID=40&md5=743b83e7d60959c3ba16cf0abf48467
Non-linear structural and surface morphological modifications due to gamma irradiation in p-type porous silicon	Pandaram P., Saranya A., Jothi S., Lawrence B., Prithvikumar N., Jayakumar N.	Department of mathematics	Materials Science in Semiconductor Processing	2019	13698001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850708529708&doi=10.1016%2Fmssp.2019.104678&partnerID=40&md5=3bdcace6bcb089a983079a51353a9b4a0
Effect of Nd on the microstructure and corrosion behaviour of Mg-9U-3Al magnesium alloy in 3.5 wt.% NaCl solution	Dinesha P., Manivannan S., Babua S.P.K., Natarajana S.	Department of Mechanical Engineering	Materials Today: Proceedings	2019	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072297287&doi=10.1016%2Fmatpr.2019.05.034&partnerID=40&md5=c6e53fa8b87d6ab27ced74ec26c4fd9f

Energy and environment control to box type solar cooker and nanoparticles mixed bar plate coating with effect of thermal image cooking pot	Palanikumar G., Shanmugan S., Janarthanan B., Sangavi R., Geethanjali P.	Department of Physics	Materials Today: Proceedings	2019	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073051255&doi=10.1016/j.matpr.2019.06.586&partnerId=40&md5=8d515fd29ff9e2f7f004ee47841196
Mechanical and metallurgical characterization of friction stir welded AA6061-ZrO ₂ -C hybrid MMCs	Pandiyarajan R., Maran P., Marimuthu S., Arumugam K.	Department of Mechanical Engineering	Materials Today: Proceedings	2019	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077326857&doi=10.1016/j.matpr.2019.06.760&partnerId=40&md5=4933382383e244836c80397b24014ref
Multi-objective optimization in WEDM process of graphene - SiC-magnesium composite through hybrid techniques	Kavimani, V.; Prakash, K. Soorya; Thankachan, Titus	Karpagam Academy of Higher Education	MEASUREMENT	2019	2632241	https://www.scopus.com/record/display.uri?eid=2-s2.0-85066928966&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=26877ca9bbe2197f9b62d2b1a1862b5&spot-b&sd=b&id=124&s=TITLE-ABS-KEY+%28Multi-objective+optimization+in+WEDM+process+of+graphene+SiC-magnesium+composite+through+hybrid+techniques%29&relpos=0&citeCnt=22&searchTerm=
A self-verifiable computational visual cryptographic protocol for secure two-dimensional image communication	Mary, G. Selva; Kumar, S. Manoj	Karpagam Academy of Higher Education	MEASUREMENT SCIENCE AND TECHNOLOGY	2019	9570233	https://www.scopus.com/record/display.uri?eid=2-s2.0-85075664268&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=17fb2113b7c2c2d683b00f1be2be35&spot-b&sd=b&id=124&s=TITLE-ABS-KEY+%28A-self-verifiable+computational+visual+cryptographic+protocol+for+secure+two-dimensional+image+communication%29&relpos=0&citeCnt=0&searchTerm=
Gradient based fractal image compression using Cayley table	Sheeba K., Abdul Rahiman M.	Department of Computer Science and Engineering	Measurement: Journal of the International Measurement Confederation	2019	2632241	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064277192&doi=10.1016/j.measurement.2019.02.038&partnerId=40&md5=8ab0d73ac1b51131b70feb94d8e5
Multi-objective optimization in WEDM process of graphene - SiC-magnesium composite through hybrid techniques	Kavimani V., Soorya Prakash K., Thankachan T.	Department of Mechanical Engineering	Measurement: Journal of the International Measurement Confederation	2019	2632241	https://www.scopus.com/record/display.uri?eid=2-s2.0-85066928966&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=1bc596f19b715807b90cd4d0c96373&spot-b&sd=b&id=124&s=TITLE-ABS-KEY+%28Multi-objective+optimization+in+WEDM+process+of+graphene+SiC-magnesium+composite+through+hybrid+techniques%29&relpos=0&citeCnt=22&searchTerm=
Performance enhanced ripple transform based compression method for medical images	Anitha J., Eben Sophia P., Son L.H., de Albuquerque V.H.C.	Department of Electronics and Communication Engineering	Measurement: Journal of the International Measurement Confederation	2019	2632241	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065913824&doi=10.1016/j.measurement.2019.04.036&partnerId=40&md5=10558a37bc2c8c72391777ab36404fd
Turning operation of AISI 4340 steel in flooded, near-dry and dry conditions: A comparative study on tool-work interface temperature	Dennison M.S., Sivaram N.M., Barik D., Ponnusamy S.	Department of Mechanical Engineering	Mechanics and Mechanical Engineering	2019	14281511	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069826237&doi=10.2478/2mmme-2019-0023&partnerId=40&md5=507ecbdcfd4c1338852ba71a78cee940
Performance analysis of rectangular microstrip patch antenna for wireless application using FPGA	Gnanamurugan, S.; Sivakumar, P.	Karpagam Academy of Higher Education	MICROPROCESSORS AND MICROSYSTEMS	2019	18761100	https://www.scopus.com/record/display.uri?eid=2-s2.0-85070577201&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=1d726c72ac491f1368cd5d2dec6328f&spot-b&sd=b&id=112&s=TITLE-ABS-KEY+%28Performance+analysis+of+rectangular+microstrip+patch+antenna+for+wireless+application+using+FPGA%29&relpos=0&citeCnt=0&searchTerm=
Extreme Gradient Boost Classification Based Interesting User Patterns Discovery for Web Service Composition	Chakravarthy, D. Gowtham; Kannimuthu, S.	Karpagam Academy of Higher Education	MOBILE NETWORKS & APPLICATIONS	2019	1383469X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85075194900&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=47580257729b66ad29cb81c08d4c&spot-b&sd=b&id=123&s=TITLE-ABS-KEY+%28Extreme+Gradient+Boost+Classification+Based+Interesting+User+Patterns+Discovery+for+Web+Service+Composition%29&relpos=0&citeCnt=0&searchTerm=
An effective image retrieval system using machine learning and fuzzy c-means clustering approach	Nair L.R., Subramaniam K., Venkatesan G.K.D.P.	Department of Electronics and Communication Engineering	Multimedia Tools and Applications	2019	13807501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071652623&doi=10.1007/s11042-019-7526-3&partnerId=40&md5=42649a4ed0b3103ee5c2f15b8c482fc9
Analytics in real time surveillance video using two-bit transform accelerative regressive frame check	Manogaran G., Baskar S., Shakeel P.M., Chilamkurti N., Kumar R.	Department of Electronics and Communication Engineering	Multimedia Tools and Applications	2019	13807501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8506519075&doi=10.1007/s11042-019-7528-1&partnerId=40&md5=427f61f404d0cd4f307ec9a5de2133
Identifying brain abnormalities from electroencephalogram using evolutionary gravitational neocognitron neural network	Gomathi P., Baskar S., Shakeel P.M., Dhulipala V.R.S.	Department of Electronics and Communication Engineering	Multimedia Tools and Applications	2019	13807501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061515099&doi=10.1007/s11042-019-7301-5&partnerId=40&md5=ef58a3eab2b5b45a278f4519b96cdf
Prediction of cirrhosis disease from radiologist liver medical image using hybrid coupled dictionary pairs on longitudinal domain approach	Kirubakaran J., Prasanna Venkatesan G.K.D., Baskar S., Kumaresan M., Annamalai S.	Department of Electronics and Communication Engineering	Multimedia Tools and Applications	2019	13807501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8506139951&doi=10.1007/s11042-019-7259-3&partnerId=40&md5=4c1ea1bb5c374049f87e9e293a7d42ba
Rapid speedup segment analysis based feature extraction for hand gesture recognition	Parvathy D.P., Subramaniam K.	Department of Computer Science and Engineering	Multimedia Tools and Applications	2019	13807501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064519075&doi=10.1007/s11042-019-7528-1&partnerId=40&md5=427f61f404d0cd4f307ec9a5de2133
Second-order nonlinear optical properties of eight-membered centrosymmetric cyclic borasiloxanes	Gopalakrishnan M., Viswanathan T., David E., Thirumorthy K., Bhuvanesh N.S.P., Palanisami N.	Department of Chemistry	New Journal of Chemistry	2019	11440546	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068548210&doi=10.1039/c9nj01611b&partnerId=40&md5=84c7771abb8978c72699ab9873eb21b34d5938
Advanced algorithms for medical image processing	Rajendran T., Sridhar K.P., Manimurugan S., Deepa S.	Department of Electronics and Communication Engineering	Open Biomedical Engineering Journal	2019	18741207	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078576928&doi=10.2174/218741207019130101028&partnerId=40&md5=2fe469ba0784a2b59d05c921b34d5938
Brain-computer interface for persons with motor disabilities - A review	Anitha T., Shanthi N., Sathiyasheelan R., Emayavaramban G., Rajendran T.	Department of Biochemistry	Open Biomedical Engineering Journal	2019	18741207	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078576928&doi=10.2174/218741207019130101028&partnerId=40&md5=2fe469ba0784a2b59d05c921b34d5938
Non-invasive estimation of haemoglobin level using PCA and artificial neural networks	Lakshmi M., Manimegalai P.	Department of Electronics and Communication Engineering	Open Biomedical Engineering Journal	2019	18741207	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078563632&doi=10.2174/218741207019130101028&partnerId=40&md5=7a4854bb3096185ef76a2064ae85c
Performance analysis of fuzzy multilayer support vector machine for epileptic seizure disorder classification using auto regression features	Rajendran T., Sridhar K.P., Deepa S.	Department of Electronics and Communication Engineering	Open Biomedical Engineering Journal	2019	18741207	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850769114638&doi=10.2174/218741207019130101038&partnerId=40&md5=75932ddaf731f2d363354d1f99e1bd631
A Comprehensive Review of Digital Data Hiding Techniques	Rasmi A., Arunkumar B., Anees V.M.	Department of Electronics and Communication Engineering	Pattern Recognition and Image Analysis	2019	10546618	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077038668&doi=10.1134/s105466181904014X&partnerId=40&md5=44f0dbd524204ec78d015a995b53986b
Metaheuristic FIR filter with game theory based compression technique- A reliable medical image compression technique for	U L. Muneeswaran V., Ramkumar S., Emayavaramban G., Gonzalez G.R.	Department of Electrical and Electronics Engineering	Pattern Recognition Letters	2019	1678655	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071420831&doi=10.1007/s121083-019-00804-
Delay sensitive aware distributed data fault recognition algorithm for distributed sensor networks	Kirubakaran J., Prasanna Venkatesan G.K.D., Kumar K.S., Dhanabal S., Baskar K.	Department of Electronics and Communication Engineering	Peer-to-Peer Networking and Applications	2019	19366442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071420831&doi=10.1007/s121083-019-00804-

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Machine learning based multi scale parallel K-means++ clustering for cloud assisted internet of things	Mydhili S.K., Periyanyagi S., Baskar S., Shakeel P.M., Hariharan P.R.	Department of Computer Science and Engineering	Peer-to-Peer Networking and Applications	2019	19366442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073964629&doi=10.1007%2Fs12083-019-00800-9&partnerID=40&md5=010761671322726244f5a774d99faa9b
An overview of phytochemical and pharmacological potentials of punica granatum L	Jacob J., Rajiv P., Gopalan R., Lakshmanaperumalsamy P.	Department of Biotechnology	Pharmacognosy Journal	2019	9753575	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072609644&doi=10.5530%2Fpji.2019.11.181&partnerID=40&md5=3540a5ed02b2c7ed80424867e3091b8
Evaluation of Anti-psoriatic Potential of the Fruit Rind of Punica granatum L	Jacob J., Gopalan R., Lakshmanaperumalsamy P., Illuri R., Bhosle D., Sangli G.K., Mundkinajeddu D.	Department of Biotechnology	Pharmacognosy Journal	2019	9753575	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068724073&doi=10.5530%2Fpji.2019.11.73&partnerID=40&md5=dda4028a28e30caa409e61c8596e32cb
Magnetic field regulates plant functions, growth and enhances tolerance against environmental stresses	Radhakrishnan R.	Department of Microbiology	Physiology and Molecular Biology of Plants	2019	9715894	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071331025&doi=10.1007%2Fs12598-019-00800-9&partnerID=40&md5=005936d324b41de6b0aad8552478f9a7
Clone attack detection using random forest and multi objective cuckoo search classification	Sherubha P., Amudhavalli P., Sasirekha S.P.	Department of Computer Science and Engineering	Proceedings of the 2019 IEEE International Conference on	2019	978-153867595-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065563908&doi=10.1109%2FICCCSP.2019.8698086&partnerID=40&md5=bdd83527da35ae908b87654e56ed1
Efficient route map based ant colony optimization for route discovery in VANET	Sasirekha S.P., Amudhavalli P., Sherubha P.	Department of Computer Science and Engineering	Proceedings of the 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019	2019	978-153867595-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059551205&doi=10.1007%2Fs12598-018-11389-5&partnerID=40&md5=b3e8a02db5228178e0c8ba799536f
Photocatalytic degradation of environmental perilous gentian violet dye using leucaena-mediated zinc oxide nanoparticle and its anticancer activity	Kanagamani K., Muthukrishnan P., Saravanakumar K., Shankar K., Kathiresan A.	Department of Chemistry	Rare Metals	2019	10010521	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8506803483&doi=10.31788%2FRJC.2019.1225094&partnerID=40&md5=f9989f31eab03d43c1ac2b11405de11
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Adsorption studies on reactive yellow-14 dye using the leaves of Averrhoa bilimbi	Revathi H., Xavier A., Kumar M.D., Saranya T., Kaviyarasu A., Murugan T.	Department of Chemistry	Rasayan Journal of Chemistry	2019	9741496	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8506803483&doi=10.31788%2FRJC.2019.1225094&partnerID=40&md5=f9989f31eab03d43c1ac2b11405de11
Synthesis, anticancer activity and molecular docking studies of some novel quinoline hydrazone derivatives of substituted benzaldehydes	Gayam V., Ravi S., Ravikumar G.M.V.N.A.R., Thangamani A.	Department of Chemistry	Rasayan Journal of Chemistry	2019	9741496	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067103424&doi=10.31788%2FRJC.2019.1225137&partnerID=40&md5=50d828b61ed1569b7281bfaf8a982878
Degradation of Malachite Green using H3PO4 activated Ricinus Communis stem powder	Nirmala D.V., Makeswari M.	Department of Chemistry	Research Journal of Chemistry and Environment	2019	9720626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059033984&partnerID=40&md5=e96519d8253d67401dd978f2a4636c1
Molecular docking study of the new series of ethyl 6-(furan-2-yl) 4-(4-morpholino phenyl)-2-oxo cyclo hex 3-ene carboxylates and their bacterial activity	Senthilcel Khumar A.B., Ezhilarsi M.R., Prabha B., Raja C.	Department of Chemistry	Research Journal of Chemistry and Environment	2019	9720626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073767658&partnerID=40&md5=5e461c233de227e602f58ca4527b517
Clinical assessment on knowledge of garments dust induced bronchial asthma among kongu nadu textile workers	Muthu Kumar A., Gayathri R., Khatija R., Sundara G.R.	Department of Pharmacy	Research Journal of Pharmacy and Technology	2019	9743618	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077311739&doi=10.5958%2F0974-360X.2019.00455.4&partnerID=40&md5=3f1718cab5ef961ed2e35a825023bc6
Development and characterization of silver nanoparticles (AgNPs) using aqueous leaves broth of artemisia vulgaris L. and its anti-fungal activity	Kumararaja G., Saneesh P.N., Satheesh Kumar S., Shahana Parveen V.V., Rahim S.F.A., Shamma K.V., Shamma P.A., Sundaraganapathy R., Gayathri R.	Department of Pharmacy	Research Journal of Pharmacy and Technology	2019	9743618	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075243209&doi=10.5958%2F0974-360X.2019.00834.5&partnerID=40&md5=486f561628750f1c250f678c0b0cc0
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Movement of new direction from conjugated polymer to semiconductor composite polymer nanofiber	Upadhyay, Anjali; Karpagam, Subramanian	Karpagam Academy of Higher Education	REVIEWS IN CHEMICAL ENGINEERING	2019	1678299	https://www.scopus.com/record/display.uri

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Impact of Eu ³⁺ concentration on the fluorescence properties of the LiGd (W0.5Mo0.5O4)(Z) novel red phosphors	Rasu, K. Kavi; Babu, S. Moorthy	Karpagam Academy of Higher Education	SOLID STATE SCIENCES	2019	12932558	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073828718&doi=10.1016%2Fsolidstatesciences.2019.106028&partnerID=40&md5=427e79154dec84d4be110b963261417
Impact of Eu ³⁺ concentration on the fluorescence properties of the LiGd(W0.5Mo0.5O4)Z novel red phosphors	Kavi Rasu K., Moorthy Babu S.	Department of Physics	Solid State Sciences	2019	12932558	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073828718&doi=10.1016%2Fsolidstatesciences.2019.106028&partnerID=40&md5=427e79154dec84d4be110b963261417
Antioxidant and antimicrobial activities of (6E, 10E)-2, 6, 24-trimethyl pentacos-2, 6, 10-triene from Euclea crispa leaves	Palanisamy C.P., Selvarajan R., Balogun F.O., Kanakasabapathy D., Ashafa A.O.T.	Department of Biochemistry	South African Journal of Botany	2019	2546299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066857584&doi=10.1016%2Fsaib.2019.03.019&partnerID=40&md5=b73c70ffa40344a0b4524d8ac036ba
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Emission evaluation on 3-hole and 4-hole nozzle diesel engine with Jatropa and Pongamia (Karanja) mixed bio oil	Nagaraj S.K., Ponnusamy P., Muthukutti G.P., Ponnusamy R.	Department of Mechanical Engineering	Sustainable Environment Research	2019	24682039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850773232748&doi=10.1186%2F142834-019-0018-3&partnerID=40&md5=7fa9d4de490ec10e0ac714f9f162a855
On Class of Mappings in a p-Cyclic Complete Metric Space	Karpinar, Erdal; Karpagam, Saravanan; Magadevan, Prabavathy; Zlatanov, Boyan	Karpagam Academy of Higher Education	SYMMETRY-BASEL	2019	20738994	https://www.scopus.com/record/display.uri?eid=2-s2.0-850655046508&origin=resultslist&sort=plf-f&cc=s&lt1=&lt2=&id=5944b92300f68565c4806b9253a04608&ot=b&ot=b&id=72&cc=TITLE-ABS-KEY+%28On+Class+of+Mappings+in+a+p-Cyclic+Complete+Metric+Space%29&relpos=0&citeCnt=2&searchTerm=
How to Design Donor-Acceptor Based Heterocyclic Conjugated Polymers for Applications from Organic Electronics to Sensors	Maheesh, K.; Karpagam, Subramanian; Pandian, K.	Karpagam Academy of Higher Education	TOPICS IN CURRENT CHEMISTRY	2019	23650869	https://www.scopus.com/record/display.uri?eid=2-s2.0-850649184938&origin=resultslist&sort=plf-f&cc=s&lt1=&lt2=&id=538562f1c7c3158b7d5421e4192f28&ot=b&ot=b&id=36&cc=TITLE-ABS-KEY+%28How+to+Design+Donor-Acceptor+Based+Heterocyclic+Conjugated+Polymers+for+Applications+from+Organic+Electronics+to+Sensors%29&relpos=0&citeCnt=10&searchTerm=
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Improving privacy and trust in federated identity using SAML with hash based encryption algorithm	George J.A., Veni S., Soomroo S.	Department of Computer Science	4th IEEE International Conference on Engineering Technologies and Applied Sciences, ICETAS 2017	2018		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050770135&doi=10.1109%2FICETAS.2017.8277840&partnerID=40&md5=94b28792f1d0bf0ef11aa4c3c5d3dc7
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Evaluation of channel modeling techniques for indoor power line communication	Kasthala S., Prasanna Venkatesan G.K.D.	Department of Electronics and Communication Engineering	Advances in Intelligent Systems and Computing	2018	21945357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042375614&doi=10.1007%2F978-981-10-6875-1_57&partnerID=40&md5=e86c458da1a3a1f75f7bee4d579134b6
Enhancement of anticorrosion properties of stainless steel 304L using nanostructured ZnO thin films	Shajudheen V.P.M., Kumar S.S., Kumar V.S., Maheswari A.U., Sivakumar M., Mohan S.R.	Department of Physics	AIMS Materials Science	2018	23720484	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062422663&doi=10.3934%2FMATERSCI.2018.5.932&partnerID=40&md5=d5219abf9772202b6b6ad01968b96ca2
Unraveling the lipid and pigment biosynthesis in Coelastrella sp M-60: Genomics-enabled transcript profiling	Karpagam, Rathinasamy; Jawaharraj, Kalimuthu; Ashokkumar, Balasubramaniam; Sridhar, Jayavel; Varalakshmi, Perumal	Karpagam Academy of Higher Education	ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS	2018	22119264	https://www.scopus.com/record/display.uri?eid=2-s2.0-85037618721&origin=resultslist&sort=plf-f&cc=s&lt1=&lt2=&id=c78a653e1106410375abbc578bc23b2d8&ot=b&ot=b&id=124&cc=TITLE-ABS-KEY+%28Unraveling+the+lipid+and+pigment+biosynthesis+in+Coelastrella+sp+M-60%3a+Genomics-enabled+transcript+profiling%29&relpos=0&citeCnt=9&searchTerm=
Analeptic agent from microbes upon cyanide degradation	Murugesan T., Durairaj N., Ramasamy M., Jayaraman K., Palaniswamy M., Jayaraman A.	Department of Microbiology	Applied Microbiology and Biotechnology	2018	1757598	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039546970&doi=10.1002%2Fapoc.3998&partnerID=40&md5=57b1962208e9d1a8568f97d9f9fab1b
Synthesis and structural and DNA binding studies of mono- and dinuclear copper(II) complexes constructed with -O and -N donor ligands: Potential anti-skin cancer drugs	Gurudevuru C., Gopalakrishnan M., Senthilkumar K., Hemachandran H., Siva R., Srinivasan T., Velmurugan D., Shanmugan S., Palanisami N.	Department of Chemistry	Applied Organometallic Chemistry	2018	2682605	-
Synthesis and structural and DNA binding studies of mono- and dinuclear copper(II) complexes constructed with O and N donor ligands: Potential anti-skin cancer drugs	Gurudevuru, Champaka; Gopalakrishnan, Mohan; Senthilkumar, Kabali; Hemachandran, Hridya; Siva, Ramamoorthy; Srinivasan, Thothadri; Velmurugan, Devadasan; Shanmugan, Swaminathan; Palanisami, Nallasamy	Karpagam Academy of Higher Education	APPLIED ORGANOMETALLIC CHEMISTRY	2018	2682605	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029451775&doi=10.1002%2Fapoc.3998&partnerID=40&md5=713041a5chf166dc31564959a37549d

A Novel M-ACA-Based Tumor Segmentation and DAPP Feature Extraction with PPCSO-PKC-Based MRI Classification	Lakshmi, Adhi, Arivoli, Thangadurai, Rajasekaran, Murugan Pallikonda	Karpagam Academy of Higher Education	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	2018	2193567X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85056256746&origin=resultslist&sort=plf-f&cc=s&ct1=&ct2=&sid=747ce8133a53d10beeb19366ca2976f8&ot=b&sdft=b&sl=122&=TITLE-ABS-KEY+%28A+Novel+M-ACA-Based+Tumor+Segmentation+and+DAPP+Feature+Extraction+with+PPCSO-PKC-Based+MRI+Classification%29&relpos=0&citeCnt=3&searchTerm=
Development and validation of analytical method for quantitation of Emtricitabine, Tenofovir, Efavirenz based on HPLC	Ramaswamy, Arun; Dhas, Anton Smith Arul Gnana	Karpagam Academy of Higher Education	ARABIAN JOURNAL OF CHEMISTRY	2018	18785352	https://mjil.clarivate.com/search-results?ssn=1878-5352
A correlated Bayesian Game theory with extended credit score for identifying malicious and selfish node in MANET	Sampath S., Veni S.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2018	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044172898&partnerID=40&md5=f2c23ae2b7adaa
A study on characteristics of parameters influencing internal grinding process with MRR	Ijevanantham S., Sivaram N.M., Smart D.S.R., Shanmugasundaram P., Prabu N.M.	Department of Mechanical Engineering	ARPN Journal of Engineering and Applied Sciences	2018	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045003311&partnerID=40&md5=5583940b9a9c6f6
An efficient coronary heart disease prediction by semi parametric extended dynamic Bayesian network with optimized cut points	Gomathi K., Priyaa D.S.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2018	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042630477&partnerID=40&md5=f4b9a1774c9fa1cc27f955a9278e0a66
Implementation on identifying packet misbehavior in network virtualization	Reshmi S., Kumar M.A.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2018	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504260858&partnerID=40&md5=13e3fb30db52127218210d7795fc32f
Intend of power-delay optimized Kogge-Stone based Carry Select Adder	Valsalan P., Manimegalai P.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2018	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044165114&partnerID=40&md5=b743c8b79fd472c2802d5b5749f04f7
In vitro antimicrobial activity and in silico activity of 1-thiocarbamoyl substituted pyrazole derivatives	Chinnamanayakar R., Ezhilarasi M.R., Prabha B., Kulandhaivel	Department of Chemistry	Asian Journal of Chemistry	2018	9707077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043300400&doi=10.14233/2ajchem.2018.20992&partnerID=40&md5=3f043f18dcb0ad150cda3885ac6f39
Molecular docking study of novel synthesized pyrazole derivatives and their antibacterial activity	Khumar A.B.S., Ezhilarasi M.R., Prabha B.	Department of Chemistry	Asian Journal of Chemistry	2018	9707077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043287641&doi=10.14233/2ajchem.2018.20913&partnerID=40&md5=dafa5d4ae068ca16b4ad2ee7674332a
Photocatalytic degradation of methylene blue dye using chitosan silica composite	Saraswathi P., Makeswari M.	Department of Chemistry	Asian Journal of Chemistry	2018	9707077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048157369&doi=10.14233/2ajchem.2018.21272&partnerID=40&md5=7e1f137a941df6e0b37b2ecdabafeba8
Synthesis, single crystal XRD and molecular docking of 3- α -carboxy ethyl rhodanine	Sundaram K., Ravi S., Thenmozhi M., Mohanraj V.	Department of Chemistry	Asian Journal of Chemistry	2018	9707077	https://www.scopus.com/record/display.uri?eid=2-s2.0-85048193530&origin=resultslist&sort=plf-f&cc=s&ct1=&ct2=&sid=d645c961a1db1530885afbd4799aa190&ot=b&sdft=b&sl=98&=TITLE-ABS-KEY+%28Synthesis+%2c+single-crystal+XRD+and+molecular+docking+of+3-%CE%B3-carboxyethylrhodanine%29&relpos=0&citeCnt=0&searchTerm=
A study on adverse drug reactions and their risk factors of anti-asthmatic agents among garments dust-induced asthmatic patients in manchester of south india	Muthukumar A., Sundara Ganapathy R.	Department of Pharmacy	Asian Journal of Pharmaceutical and Clinical Research	2018	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055036759&doi=10.22159/2ajpcr.2018.v11i19.2561&partnerID=40&md5=9eb13406346f2c7f8f4a61e81aed2ad
Antioxidant activity of rhizome extracts of coeleus forskohlii briq	Shanmugam S., Usha R.V., Pradeep B.V.	Department of Microbiology	Asian Journal of Pharmaceutical and Clinical Research	2018	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056612030&doi=10.22159/2ajpcr.2018.v11i11.27125&partnerID=40&md5=277da7ce78527c84af730ad39fd8fee
Anti-quorum sensing potential of limonia acidissima (L.) against vibrio harveyi KUMB-V44	Srinivasan P., Rajalakshmi M., Dinesh Kumar S.	Department of Microbiology	Asian Journal of Pharmaceutical and Clinical Research	2018	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042908460&doi=10.22159/2ajpcr.2018.v11i13.23448&partnerID=40&md5=74a992f41478187e2aaaf015ef7d1a266
Chemical constituents and antioxidant perspectives of extracts of chara globularis and cladophora species (String algae) species	Karpakavalli M., Sangilimuthu A.Y., Mohan S.	Department of Pharmacy	Asian Journal of Pharmaceutical and Clinical Research	2018	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055037040&doi=10.22159/2ajpcr.2018.v11i9.25814&partnerID=40&md5=1edcf98c5dc2fbb041391684e755263f
Enzyme-enhanced extraction of camptothecin and its anticancer activity on breast cancer cell line	Natarajan S., Yadav S.A.	Department of Biotechnology	Asian Journal of Pharmaceutical and Clinical Research	2018	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048222312&doi=10.22159/2ajpcr.2018.v11i8.26333&partnerID=40&md5=a290fe0e2acbac68d075e
Evaluation of the antimalarial potential of streptomyces sp	Sweetline C., Usha R.	Department of Biotechnology	Asian Journal of Pharmaceutical and Clinical Research	2018	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041675210&doi=10.22159/2ajpcr.2018.v11i2.21230&partnerID=40&md5=ad86a97f04a87136659d60a12ae157fc
Micro raman spectroscopic analysis of lobular carcinoma tissues	Reveendran A., Varghese S., Senthil Kumar V., Ranganathan V., Karthikeyan T.M.	Department of Physics	Asian Journal of Pharmaceutical and Clinical Research	2018	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055030008&doi=10.22159/2ajpcr.2018.v11i9.26805&partnerID=40&md5=e6b483c62a9c97dfce64a0b0f464e5b
Micro raman spectroscopic analysis on blood serum samples of ductal carcinoma patients	Varghese S., Reveendran A., Senthil Kumar V., Karthikeyan T.M., Ranganathan V.	Department of Physics	Asian Journal of Pharmaceutical and Clinical Research	2018	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055045285&doi=10.22159/2ajpcr.2018.v11i9.26806&partnerID=40&md5=60f69399e75ecd1dc384cfcfe5e01ef9
Modification of urinary catheters using antimicrobials from Streptomyces sp. ABK 07 for urinary tract infection resistance	Bichang A Kingsley A., Usha R.	Department of Microbiology	Asian Journal of Pharmaceutical and Clinical Research	2018	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049848076&doi=10.22159/2ajpcr.2018.v11i7.25502&partnerID=40&md5=ccd2e7b977c5f142f4cb44d5f07f0d1
Emulgel: A comprehensive review for topical delivery of hydrophobic drugs	Phad A.R., Dilip N.T., Ganapathy R.S.	Department of Pharmacy	Asian Journal of Pharmaceutics	2018	9738398	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054049482&partnerID=40&md5=edccb5f9ced8db683d5329c7d25682a03
A comparative study on the surface finish achieved during turning operation of AISI 4340 steel in flooded, near-dry and dry conditions	Selvam M.D., Sivaram N.M.	Department of Mechanical Engineering	Australian Journal of Mechanical Engineering	2018	14484846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057611957&doi=10.1080%2F14484846.2018.1546363&partnerID=40&md5=45642ada6c21561f588edd3eeabfa090
Effect of confinement on the seismic performance of reinforced concrete exterior beam-column joints	Asha P., Sundararajan R.	Department of Civil Engineering	Australian Journal of Structural Engineering	2018	13287982	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029905970&doi=10.1080%2F13287982.2017.1379144&partnerID=40&md5=b06ace195eedf2255a950b5d40eb287e
Evaluating the nationalization & privatization effect: A case of Indian banking industry	Babu M.R., Ashok Kumar M.	Department of Civil Engineering	Banks and Bank Systems	2018	18167403	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043243058&doi=10.21511%2Fbbs.13%281%29.2018.02&partnerID=40&md5=87fcd5d6df07be15053834889f246d35
An investigation of phytotoxicity using Eichhornia mediated zinc oxide nanoparticles on Helianthus annuus	Rajiv P., Vanathi P., Thangamani A.	Department of Biotechnology	Biocatalysis and Agricultural Biotechnology	2018	18788181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053755644&doi=10.1016%2Fbcbab.2018.09.017&partnerID=40&md5=abd6ecb2da4a879f9244996ee3dec5c
Antimicrobial and larvicidal activity of eco-friendly silver nanoparticles synthesized from endophytic fungi Phomopsis liquidambaris	Seetharaman P.K., Chandrasekaran R., Gnanasekar S., Chandrakasan G., Gupta M., Manikandan D.B., Sivaperumal S.	Department of Biotechnology	Biocatalysis and Agricultural Biotechnology	2018	18788181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049914405&doi=10.1016%2Fbcbab.2018.07.006&partnerID=40&md5=ccf9677903cba875c9e28d075a03
Biosynthesis and characterization of iron oxide nanoparticles using Eichhornia crassipes leaf extract and assessing their antibacterial activity	Jagathesan G., Rajiv P.	Department of Biotechnology	Biocatalysis and Agricultural Biotechnology	2018	18788181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037350215&doi=10.1016%2Fbcbab.2017.11.014&partnerID=40&md5=fdf90cc2f11d37250b739024d8b0457b2c

Effect of Parthenium based vermicompost and zinc oxide nanoparticles on growth and yield of Arachis hypogaea L. in zinc deficient soil	Rajiv P., Vanathi P.	Department of Biotechnology	Biocatalysis and Agricultural Biotechnology	2018	18788181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041562685&doi=10.1016/j.bcab.2018.01.006&partnerID=40&md5=5d521483b15deb928f32b08a0d67e7
Antibacterial efficacy and minimum inhibitory concentrations of medicinal plants against wound pathogens	Rekha S.R., Kulandhaivel M., Hridhya K.V.	Department of Microbiology	Biomedical and Pharmacology Journal	2018	9746242	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052635648&doi=10.13005%2fbpp%2f1368&partnerID=40&md5=f5d726e09a04cd59f20ddff76235
Classification of emotional states in parkinson's disease patients using machine learning algorithms	Rejith K.N., Subramaniam K.	Department of Electronics and Communication Engineering	Biomedical and Pharmacology Journal	2018	9746242	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053614349&doi=10.13005%2fbpp%2f1377&partnerID=40&md5=0854a307e0aed05f38a7d0649407cb2
Classification of fractal features of uterine EMG signal for the prediction of preterm birth	Asmi P.S., Subramaniam K., Iqbal N.V.	Department of Electronics and Communication Engineering	Biomedical and Pharmacology Journal	2018	9746242	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052715508&doi=10.13005%2fbpp%2f1381&partnerID=40&md5=40267e6022cb97698f91a8288bf228b0
Isolation identification and antibiotic sensitivity pattern of pyogens from pyogenic pathogens	Shama M., Murugesan K., Vijayan H.	Department of Microbiology	Biomedical and Pharmacology Journal	2018	9746242	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053602583&doi=10.13005%2fbpp%2f1395&partnerID=40&md5=84bcb4cf04497540b5e843bd9044762
Systematic approach on evaluating the in vitro antioxidant activity of violacein; novel isolate chromobacterium vaccinii CV5	Vishnu T.S., Palaniswamy M.	Department of Microbiology	Biomedical and Pharmacology Journal	2018	9746242	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052626123&doi=10.13005%2fbpp%2f1423&partnerID=40&md5=6b6c0813d4c1535d5a6486fdd7b674f6
Wavelet packet entropy based control of myoelectric prosthesis	Iqbal N.V., Subramaniam K., Asmi P.S.	Department of Electronics and Communication Engineering	Biomedical and Pharmacology Journal	2018	9746242	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053623253&doi=10.13005%2fbpp%2f1382&partnerID=40&md5=0110bda9093e4d339ee8e90601bc5c3
Mobile cloud computing for ECG telemonitoring and real-time coronary heart disease risk detection	Venkatesan, C.; Karthigaikumar, P.; Satheeskumaran, S.	Karpagam Academy of Higher Education	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2018	17468094	https://www.scopus.com/record/display.uri?eid=2-s2.0-85046036645&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=22b1b0795579045d957e786739116f08&ot=&sdt=&sl=113&=TITLE-ABS-KEY+%28Mobile+cloud+computing+for+ECG+telemonitoring+and+real-time+coronary+heart+disease+risk+detection%29&relpos=0&citeCnt=23&searchTerm=
Sodium thiosulphate induced immobilized bacterial disintegration of sludge: An energy efficient and cost effective platform for sludge management and biometanation	Ushani U., Kavitha S., Yakesh Kannah R., Gunasekaran M., Kumar G., Nguyen D.D., Chang S.W., Rajesh Banu J.	Department of Biotechnology	Bioresource Technology	2018	9608524	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045008093&doi=10.1016/j.biortech.2018.03.118&partnerID=40&md5=d2ccccb5dae5b3c2467b03ba2d55232b
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Mitigating eavesdropping by using fuzzy based MDPOP-Q learning approach and multilevel Stackelberg game theoretic approach in wireless CRN	Subbulakshmi, P.; Prakash, M.	Karpagam Academy of Higher Education	COGNITIVE SYSTEMS RESEARCH	2018	13890417	https://www.scopus.com/record/display.uri?eid=2-s2.0-85054305108&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=9764ce4138ea06ffa1097beeb8945c041&ot=&sdt=&sl=154&=TITLE-ABS-KEY+%28Mitigating+eavesdropping+by+using+fuzzy-based+MDPOP-Q+learning+approach+and+multilevel+Stackelberg+game+theoretic+approach+in+wireless+CRN%29&relpos=0&citeCnt=0&searchTerm=
An immersive learning model using evolutionary learning	Bhattacharjee, Deblina; Paul, Anand; Kim, Jeong Hong; Karthigaikumar, P.	Karpagam Academy of Higher Education	COMPUTERS & ELECTRICAL ENGINEERING	2018	457906	https://www.scopus.com/record/display.uri?eid=2-s2.0-85032829128&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=a8d455b832db0395199dd8f0956141ff&ot=&sdt=&sl=71&=TITLE-ABS-KEY+%28An+immersive+learning+model+using+evolutionary+learning%29&relpos=0&citeCnt=12&searchTerm=
Design and implementation of grid connected solar/wind/diesel generator powered charging station for electric vehicles with vehicle to grid technology using IoT	Divyapriya S., Amudha A., Vijayakumar R.	Department of Electrical and Electronics Engineering	Current Signal Transduction Therapy	2018	15743624	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052212782&doi=10.2174%2f15743624136661802261119218&partnerID=40&md5=ef4de93d8b71cc5e593c3c74a5fa60d4
Enhancing the efficiency of wind power using hybrid fire fly and genetic algorithm - Economic load dispatch model	Varghese M.P., Amudha A.	Department of Electronics and Communication Engineering	Current Signal Transduction Therapy	2018	15743624	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052192540&doi=10.2174%2f15743624136661802231251278&partnerID=40&md5=5da14bc7cd56dad38ea8e95356dd047e2
Productivity enhancement of solar still by PCM and Nanoparticles miscellaneous basin absorbing materials	Shanmugan S., Palani S., Janarthanan B.	Department of Physics	Desalination	2018	119164	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038880928&doi=10.1016/j.desal.2017.11.045&partnerID=40&md5=00360d981f692567f8f3b8fb11b6a674
Chromatographic fingerprinting analysis of secondary metabolites present in ethanolic extract of Acanthathera schimperi leaves by high-performance thin-layer chromatography technique	Chaitanya K.K., Hagos Z., Malarvizhi D., Poomina K., Gopalakrishnan V.K.	Department of Biochemistry	Drug Invention Today	2018	9757619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045505006&partnerID=40&md5=6ae14d8f22507364e095d4fa99816dbb
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An experimental study of updraft biomass gasifier using biofuels	Sivakandhan C., Murali G., Prabhu P.S.	Department of Mechanical Engineering	Ecology, Environment and Conservation	2018	0971765X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068507435&partnerID=40&md5=64ab72e860e134cb18cce902c926ae4
Flood disaster preventive measures using GIS and multicriteria technique in the water sheds area of ambasamuthiram town	Seenirajan M., Natarajan M., Thangaraj R., Shanmugasundaram S.	Department of Civil Engineering	Ecology, Environment and Conservation	2018	0971765X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075441222&partnerID=40&md5=3062544ece9aa32e59ff31f60977ff
Performance analysis of diesel engine using corn oil biodiesel and preheating of inlet air: The taguchi approach	Gopinath V., Shanmugasundaram P.	Department of Mechanical Engineering	Ecology, Environment and Conservation	2018	0971765X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061300637&partnerID=40&md5=07b6ee4be1e217c8d05cfe7f7a02675b
Smart-cities and smart-villages in the Indian context: Some behavioral aspects	Varghese P.	Department of Mechanical Engineering	Emerging Trends in Engineering, Science and Technology for Society, Energy and Environment - Proceedings of the International Conference in Emerging Trends in Engineering, Science and Technology, ICETEST 2018	2018		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045852296&doi=10.1021%2facs.energyfuels.7b01977&partnerID=40&md5=24c4323a866a502e0504e54a5f63719
Effect of Compression Ratio on Combustion Performance and Emission Characteristic of a Direct Injection Diesel Engine Fueled with Upgraded Biogas-Karanja Methyl Ester-Diethyl Ether Port Injection	Barik D., Kumar A., Murugan S.	Department of Mechanical Engineering	Energy and Fuels	2018	8870624	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029713970&doi=10.1016/j.ejps.2017.09.019&partnerID=40&md5=f4818dac3d1e5e5711c3fbd3d7306efb0
Identification of 2,4-dihydroxy-5-pyrimidinyl imidothiocarbamate as a novel inhibitor to b box binding protein-1 (YB-1) and its therapeutic actions against breast cancer	Gunasekaran V.P., Nishi K., Sivakumar D., Sivaraman T., Mathan G.	Department of Biotechnology	European Journal of Pharmaceutical Sciences	2018	9280987	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052091518&doi=10.1007%2f12065-018-0162-4&partnerID=40&md5=0ccc204688d7776467e1ed05b75684e
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Analysis of emotional states in Parkinson's disease using entropy, energy-entropy and teager energy-entropy features	Rejith K.N., Subramaniam K.	Department of Electronics and Communication Engineering	Indian Journal of Public Health Research and Development	2018	9760245	https://www.scopus.com/record/display.uri?eid=2-s2.0-85056155615&origin=resultslist&sort=plf-f&src=&st1=&st2=&id=&bb=143153994176a7364ab8ba755c08&ot=b&dt=b&sl=134&=TITLE-ABS-KEY+%3Banalysis+of+emotional+states+in+Parkinson's+disease+using+entropy+energy-entropy+and+teager+energy-entropy+features%29&relpos=0&citeCnt=4&searchTerm=
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Ant based cross layered optimization protocol for wireless multimedia sensor network with fuzzy clustering	Adhyapak D.P., Bhavani S., Laturkar A.P.	Department of Electronics and Communication Engineering	Indonesian Journal of Electrical Engineering and Computer Science	2018	25024752	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504593518&doi=10.11591/2fjiccs.v10.i3.pp1303
Ant based cross layered optimization protocol for WMSN with fuzzy clustering	Adhyapak D., Bhavani S., Laturkar A.P.	Department of Electronics and Communication Engineering	Indonesian Journal of Electrical Engineering and Computer Science	2018	25024752	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040941277&doi=10.11591/2fjiccs.v10.i1.pp295-301&partnerID=40&md5=90a770cd4bdf19a049db94e9cde8e47
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Utilization of flyash and ETP sludge in concrete with addition of Banana fiber	Mariappan C., Natarajan M., Sathianandham T.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2018	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041315889&partnerID=40&md5=392b36d90e6fa42c56abc9092c99db
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Enhancing power quality of ANN controller based PhotoV oltaic source injected DVR	Ramesh T., Mayurinatnan S.K., Saravanan R., Emayavaramban G.	Department of Electrical and Electronics Engineering	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047854687&doi=10.14419%2Fijet.v7i2.31.13430&partnerID=40&md5=30c85e2fcb67b4e7d2a0618b0ab6b7806
Extraction of Hand Gesture features for Indian sign languages using combined DWT-DCT and local binary pattern	Muthukumar K., Poorani S., Gobhinath S.	Department of Electrical and Electronics Engineering	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046376698&doi=10.14419%2Fijet.v7i2.24.12072&partnerID=40&md5=4b693ec3cad98f3a704678d188f32df
Facile synthesis, structural and luminescence studies of MgTiO3:Sm3+ nanophosphor for display applications	Thammana B.M., Senthil Kumar V.	Department of Physics	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057815525&doi=10.14419%2Fijet.v7i4.15760&partnerID=40&md5=dc807d33748f564298c5546d652db6f5
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Hybrid harmony search algorithm & fuzzy logic for solving unit commitment problem with wind power uncertainty	Varghese M.P., Amudha A.	Department of Electrical and Electronics Engineering	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047506976&doi=10.14419%2Fijet.v7i1.9.9837&partnerID=40&md5=407b826177a3164e1ed783a5340dbdc
Improved ant colony on feature selection and weighted ensemble to neural network based multimodal disease risk prediction (WENN-MDRP) classifier for disease prediction over big data	Joel G.N., Manju Priya S.	Department of Computer Science	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85051621902&url=https://www.scopus.com/partoff&ccs=8&tit1=8&tit2=&sid=f338c7466e4cccb15c73d79b911c536&scotrb&scdtrb&sl=185&e=TITLE-ABS-KEY+X&28improved+ant+colony+on+feature+selectio+n+and+weighted+ensemble+to+neural+network+bas+ed+multimodal+disease+risk+prediction+classifier+f+or+disease+prediction+overs+big+data%29&relpos=0&citeCnt=1&searchTerm=
Inductance gradient and current density distribution for T-shaped convex and concave rail cross-sections	Saravana Kumar M.N., Murugan R., Shivkumar P.	Department of Electrical and Electronics Engineering	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063184640&doi=10.14419%2Fijet.v7i1.9.9773&partnerID=40&md5=38d7eca5199b33456403a75ceb0fbc45
IoT based smart traffic signal monitoring system using vehicles counts	Janahan S.K., Veeramannick M.R.M., Arun S., Narayanan K., Anandan R., Parvez S.J.	Department of Computer Science and Engineering	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048665177&partnerID=40&md5=4e05cab66723210da4851ee8e5cf3752

Job satisfaction of female faculty in Arts and Science Colleges in Coimbatore District	Sumathi V., Velmurugan R.	Department of Management	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082354215&doi=10.14419%2Fijet.v7i12.9.9748&partnerId=40&md5=aa28a3dbced60664262a6d47b4fb985
Optimal design selection and analysis of single sided linear induction motor	Issac S., Poorani S.	Department of Electrical and Electronics Engineering	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046069724&doi=10.14419%2Fijet.v7i12.21.12177&partnerId=40&md5=2007d7243d0631ba35ae24d84215237f
Performance of solar PV-fuel cell (FC) hybrid system for stand-alone applications	Ramesh T., Dharunprasad L., Kaliappan S., Emayavaraman G.	Department of Electrical and Electronics Engineering	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047981199&doi=10.14419%2Fijet.v7i12.21.12380&partnerId=40&md5=e532854e98cb590571c2705279a07c7
Quality of life software employees with reference to Kannur, Kerala	Sreelal, Godanavalli G.	Department of Management	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504786936&doi=10.14419%2Fijet.v7i12.31.13450&partnerId=40&md5=97091e4c27e8ab64d041fe916590918b
Study on loneliness and depression of the institutionalized HIV/AIDS infected persons in Coimbatore	Kurian A., Prathiba N., Ranjit L.	Department of Management	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047867076&doi=10.14419%2Fijet.v7i12.31.13451&partnerId=40&md5=aba4ef4919a418260a87e807fb1b1540
The single server vacation queue with geometric abandonments and Bernoulli's feedbacks	Vijayalakshmi V., Kalidass K.	Department of mathematics	International Journal of Engineering and Technology(UAE)	2018	2272524X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046107081&doi=10.14419%2Fijet.v7i12.21.11861&partnerId=40&md5=041a515633a8443e18b62eb6565640cc
Secure and compact implementation of optimized Montgomery multiplier based elliptic curve cryptography on FPGA with road vehicular traffic collecting protocol for VANET application	Baskar, S.; Dhulipala, V. R. Sarma	Karpagam Academy of Higher Education	INTERNATIONAL JOURNAL OF HEAVY VEHICLE SYSTEMS	2018	1744232X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85054018329&origin=resultslist&sort=gilf&src=s&st1=&st2=&sid=c1c1dcf8c14081e20ac79e4cb6db51&sort=b&dt=b&sl=196&=TITLE-ABSTRACT-KEY+%28Secure+and+compact+implementation+of+optimized+Montgomery+multiplier+based+elliptic+curve+cryptography+on+FPGA+with+road+vehicular+traffic+collecting+protocol+for+VANET+application%29&relpos=0&citeCnt=4&searchTerm
Evaluation of knee activities using EMG signals for pre-predicting lower limb dystonia diseases	Balasubramanyam V., Balachander K.	Department of Electrical and Electronics Engineering	International Journal of Intelligent Engineering and Systems	2018	2185310X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059449549&doi=10.22266%2Fijee.2018.1231.16&partnerId=40&md5=b637d4f13b9bc66241e235668a18b6c4
A review on certain wind turbine models	Kalaivani M.N., Balachander K.	Department of Electrical and Electronics Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070238825&partnerId=40&md5=ec67b31db4da8859e6939e71426e194e
A study on safety aspects in steel industries	Lakshmana Kumar P., Shanmugasundaram P.	Department of Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060920998&doi=10.24247%2Fijperdap.201951&partnerId=40&md5=8a8986d8c14c56eaa377b42886239f09
A study on the effects of heat treatment on the mechanical properties of aluminium alloy (ADC 12) reinforced with iron oxide (Fe 2 O 3)	Arun Prakash J., Shanmugasundaram P.	Department of Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065080943&doi=10.24247%2Fijperdap.201941&partnerId=40&md5=1136e2702bd0d3296da9e33746f2529
Control of boundary layer build-up in an impeller	Nithiyapathi C., Akilan B.	Department of Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065070581&doi=10.24247%2Fijperdap.201950&partnerId=40&md5=15042f89f602dae85e9913f225697304
Design and hardware implementation of wind – PV system with RSC	Sathishkumar S., Balachander K., Amudha A., Emayavaraman G., Siva Ramkumar M., Divyapriya S.	Department of Electrical and Electronics Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/record/display.uri?eid=2-s2.0-85071760536&origin=resultslist&sort=gilf&src=s&st1=&st2=&sid=3a713132f9f1194a649d1a17da36dc7e&sort=b&dt=b&sl=79&=TITLE-ABSTRACT-KEY+%28Design+and+hardware+implementation+of+wind+pv+system+with+RSC%29&relpos=0&citeCnt=0&searchTerm
Design of transformer less photovoltaic heric inverter with H-SPWM method	Suresh S., Balachander K., Amudha A.	Department of Electrical and Electronics Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071756903&partnerId=40&md5=12f78e872694fcb07be4abfc3c37abe6
Designing and implementation of a hardware model of power rationing using lab view instrumentation system	Balachander K., Amudha A.	Department of Electrical and Electronics Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050261427&doi=10.24247%2Fijperdap.2018103&partnerId=40&md5=c2c0f7936b4b74f69c2536b0d6ef4687
Mechanical properties of snake grass with sisal fiber reinforced pla composites	Thiruvassagam C., Prabakaran S., Suresh P.	Department of Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050310102&doi=10.24247%2Fijperdap.20183&partnerId=40&md5=0f3fb28d6f30c28c86780d732c79e66
Modern plant maintenance and reliability management methods – A review	Deepak Prabhakar P., Dharmaraj A.	Department of Management	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/record/display.uri?eid=2-s2.0-85050310314&origin=resultslist&sort=gilf&src=s&st1=&st2=&sid=bfb51c32aac63a274050952c0e8d170&sort=b&dt=b&sl=86&=TITLE-ABSTRACT-KEY+%28Modern+plant+maintenance+and+reliability+management+methods%29&relpos=0&citeCnt=2&searchTerm
Performance improvisation and mathematical modelling of hardness of tube tex roller used in textile industry	Anandaraj V., Padmanaban K.K., Lakshmanan D.	Department of Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044101881&doi=10.24247%2Fijperdap.2018111&partnerId=40&md5=97a78dee8d7a596319029a97dfbc2e61
Prediction of surface roughness for end milling process using response surface methodology	Manikandaprasath K., Nithyanandam P., Devi R.	Department of Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	22496890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073484874&doi=10.24247%2Fijperdap.20187&partnerId=40&md5=158a1f1937d6915b1b2d872fec6652ed
Combined effects of stir casting and in-situ techniques in the production of Al 6061-TiB2 metal matrix composite with different reaction holding times and its characterization	Lawrance C.A., Suresh Prabhu P.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044779931&partnerId=40&md5=2497fa4a9350e992f9c48908f93c10c
Compressive strength of open cell Al-Si12Fe foam produced through sand casting method	Karuppasamy R., Sivaram N.M., Barik D.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504969141&partnerId=40&md5=abab6ed703086c733ac733120cc7f0e3
Desuperheater nozzle systems spray model for droplet sizes based on the linear instability system analysis	Ramkumar P., Shanmugasundaram P.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504935252&partnerId=40&md5=c05a70a9ecac46f2a3b3a07744331
Effect of dry sliding wear behavior of A356/TiB2 aluminium composite	Ruban S.R., Pushp T.A.J.M., Selvam J.D.R., Shanmugasundaram P.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057556009&partnerId=40&md5=600212cd4d759e2e7434793ab12ed0fa
Effect of temperature, Particle size, load and speed on the dry sliding wear behavior of aluminium 8011-SiC composites	Ashok N., Shanmugasundaram P., Ayele N., Mulu A.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044723897&partnerId=40&md5=27ab98828569c9a310b0833ba1c0d1

Factors affecting employee attrition in small scale industries in Coimbatore district – An empirical study	Nandhini M., Palanivelu P.	Department of Management	International Journal of Mechanical Engineering and Technology	2018	9766340	An+empirical+study%29&repos=0&citeCnt=2&searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85057562033&origin=resultslist&sort=plf- &src=s&tl=8&ut=5&id=026916a17c34c6322dab1c4181962258&ot=b&dt=b&id=172&+TITLE=A85:CEV49282&actor=effect&nc=employee+attrition+ins+mal+scale+industries+in+Coimbatore+district&62%80%93>An+empirical+study%29&repos=0&citeCnt=2&searchTerm=
Heat and mass transfer on unsteady MHD flow in two non-conducting infinite vertical parallel plates with inclined magnetic field	Hemamalini P.T., Shanthi M.	Department of mathematics	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059782743&partnerID=40&md5=6d84bce82512f64adceb91fa2604b6e3
Kelvin - helmholtz instability of superimposed ferrofluids in the presence of periodic tangential magnetic field	Hemamalini P.T.	Department of mathematics	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045884904&partnerID=40&md5=629de04c6cd5ab510abe0a1904aa417
Mechanical characterization and microstructural analysis of snake grass with reinforced poly lactic composites	Thiruvasagam C., Prabakaran S., Suresh P.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063180264&partnerID=40&md5=4a791c357b9db7d177dca9a8770b5f85
Mechanical characterization of steel coated with WC for textile applications	Anandaraj V., Padmanaban K.K., Lakshmanan D.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042734105&partnerID=40&md5=eaa30be5c8433da3b3d458c7dbcc32b9
Performance analysis of a variable compression ratio ci engine using pongamia pinnata bio fuel	Fernandez A.A., Padmanabhan K.K., Shanmugasundaram P.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042694502&partnerID=40&md5=3f0825ced89eece3bd07c25d659aac0
Relationship between burnout and job satisfaction among the teachers in engineering institutes	Joshua Roy J., Ashok Kumar M.	Department of Management	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041729748&partnerID=40&md5=04a8ca26926e47de8157d99f0d08a8
Smart turning rule feedback controller for chatter suppression in magneto-rheological fluid based turning process application	Shanmugasundaram S., Suresh Prabhu P., Prathiba R.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055967092&partnerID=40&md5=db1111cd1f62a60bb6c0ffa410bc74c9
Surface decoration of selenium nanoparticles by proteins from the culinary-medicinal shiitake mushroom, Lentinus Edodes (Agaricomycetes), for enhanced Fibrinolytic activity	Ali S.M., Raman J., Lakshmanan H., Ling T.C., Phan C.-W., Tan Y.S., Sabaratnam V.	Department of Biochemistry	International Journal of Medicinal Mushrooms	2018	15219437	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060389673&doi=10.1615%2fIntMedMushrooms.2018028307&partnerID=40&md5=2bdc81777696c36408e98f185acca5
Epileptic seizure classification using feed forward neural network based on parametric features	Rajendran T., Sridhar K.P.	Department of Electronics and Communication Engineering	International Journal of Pharmaceutical Research	2018	9752366	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057179816&doi=10.31838%2fijpr.v9i3.1561&partnerID=40&md5=c37f3a3d94c824873745302174f894d2
Handling of indeterminacy for trust aware energy consumption using adaptive intuitionistic fuzzy environment in wireless sensor networks	Geetha Lakshmi N., Shanmuga Priyaa D.	Department of Computer Science	International Journal of Recent Technology and Engineering	2018	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060939151&partnerID=40&md5=e4af8f9852209c3afe9d907534e7e
Software testing techniques with artificial intelligence in iot applications	Sathyavathy V., Shanmuga Priyaa D.	Department of Computer Science	International Journal of Recent Technology and Engineering	2018	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060937142&partnerID=40&md5=7b2d7c2eae00085b4c247d764fda1c83
The blooming prospects of probiotic products in India	Lakshmy G., Seetha Devi B., Ramesh B.	Department of Commerce	International Journal of Recent Technology and Engineering	2018	22773878	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060954454&partnerID=40&md5=ba8455116b4f58bed9cd529904dec5ede
Immobilization of cells using sodium alginate for enhanced productivity of antimicrobial compound	Juby T.R., Usha R.	Department of Microbiology	International Journal of Research in Pharmaceutical Sciences	2018	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056108250&doi=10.26452%2fijrps.v9i4.1643&partnerID=40&md5=31772cc204e478326624f4699c9bab
Influence of macerating enzyme - Cellulase on the extraction of valuable compounds: Carotenoid and camptothecin	Natarajan S., Yadav S.A., Manoharan S.P.	Department of Biotechnology	International Journal of Research in Pharmaceutical Sciences	2018	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045234349&doi=10.26452%2fijrps.v9i3.12008&partnerID=40&md5=0eab9d0ca63e654275fb166a99107f48
Isolation, identification, screening and optimization of pectinase producing soil fungi (Aspergillus niger)	Kamalambigeswari R., Yadav S.A., Sivaswamy N., Ushani U.	Department of Biotechnology	International Journal of Research in Pharmaceutical Sciences	2018	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053890925&doi=10.26452%2fijrps.v9i3.1561&partnerID=40&md5=b5d965bc5f3512b5ca104876179b64e9
Artificial bee colony and cuckoo search algorithm for cost estimation with wind power energy	Varghese M.P., Amudha A.	Department of Electrical and Electronics Engineering	International Journal of Simulation: Systems, Science and Technology	2018	14738031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062753770&doi=10.5013%2fijssst.v19.06.18&partnerID=40&md5=c9c4d11a35df0d07bfbae38414f1084d5
Statistical characterization of Indian residential networks for powerline communication	Kasthala S., Venkatesan G.K.D.P., Amudha A.	Department of Electrical and Electronics Engineering	International Journal on Advanced Science, Engineering and Information Technology	2018	20885334	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059517420&doi=10.18517%2fijaset.8.6.2481&partnerID=40&md5=639ec48e0de4921e2a2904cec5c7095
Effect of molybdenum on Li2Mn4O9 for rechargeable lithium ion batteries	Shaji K.K., Sharmila S., Sushama G., Janarthanan B., Chandrasekaran J.	Department of Physics	Ionics	2018	9477047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047483984&doi=10.1007%2fs00884-018-2545-z&partnerID=40&md5=29235e9b5c1494e78263ab88626152fe
Characterization of pterin deaminase from Mucor indicus MTCC 3513	Thandeeswaran M., Karthika P., Mahendran R., Palaniswamy M., Angayarkanni J.	Department of Microbiology	IOP Conference Series: Earth and Environmental Science	2018	17551307	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850456568169&doi=10.1088%2f1755-1315%2f131%2f12102044&partnerID=40&md5=8cd98711db54017858591438c25be36
A DC-DC converter in hybrid symmetrical voltage multiplier concept	Tamil Selvan S., Siva Ramkumar M., Amudha A., Balachander K., Kavitha D.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057834925&partnerID=40&md5=905c6296b3ab38a3874c275d1914fda
A formal analysis of secure HCTE routing mechanism using ea-heed and MCSO	Krishnadas J., Manimegalai P.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065975013&partnerID=40&md5=2beb31ee55584e17f58127399c50627b
A fuzzy logic approach to microgrid demand response in both offline and online mode	Srinivasan P., Balachander K., Amudha A., Emayavaraman G., Siva Ramkumar M.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051076251&partnerID=40&md5=01a1692d3889d83ba943be1a245cd2e7
A high gain input-parallel output-series Dc/Dc converter with dual coupled-inductors	Kalimuthu T., Siva Ramkumar M., Amudha A., Balachander K., Sivaram Krishnan M.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057877960&partnerID=40&md5=cdbc12ceb68fe4d6e078462839ee98b8
A photovoltaic generation system based on hybrid multilevel inverter in order to reduce switching for DC micro grids	Karunamoorthy C., Amudha A., Balachander K., Ramkumar M.S.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057778783&partnerID=40&md5=20c234230fd1da0bbac3fd302391ba10
A single stage three phase inverter based on cuk converter for PV application	Sivakumar P., Siva Ramkumar M., Amudha A., Balachander, Kavitha D.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051858323&partnerID=40&md5=79e31099e2f226155f2800fce6bed20
A study on impact of paradigm shift in hr practices on employee life style and career development with reference to banking sector in India	Arumugam D., Ravishanker S., Loganathan C.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069504647&partnerID=40&md5=756f295e4ea7b8033a2dbdecdb03d017
Achieving efficient and secure data acquisition for cloud-supported internet of things in grid connected solar, wind and battery systems	Jayaprakash M., Kavitha D., Siva Ramkumar M., Balachander K., Sivaram Krishnan M.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057829201&partnerID=40&md5=443ad82044520edd98bac88541d0f4af
Adaptive grey wolf optimization-based clustering for file de-duplication and storage optimization of unstructured data	Powar R.V., Arunkumar B.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068457167&partnerID=40&md5=162f0d64f725daabc1adb2c4595ab582
An effective image retrieval system using color, luminance, texture with shape invariants features	Nair L.R., Subramaniam K.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071624171&partnerID=40&md5=6ece8006ed9142d0b609ba1be1f0c065

An efficient high step up converter for automobile applications using fuzzy logic control technique	Kalimuthu T., Balachander K., Amudha A., Emayavaramban G., Siva Ramkumar M.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055730159&partnerID=40&md5=4a1f0aac2d6f6c7b43ac959ad74200d
Analysis and energy efficiency of small-scale wind energy conversion system using adaptive network based fuzzy inference system (ANFIS) of maximum power point tracking method	Veluchamy R., Balachander K., Amudha A., Siva Ramkumar M., Emayavaramban G.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051081025&partnerID=40&md5=5547e3adeda62491022bb24e8f00c2
Analysis and parallel operation of novel bidirectional DC-DC converter for DC micro grid	Kaleeswari K., Balachander K., Amudha A., Siva Ramkumar M., Kavitha D.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055745634&partnerID=40&md5=3977caa5b6e2250049c49fb4cd35868
Analysis of new novelty multilevel inverter configuration with boost converters for a photovoltaic system with MPPT	Senthil Kumar S., Kavitha D., Amudha A., Emayavaramban G., Siva Ramkumar M.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051859402&partnerID=40&md5=ee569571bf2ecd4b611e879841e7c0b
Ant colony optimization (Aco) with simulated annealing approach (Saa) for optimized multipath operation in Vanet	Krishnakumar K.G., Thomson Fredrik E.J.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062673821&partnerID=40&md5=53b0ddcbceef13eb67d5a0085bf0b4de0
Antecedents of teachers affective, normative and continuance commitment at work place	Joshua Roy J., Venkatachalam S., Dharmaraj A.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060447376&partnerID=40&md5=14b523dbcc4e0a83b4e866b32ceb3074
Cascade cockcroft-walton voltage multiplier applied to transformerless high step-up DC-DC converter	Senthil Kumar S., Siva Ramkumar M., Amudha A., Balachander K., Emayavaramban G.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052102485&partnerID=40&md5=415c6252b059fa3567227eeb28af17db
CIRCM-TSA cooperative interference reduction channel mission in wireless networks with two fish security to detect wormhole attacks	Vijitha S., Bhavani S.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046411624&partnerID=40&md5=09e7aec93f5853d219aa715bc3461630
Design and analysis of power quality improvement in distribution side using PCC technique with fuzzy logic control	Ananthanarayanan S., Amudha A., Balachander K., Kavitha D.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058069629&partnerID=40&md5=a4a4625f97d6ab33fd274413c9b63
DTC-SVM management of induction machine fed by 3 level NPC matrix convertor	Thiruganaselvi A., Siva Ramkumar M., Amudha A., Sivaram Krishan M., Balachander K.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052052474&partnerID=40&md5=e905125fa4b9a7d24117b8eabe2aece
Enhanced object categorization model (EOCM) with combined efficiencies of SVM and NN	Kumaravel S., Veni S.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059486673&partnerID=40&md5=b268864b9b0dc6ee1a84375d04b75f
Enriched secure data transfer using bioscience based routing technique of WSN	Lakshmi N.G., Priyaa D.S.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068463588&partnerID=40&md5=2085a7e77863698b1b49ab786dee9d2
Gaussian distributed binary principal component for text categorization	Ravikumar N., Tamil Selvan P.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062853949&partnerID=40&md5=25df761b549502e5136dc456b78a59f
Grid connected wind energy conversion system with unified power quality conditioner (UPQC) by fuzzy logic	Mohammed Shaheeth M., Kavitha D., Amudha A., Siva Ramkumar M., Balachander K., Emayavaramban G.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057818313&partnerID=40&md5=44b6736375df5a99979b04c218d59e742
Handling vagueness in heart disease detection using fuzzy particle swarm based probabilistic neural network	Gomathi K., Shanmuga Priya D.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062403572&partnerID=40&md5=90793c2be9d8554136b3283e834a4021
High step-up DC-DC converter based on three-winding coupled inductor	Chitra P., Siva Ramkumar M., Amudha A., Balachander K., Emayavaramban G.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051862965&partnerID=40&md5=32a835593447358a7b9b59a54b10bd2
Human resource information security threats: The Indian banking context	Issac P.E., Venkatachalam S.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065995021&partnerID=40&md5=a5239d894dc7c23f186e225c0e60416d
Hybrid electric vehicle charging use of bidirectional isolated DC-DC converter	Murugaiyan G., Kavitha D., Amudha A., Siva Ramkumar M., Emayavaramban G.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058067211&partnerID=40&md5=a1b3d64208adaef1b873ad74900deaf717
Impact of HRM practices on organizational performance in the select star hotels of Coimbatore	Dienshi L., Senthil Kumar V.M.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074208456&partnerID=40&md5=40b6c534d15751c503a2a52d8e36ab0
Implementation of cloud security using mCL-PKE and identity based syncryption	Densy John V., Thomson Fredrik E.J.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063293701&partnerID=40&md5=5bcb77bc7bb88975ced22b831885ee69
Improved malaria prediction using ant colony feature selection and random forest tree in big data analytics	Joel G.N., Manju Priya S.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061045297&partnerID=40&md5=84047c78852e9cde32a86acbbea88474
Integrated DC/DC parallel maximum power point tracking based photovoltaic system architecture for common DC bus	Akiliadevi V., Amudha A., Balachander K., Divyapriya S.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057812193&partnerID=40&md5=98ad042d29bfff054104d5d99ef7203e
Integration of various renewable energy systems with battery energy storage system using optimal energy management system	Sumathi G., Amudha A., Balachander K.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057864585&partnerID=40&md5=7cd172121f5e906574a1a36ac1e4a95
Intuitionistic fuzzy ideals of gamma near-rings	Mala S.K., Shanmugapriya M.M.	Department of mathematics	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073357615&partnerID=40&md5=f4388aff8956507e872be425b32104b1
Maximum power point tracking strategy for a new wind power system with super capacitor connected photovoltaic power generation system and supported to a distribution power grid	Jaiganesh E., Emayavaramban G., Amudha A., Balachander K., Kavitha D.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052062366&partnerID=40&md5=2b566a355599b335c3930b09ee2999b9
Modeling, design and implementation of a power conversion system for WECS by using fuzzy based MPPT	Suresh V., Emayavaramban G., Amudha A., Balachander K., Kavitha D.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053161524&partnerID=40&md5=5108317358e9ea0ec1ec829d02fb46c2
Multi converter unified power quality conditioning (MC-UPQC) for various loads with ANN approach to two source concept	Suresh Kumar K., Balachander K., Amudha A., Siva Ramkumar M.S., Kavitha D.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051055274&partnerID=40&md5=b170330e8a3f6b8ec6089738b89b2fc
Nature of stress teachers face and the ways in which they cope with IT (An empirical study with special references to Coimbatore city)	Selvi G.P., Jothi K.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068438907&partnerID=40&md5=49c57ef26b1908caab4962b166f1ae4a
OBHCTFM-optimized Bayesian resource handling cluster formation and trust monitored using checkpoints in MANET	Unnithan S.N., Bhavani S.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046362573&partnerID=40&md5=0933c70638dfc1f687b5cd0f72822b1e
Optimizing artificial intelligence system using stochastic diffusion search in deep learning network	Maresh A., Manimegalai P.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056870804&partnerID=40&md5=896329827a6ee4dbad61a5364e95cae4
Power grid connected semi-z source inverter supplied by photovoltaic and wind system with a new modulation strategy	Babu D., Amudha A., Balachander K., Emayavaramban G., Siva Ramkumar M.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058072080&partnerID=40&md5=7436ce946d91745d483c9c7519ef1fa7
PV and fuel cell based dynamic voltage restorer for LVRT improvement of DFIGWTS	Shobana R., Balachander K., Amudha A., Emayavaramban G., Siva Ramkumar M.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051090268&partnerID=40&md5=9f427a28d545307a2af6ec44b3ab7e8
Reactive power compensation in a three phase four wire distribution system using DSTSTCOM with fuzzy logic controller	Jesudoss V., Balachander K., Amudha A., Sivaramkumar M., Divyapriya S.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050358588&partnerID=40&md5=6a10ecd18de4467a2b4d4ec421cd7c29
Sink transposes bordering algorithm to improve packet gathering in wireless sensor networks	Senrayan M., Prema R.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060917618&partnerID=40&md5=01c2a9c3407f0172f66e896697b32843

The implementation of hybrid MFSVM in cross sectional views of brain MRI segmentation in the diagnosis of ADHD	Uma Maheswary K., Manju Priya S.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061063710&partnerID=40&md5=4966a32319112077cecc5d6575e1aa
Transient stability improvement in power system with SMES and battery energy storage system	Chinnusamy C., Emayavaramban G., Amudha A., Balachander K., Siva Ramkumar M.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2018	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055241962&partnerID=40&md5=1972ea7c6c9cf93c753a2507af66c
Human epithelial type-2 cell categorization using hybrid descriptor with binary tree	Divya B.S., Subramaniam K., Nanjundaswamy H.R.	Department of Electronics and Communication Engineering	Journal of Ambient Intelligence and Humanized Computing	2018	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049552815&doi=10.1007/s12652-018-0694-6&partnerID=40&md5=966b38c6da8b205839d3f1aa4c1ae58d
Optimization of alkaline protease production by <i>Bacillus cereus</i> FT 1 isolated from soil	Asha B., Palaniswamy M.	Department of Microbiology	Journal of Applied Pharmaceutical Science	2018	22313354	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047668805&doi=10.7324/jtaps.2018.8219&partnerID=40&md5=81ec05a37798f8d183669a8bca192ad2
A Novel Furanocoumarin Neoporsalen from <i>Heracleum candolleianum</i> (Wight et Arn.) Gamble	Divya N.P., Ravi S., Sripathi R., Dharani J., Ramachandran S.G.	Department of Chemistry	Journal of Biologically Active Products from Nature	2018	22311866	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063994188&doi=10.1080/2722311866.2018.1445030&partnerID=40&md5=a8785875c9cb8749412f8f4541fd6d4
Computational and in vitro insights on snake venom phospholipase A(2) inhibitor of phytocompound ikshusterol3-O-glucoside of <i>Clematis gouriana</i> Roxb. ex DC.	Muthusamy, Karthikeyan; Chinnasamy, Sathishkumar; Nagarajan, Subbiah; Sivaraman, Thirunavukkarasu	Karpagam Academy of Higher Education	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2018	7391102	https://www.scopus.com/record/display.uri?eid=2-s2.0-85038103337&origin=resultslist&sort=plf-f&rcs=s&st1=s&st2=s&id=2a5d091f29e04ea72ce9dac6a9180f4&scot=b&sd=b&sl=166&s=TITLE-ABS-KEY+%28Computational+and+in+vitro+insights+onsnake+venom+phospholipase+inhibitor+of+phytocompound+ikshusterol3-O-glucoside+of+Clematis+gouriana+Roxb.+ex+DC.%29&relpos=0&citeCnt=3&searchTerm=
Computational and in vitro insights on snake venom phospholipase A 2 inhibitor of phytocompound ikshusterol3-O-glucoside of <i>Clematis gouriana</i> Roxb. ex DC.	Muthusamy K., Chinnasamy S., Nagarajan S., Sivaraman T.	Department of Bioinformatics	Journal of Biomolecular Structure and Dynamics	2018	7391102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038103337&doi=10.1080/2722311866.2017.1409653&partnerID=40&md5=b632c8dc3ba2473c009905623769e5
Molecular binding mechanism of 5-hydroxy-1-methylpiperidin-2-one with human serum albumin	Yadav S.A., Yeggoni D.P., Devadasu E., Subramanyam R.	Department of Biotechnology	Journal of Biomolecular Structure and Dynamics	2018	7391102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015894249&doi=10.1080/2722311866.2017.1300106&partnerID=40&md5=ef5e1b72af26adfd31008062670f868e
Modeling Social Life Cycle Assessment framework for an electronic screen product - A case study of an integrated desktop computer	Subramanian, Karpagam; Yung, Winco K. C.	Karpagam Academy of Higher Education	JOURNAL OF CLEANER PRODUCTION	2018	0959-6526	https://www.scopus.com/record/display.uri?eid=2-s2.0-85049327204&origin=resultslist&sort=plf-f&rcs=s&st1=s&st2=s&id=bc3a8d6f9267b24328d8c02a0f8d96a&scot=b&sd=b&sl=128&s=TITLE-ABS-KEY+%28Modeling+Social+Life+Cycle+Assessment+framework+for+an+electronic+screen+product.+A+case+study+of+an+integrated+desktop+computer%29&relpos=0&citeCnt=6&searchTerm=
Relevance and feasibility of the existing social LCA methods and case studies from a decision-making perspective	Subramanian, Karpagam; Chau, C. K.; Yung, Winco K. C.	Karpagam Academy of Higher Education	JOURNAL OF CLEANER PRODUCTION	2018	0959-6526	https://www.scopus.com/record/display.uri?eid=2-s2.0-85034088092&origin=resultslist&sort=plf-f&rcs=s&st1=s&st2=s&id=bc3a8d6f9267b24328d8c02a0f8d96a&scot=b&sd=b&sl=128&s=TITLE-ABS-KEY+%28Relevance+and+feasibility+of+the+existing+social+LCA+methods+and+case+studies+from+a+decision-making+perspective%29&relpos=0&citeCnt=8&searchTerm=
Optimised implementation of dense stereo correspondence for resource limited hardware	Anirudhan D.V., Rahiman M.A.	Department of Electronics and Communication Engineering	Journal of Computer Science	2018	15493636	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8506994862&doi=10.3844/ijcspp.2018.1303.1317&partnerID=40&md5=aa06711433f4ddac196b14d7691c2172
Performance analysis of LDA, AdaBoost and ensemble bag classifiers for automatically recognizing nine common facial expressions	Sumithra M.D., Abdul Rahiman M.	Department of Computer Science and Engineering	Journal of Computer Science	2018	15493636	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054557985&doi=10.3844/ijcspp.2018.1226.1237&partnerID=40&md5=6af7acd94eb179980760d10ddfc5c7499
An efficient localization based on relevance vector machine with glow-worm swarm optimization for wireless sensor networks	Arun M., Manimegalai P.	Department of Electronics and Communication Engineering	Journal of Engineering and Applied Sciences	2018	1816949X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043476701&doi=10.3923/jeas.2018.406.414&partnerID=40&md5=9ebd5138df8b28b068ea776891312e1d1
Detection and separation of EEG artifacts using wavelet transform	Suresh Kumar R., Manimegalai P.	Department of Electronics and Communication Engineering	Journal of Engineering and Applied Sciences	2018	1816949X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050646578&doi=10.3923/jeas.2018.4165.4172&partnerID=40&md5=c5f1303e8f4ea502ad15d666ee686ef
Exploring node perceptive routing in mobile Ad hoc network use location pursuing algorithm	Wilson J., Subramaniam K.	Department of Electronics and Communication Engineering	Journal of Engineering and Applied Sciences	2018	1816949X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052948289&doi=10.3923/jeas.2018.5932.5941&partnerID=40&md5=90838c96ca7061b02994deb1906552f
Low cycle fatigue strength analysis of AA7075-T6 and A384.0-T6 friction stir welded aluminium alloys of butt joint	Anganan K., Prabakaran S., Muthukrishnan M.	Department of Mechanical Engineering	Journal of Engineering and Applied Sciences	2018	1816949X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049523369&partnerID=40&md5=9c03576d164dca4f6bd87b08a26592a2
Performance evaluation of RM-MapReducer in web page categorization	Malarvizhi P., Radhika N.	Department of Computer Science and Engineering	Journal of Engineering and Applied Sciences	2018	1816949X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8507995786&doi=10.3923/jeas.2018.10037.10103&partnerID=40&md5=351c1f33325ad656b6bcd5d14dc3985
Benign Approach of Plant-Derived Inhibitor: Assessing Their Anticorrosive Activity on Mild Steel in Acidic Media	Muthukrishnan P., Prakash P., Shankar K., Kathiresan A.	Department of Chemistry	Journal of Failure Analysis and Prevention	2018	15477029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047819215&doi=10.1007/s12652-018-0461-1&partnerID=40&md5=6767e82d061352cc08a4048285059778
Effective utilization of job shop scheduling in auto industries with the aid of social spider optimization	Gavali K.B., Bewoor A.K., Barik D.	Department of Mechanical Engineering	Journal of Green Engineering	2018	19044720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059067506&doi=10.13052/jge.1904.4720.842&partnerID=40&md5=11b886884d71e6dd6ed64c018a7ecf
Screening of polymorphisms of transcription factor 7-like 2 gene in polycystic ovary syndrome using polymerase chain reaction-restriction fragment length polymorphism analysis	Prabhu Y., Sekar N., Abilash V.G.	Department of Biotechnology	Journal of Human Reproductive Sciences	2018	9741208	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051333041&doi=10.4103/jhrrs.jhrrs.123_15&partnerID=40&md5=4125606240c148fb1cd07fbds8ca447
Synthesis, Characterisation and DFT Studies of Stigmaterol Mediated Silver Nanoparticles and Their Anticancer Activity	Kanagamani K., Muthukrishnan P., Ilayaraja M., Shankar K., Kathiresan A.	Department of Chemistry	Journal of Inorganic and Organometallic Polymers and Materials	2018	15741443	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032177192&doi=10.1007/s12652-018-0722-7&partnerID=40&md5=47789635147c0123bf2f727f1cd7e4
Enhanced magnetocaloric effect and magnetic properties in Ni47Mn40-xFe13 (x = 1, 2) Heusler alloy	Arumugam S., Sivaprakash P., Esakki Muthu S., Raj kumar D.M., Manivel Raja M., Manikandan K., Kannan M.	Department of Physics	Journal of Magnetism and Magnetic Materials	2018	3048853	https://www.scopus.com/record/display.uri?eid=2-s2.0-85048815437&origin=resultslist&sort=plf-f&rcs=s&st1=s&st2=s&id=300dbed038ffbbf9e19ba9934e2b9f&scot=b&sd=b&sl=87&s=TITLE-ABS-KEY+%28Enhanced+magnetocaloric+effect+and+magnetic+properties+in+Heusler+alloy%29&relpos=5&citeCnt=2&searchTerm=

Enhanced magnetocaloric effect and magnetic properties in Ni ₄₇ Mn ₄₀ xFe ₁₃ (x=1, 2) Heusler alloy	Arumugam, S.; Sivaprakash, P.; Muthu, S. Esakki; Kumar, D. M. Raj; Raja, M. Manivel; Manikandan, K.; Kannan, M.	Karpagam Academy of Higher Education	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2018	3048853	https://www.scopus.com/record/display.uri?eid=2-s2.0-85048815437&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=3000be038ff6bbf9e19ba9334e2b9f8&ot=b&sd=b&sl=78&=TITLE-ABS-KEY+%28enhanced+magnetocaloric+effect+and+magnetic+properties+in+Heusler+alloy%29&relpos=5&citeCnt=2&searchTerms=
Cu ₂ ZnS and Al ₂ ZnS thin films prepared on FTO substrate by nebulized spray pyrolysis technique	Sabitha C., Kumar K.D.A., Valanarasu S., Saranya A., Joe I.H.	Department of Physics	Journal of Materials Science: Materials in Electronics	2018	9574522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038118666&doi=10.1007%2Fs10854-017-8412-2&partnerID=40&md5=39ecbd453b316fe567c09c682f9ce38f
Synthesis and characterization of tungsten disulfide thin films by spray pyrolysis technique for n-WS ₂ /p-Si junction diode application	Sumathi P., Chandrasekaran J., Mannadu R., Muthukrishnan S., Maruthamuthu S.	Department of Electronics and Communication Engineering	Journal of Materials Science: Materials in Electronics	2018	9574522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051776764&doi=10.1007%2Fs10854-018-9775-7&partnerID=40&md5=b53a66654f7297e50c1115af1
Aggregation induced enhanced emission of diphenylamine and pyridine based conjugated organic materials	Anand, A. S. Vijai; Mahesh, K.; Priyanka, V.; Karpagam, S.	Karpagam Academy of Higher Education	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	2018	9574522	https://www.scopus.com/record/display.uri?eid=2-s2.0-85045874137&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=0e913c9e33df6360659df93dcb881008&ot=b&sd=b&sl=118&=TITLE-ABS-KEY+%28Aggregation+induced+enhanced+emission+of+diphenylamine+and+pyridine+based+conjugated+organic+materials%29&relpos=0&citeCnt=2&searchTerms=
Fuzzy Expert System based on a Novel Hybrid Stem Cell (HSC) Algorithm for Classification of Micro Array Data	Vijay, S. Arul Antran; GaneshKumar, P.	Karpagam Academy of Higher Education	JOURNAL OF MEDICAL SYSTEMS	2018	1485598	https://www.scopus.com/record/display.uri?eid=2-s2.0-85042438324&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=070bb7870e5624acd046e18fca023acd8&ot=b&sd=b&sl=113&=TITLE-ABS-KEY+%28Fuzzy+Expert+System+based+on+a+Novel+Hybrid+Stem+Cell+Algorithm+for+Classification+of+Micro+Array+Data%29&relpos=0&citeCnt=9&searchTerms=
Maintaining Security and Privacy in Health Care System Using Learning Based Deep-Q-Networks	Mohamed Shakeel P., Baskar S., Sarma Dhulipala V.R., Mishra S., Jaber M.M.	Department of Electronics and Communication Engineering	Journal of Medical Systems	2018	1485598	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052726934&doi=10.1007%2Fs10916-018-1045-z&partnerID=40&md5=845ed68fb2a93e5de216e11e1351e6
Photophysical and electrochemical investigation of highly conjugated pyridine based diphenylamine materials	Mahesh, K.; Priyanka, V.; Anand, A. S. Vijai; Karpagam, S.	Karpagam Academy of Higher Education	JOURNAL OF MOLECULAR STRUCTURE	2018	222860	https://www.scopus.com/record/display.uri?eid=2-s2.0-85032370933&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=46317e4e93d8c0f08ce35d4d7a2a68&ot=b&sd=b&sl=123&=TITLE-ABS-KEY+%28Photophysical+and+electrochemical+investigation+of+highly+conjugated+pyridine+based+diphenylamine+materials%29&relpos=0&citeCnt=5&searchTerms=
Characterization of crude and partially purified thermo active and thermo stable alkaline protease produced by Bacillus cereus FT1	Asha B., Palaniswamy M.	Department of Microbiology	Journal of Pharmaceutical Sciences and Research	2018	9751459	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041097565&partnerID=40&md5=d1a7cc02274029761ad45e7d631f72
Chemical composition of Cyatholium cinereum (L.) H. Rob essential oil and its molecular docking study against bacterial proteins	Dharani J., Sripathi R., Ravi S.	Department of Chemistry	Journal of Pharmaceutical Sciences and Research	2018	9751459	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054201341&partnerID=40&md5=332b9182c6bf8a776f7d125e2cd397
Molecular docking studies of 3-A-carboxy ethyl rhodanine and 3-A-carboxy methyl rhodanine against T315l BCR-ABL and HPV 16	Kumar R., Celestina S.K., Sundaram K., Ravi S.	Department of Chemistry	Journal of Pharmaceutical Sciences and Research	2018	9751459	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052744024&partnerID=40&md5=64e256a3e335d61be3d3d1e3b5d224cb
Strain improvement through mutation to enhance pectinase yield from aspergillus Niger and molecular characterization of polygalactouronase gene	Kamalambigeswari R., Alagar S., Sivaswamy N.	Department of Biotechnology	Journal of Pharmaceutical Sciences and Research	2018	9751459	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047835367&partnerID=40&md5=4e34727344f5ac11ca6eb3436f7495a0
Spectral, optical, thermal, Hirshfeld analysis and computational calculations of a new organic proton transfer crystal, 1H-benzo[d][1,2,3]triazol-3-ium-3,5-dinitrobenzoate	Sathya, K.; Dhamodharan, P.; Dhandapani, M.	Karpagam Academy of Higher Education	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2018	223697	https://www.scopus.com/record/display.uri?eid=2-s2.0-85041382290&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=90845478331ecc46d7d29c3e14960c&ot=b&sd=b&sl=188&=TITLE-ABS-KEY+%28Spectral+and+optical+thermal+analysis+and+computational+calculations+of+a+new+organic+proton+transfer+crystal%2a+1H-benzo%5bd%5d+%5b1%2F2%2c3%5dtriazol-3-ium-3%2c5-dinitrobenzoate%29&relpos=0&citeCnt=1&searchTerms=
Spectral, optical, thermal, Hirshfeld analysis and computational calculations of a new organic proton transfer crystal, 1H-benzo[d][1,2,3]triazol-3-ium-3,5-dinitrobenzoate	Sathya K., Dhamodharan P., Dhandapani M.	Department of Chemistry	Journal of Physics and Chemistry of Solids	2018	223697	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041382290&doi=10.1016%2Fj.jpcs.2018.01.040&partnerID=40&md5=081ac77dd25a8e723168cf83b21b70
Aerobic batch degradation of cresol by newly isolated pseudomonas monteilii Cr13	Shainy N.K., Usha R.	Department of Microbiology	Journal of Pure and Applied Microbiology	2018	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046476798&doi=10.22207%2F2IPAM.12.1.37&partnerID=40&md5=569e4d79d0b6ff6fb3cca599670f8
Antibacterial finish for cotton fabric from actinomycetes isolated from forest soil	Juby T.R., Usha R.	Department of Microbiology	Journal of Pure and Applied Microbiology	2018	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047329800&doi=10.22207%2F2IPAM.12.1.39&partnerID=40&md5=9cdbc40ca41c6d56ce834c3440eb71
Bio-augmentation - Effective method of treating plastic waste - A field study	Mohan N., Usha R.	Department of Microbiology	Journal of Pure and Applied Microbiology	2018	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057056550&doi=10.22207%2F2IPAM.12.3.71&partnerID=40&md5=b67b59e225e21f09xc64bc2724b982ec
Biodegradation - A boon for mitigating the polyethylene waste	Mohan N., Kalaivani P., Usha R.	Department of Microbiology	Journal of Pure and Applied Microbiology	2018	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057052085&doi=10.22207%2F2IPAM.12.3.60&partnerID=40&md5=0b3d6772b3ea40c3b303725ce9b477e8
Evaluation of antimicrobial activity and minimum inhibitory concentration of ethanolic extract of three medicinal plants against bacteria causing skin infection	Shama M., Hridhya K.V., Kulandhaivel M.	Department of Microbiology	Journal of Pure and Applied Microbiology	2018	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048720730&doi=10.22207%2F2IPAM.12.1.44&partnerID=40&md5=bcb501efe1A09bd98994beb857d3890c
Optimization of physical and cultural conditions of fibrinolytic enzyme from bacillus altitudinis S-CSR 0020	Smitha K.V., Pradeep B.V.	Department of Microbiology	Journal of Pure and Applied Microbiology	2018	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048713848&doi=10.22207%2F2IPAM.12.1.40&partnerID=40&md5=6bd0d432130de5ae17d90b9a21d75fe6
Prevalence and risk factors of hepatitis C virus in irula tribal community, Tamilnadu, India	Ramya E., Daniel J.C., Ramalakshmi S., Usha R.	Department of Microbiology	Journal of Pure and Applied Microbiology	2018	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057005752&doi=10.22207%2F2IPAM.12.3.59&partnerID=40&md5=b9e2b88e3757161fb231f04deaf6a36
Illumination invariant motion detection and tracking using SMDWT and a dense disparity-variance method	Deepambika V.A., Abdul Rahman M.	Department of Electronics and Communication Engineering	Journal of Sensors	2018	168725X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062625501&doi=10.1155%2F2018%2F1354316&partnerID=40&md5=f1b346cc1287c9d432289cbcf5f0a7ba
Structural Confinement Assisted a Robust Superparamagnetic State in MgNi ₂ O ₃ and MgNi _{1.5} Co _{0.5} O ₃ Nanoparticles at Room Temperature	Kanagaraj M., Kokila I.P., Jenner R.S., Kumar P.S., Therese H.A., Kumaresavanji M., Sekar C.	Department of Physics	Journal of Superconductivity and Novel Magnetism	2018	15571939	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044361984&doi=10.1007%2Fs10948-018-4652-5&partnerID=40&md5=c14de710675478500543aa9796bd37f
PV module integrated dual boost isolated DC-DC converter fed three-phase micro-inverter	Geetha P., Ravi S.	Department of Electrical and Electronics Engineering	Journal of Testing and Evaluation	2018	903973	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

Photocatalytic degradation of vat red 13 by green synthesized copper oxide nanocatalyst	Hemalatha S., Makeswari M.	Department of Chemistry	Journal of the Balkan Tribological Association	2018	13104772	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051404790&partnerID=40&md5=01f4605ba7baba8ac7707d5269608a42
Improved C4.5: An agent-based supply chain management system	Balasubramanian C.P., Gunasundari R.	Department of Computer Application	Journal of Theoretical and Applied Information Technology	2018	19928645	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042353471&partnerID=40&md5=69b51508305e83aa6d5d30cf8386a1b
Comparative analysis of biomedical image compression using oscillation concept and existing methods	Magar S.S., Sridharan B.	Department of Electronics and Communication Engineering	Lecture Notes in Computational Vision and Biomechanics	2018	22129391	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042421732&doi=10.1007%2F978-3-319-717167
A scientometric analysis of environmental management research output during 1989 to 2014	Amsaveni N., Harikrishnan C.A.	Department of Library and Information Science	Library Philosophy and Practice	2018	15220222	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048593952&partnerID=40&md5=2d4628820d7d9daa6ada77d10ad387e
Experimental study and analysis of the wear properties of friction-stir-welded AA7075-T6 and A384.0-T6 dissimilar aluminium alloys of butt joints	Anganan K., Prabakaran S., Muthukrishnan M.	Department of Mechanical Engineering	Materiali in Tehnologije	2018	15802949	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044718784&doi=10.17222%2Fmit.2017.109&partnerID=40&md5=d2b7f39a19e2c299bf08ec0089a76bd7
Investigation of anticorrosion properties of nanocomposites of spray coated zinc oxide and titanium dioxide thin films on stainless steel (304L SS) in saline environment	Shajudheen M.V.P., Kumar S., Kumar S.V., Maheswari U.A., Sivakumar M., Rani A.K.	Department of Physics	Materials Research Express	2018	20531591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041567513&doi=10.1088%2F2053-1591%2Faad2bd&partnerID=40&md5=9e364ad3f7e85f582d30b6143af7c726
Characterization and anticorrosion studies of spray coated nickel oxide (NiO) thin films	Shajudheen V.M., Kumar V.S., Maheswari A.U., Sivakumar M., Kumar S.S., Rani K.A.	Department of Physics	Materials Today: Proceedings	2018	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045986881&doi=10.1016%2Fmatpr.2017.11.555&partnerID=40&md5=ef6e39acc257619f19cad691dea33971
Comparison of Anticorrosion Studies of Titanium Dioxide and Nickel Oxide Thin Films Fabricated by Spray Coating Technique	Shajudheen V.P.M., Rani K.A., Kumar V.S., Maheswari A.U., Sivakumar M., Kumar S.S.	Department of Physics	Materials Today: Proceedings	2018	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045981039&doi=10.1016%2Fmatpr.2017.12.322&partnerID=40&md5=b1674b938bf331130ef40a8
Prediction of optimum welding parameters for FSW of aluminium alloys AA6063 and A319 using RSM and ANN	Muthu Krishnan M., Maniraj J., Deepak R., Anganan K.	Department of Physics	Materials Today: Proceedings	2018	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041343826&doi=10.1016%2Fmatpr.2017.11.138&partnerID=40&md5=d05786cb054d3413441052d471c7e8c
On p-Cyclic Orbital M-K Contractions in a Partial Metric Space	Gunasekar, Tharmalingam; Karpagam, Saravanan; Zlatanov, Boyan	Karpagam Academy of Higher Education	MATHEMATICS	2018	22277390 13807501	https://www.scopus.com/record/display.uri?eid=2-s2.0-85050258901&origin=resultslist&sort=plf.f&ccs=8&st1=8&tz=&id=54fcd066c373b5755f5849452dd6d&ot=b&dt=b&sl=78&=TITLE-ABS-KEY+%28On+p-Cyclic+Orbital+M-K+Contractions+in+a+Partial+Metric+Space%29&relpos=0&citeCnt=0&searchTerm=
A novel LMS algorithm for ECG signal preprocessing and KNN classifier based abnormality detection	Venkatesan, C.; Karthigaikumar, P.; Varatharajan, R.	Karpagam Academy of Higher Education	MULTIMEDIA TOOLS AND APPLICATIONS	2018		https://www.scopus.com/record/display.uri?eid=2-s2.0-85044374725&origin=resultslist&sort=plf.f&ccs=8&st1=8&tz=&id=9e8be016665148d622e20b071f7e4acc&ot=b&dt=b&sl=113&=TITLE-ABS-KEY+%28A+novel+LMS+algorithm+for+ECG+signal+p-reprocessing+and+KNN+classifier+based+abnormality+detection%29&relpos=0&citeCnt=14&searchTerm=
An Efficient Noise Removal Technique Using Modified Error Normalized LMS Algorithm	Venkatesan, C.; Karthigaikumar, P.	Karpagam Academy of Higher Education	NATIONAL ACADEMY SCIENCE LETTERS-INDIA	2018		https://www.scopus.com/record/display.uri?eid=2-s2.0-85049931182&origin=resultslist&sort=plf.f&ccs=8&st1=8&tz=&id=b5c5d6694b878f56a83d2aff9f12b&ot=b&dt=b&sl=98&=TITLE-ABS-KEY+%28An+Efficient+Noise+Removal+Technique+Using+Modified+Error+Normalized+LMS+Algorithm%29&relpos=0&citeCnt=0&searchTerm=
A study on the seasonal variation of the essential oil composition from <i>Plectranthus hadiensis</i> and its antibacterial activity	Sripathi R., Jayagopal D., Ravi S.	Department of Chemistry	Natural Product Research	2018	14786419	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027026045&doi=10.1080%2F14786419.2017.1363748&partnerID=40&md5=917a352b8b5029ba0ba29b066b3f0919
Further results on dissipativity analysis for Markovian jump neural networks with randomly occurring uncertainties and leakage delays	Radhika T., Nagamani G., Zhu Q., Ramasamy S., Saravanakumar R.	Department of mathematics	Neural Computing and Applications	2018	9410643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016092653&doi=10.1007%2F900521-017-2942-7&partnerID=40&md5=d9e108324b826f38c812c33e38f51341
Light microscopy image de-noising using optimized LPA-ICI filter	Ashour A.S., Beagum S., Dey N., Ashour A.S., Pistolla D.S., Nguyen G.N., Le D.-N., Shi F.	Department of Electronics and Communication Engineering	Neural Computing and Applications	2018	9410643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995518959&doi=10.1007%2F900521-016-2678-9&partnerID=40&md5=a431b10180587ed1267fe2f78fb51be
Changes in the Synaptic Proteome in Tauopathy and Rescue of Tau-Induced Synapse Loss by C1q Antibodies	Dejanovic, Borislav; Huntley, Melanie A.; De Mazieres, Ann; Meilandt, William J.; Wu, Tiffany; Srinivasan, Karpagam; Jiang, Zhiyu; Gandham, Vineela; Friedman, Brad A.; Hai Ngu; Foreman, Oded; Carano, Richard A. D.; Chih, Ben; Klumperman, Judith; Bakalarski, Corey; Hanson, Jesse E.; Sheng, Morgan	Karpagam Academy of Higher Education	NEURON	2018	8966273	https://www.scopus.com/record/display.uri?eid=2-s2.0-85057592336&origin=resultslist&sort=plf.f&ccs=8&st1=8&tz=&id=5dfb925557badb109d5af262d5302180&ot=b&dt=b&sl=118&=TITLE-ABS-KEY+%28Changes+in+the+Synaptic+Proteome+in+Tauopathy+and+Rescue+of+Tau-Induced+Synapse+Loss+by+C1q+Antibodies%29&relpos=0&citeCnt=87&searchTerm=
Delay-dependent dissipativity criteria for Markovian jump neural networks with random delays and incomplete transition probabilities	Nagamani G., Joo Y.H., Radhika T.	Department of mathematics	Nonlinear Dynamics	2018	0924090X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042766382&doi=10.1007%2F11071-017-4028-6&partnerID=40&md5=eae39398d606197c9cb47eaaec21e2
Predictors for nurses and midwives' readiness towards self-directed learning: An integrated review	Chakkaravarthy, Karpagam; Ibrahim, Norzihan; Mahmud, Mardiah; Venkatasalu, Munikumar Ramasamy	Karpagam Academy of Higher Education	NURSE EDUCATION TODAY	2018	2606917	https://www.scopus.com/record/display.uri?eid=2-s2.0-85049741625&origin=resultslist&sort=plf.f&ccs=8&st1=8&tz=&id=4a730277729d05037917f00d06a3c08&ot=b&dt=b&sl=114&=TITLE-ABS-KEY+%28Predictors+for+nurses+and+midwives%27+readiness+towards+self-directed+learning%3a+An+integrated+review%29&relpos=0&citeCnt=1&searchTerm=
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An investigation of textile wastewater treatment using chlorella vulgaris	Subashini P.S., Rajiv P.	Department of Biotechnology	Oriental Journal of Chemistry	2018	0970020X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055776614&doi=10.13005%2Fojc%2F340538&partnerID=40&md5=425d172063d6effb7468225929a
Manganese(III) Acetate Mediated Synthesis of 3-arylsulfonylindoles and Evaluation of Their Antibacterial Activity	Ravi Kumar G.M.V.N.A.R., Arumugam T.	Department of Chemistry	Oriental Journal of Chemistry	2018	0970020X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043784085&doi=10.13005%2Fojc%2F340150&partnerID=40&md5=d0d0788beaa8627a1c5f80b53b964e85
ASSOCIATION OF SNCA IN LATE-ONSET PARKINSON'S DISEASE WITH 22Q11.2 DELETION	Vellingiri, B.; Venkatesan, D.; Bharathi, G.; Ramkumar, S.; Manickam, S.; Balasubramanian, V.	Karpagam Academy of Higher Education	PARKINSONISM & RELATED DISORDERS	2018	15284042	https://www.scopus.com/record/display.uri?eid=2-s2.0-85025437274&origin=resultslist&sort=plf.f&ccs=8&st1=8&tz=&id=d9fb599d4db99915df566622a593ade&ot=b&dt=b&sl=83&=TITLE-ABS-KEY+%28ASSOCIATION+OF+SNCA+IN+LATE-ONSET+PARKINSON%27S+DISEASE+WITH+DELETION%29&relpos=0&citeCnt=28&searchTerm=
MUTATIONAL ANALYSIS OF PARKIN GENE IN EARLY-ONSET OF PARKINSON'S DISEASE OF COIMBATORE POPULATION	Venkatesan, D.; Vellingiri, B.; Balasubramanian, V.; Ramkumar, S.; Manickam, S.; Bharathi, G.	Karpagam Academy of Higher Education	PARKINSONISM & RELATED DISORDERS	2018	NA	
Mining pest level based on weather using associate classification	Jimubala V., Lawrance R.	Department of Computer Science	Pestology	2018	9703012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054373133&partnerID=40&md5=96a94c6d4d71955d6c74cfbee32794

In vitro antioxidant potential of <i>Euclea crispa</i> (Thunb.) leaf extracts	Palanisamy C.P., Kanakasabapathy D., Ashafa A.O.T.	Department of Biochemistry	Pharmacognosy Research	2018	9748490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049584008&doi=10.4102%2fpr.pr.123-17&partnerID=40&md5=388dfb96b0586c909318907c5cca3
In vitro Evaluation of Antioxidant Potential of Isolated Compounds and Various Extracts of Peel of <i>Punica granatum</i> L.	Jacob J., Lakshmanapermalsamy P., Illuri R., Bhosle D., Sangli G., Mundinajeddu D.	Department of Biotechnology	Pharmacognosy Research	2018	9748490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047532410&doi=10.4103%2fpr.pr.36.17&partnerID=40&md5=1dc5e2f08315af6a0678e9698bdea
Impregnation of urinary catheters using antimicrobials from streptomycetes sp BK18 for biofilm prevention	Kingsley A.B., Usha R.	Department of Microbiology	Pharmacologyonline	2018	18278620	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047354288&partnerID=40&md5=d27bf2adb4032a174c3a853c0347c521
Biochemical and molecular studies on the resistance mechanisms in tea [<i>Camellia sinensis</i> (L.) O. Kuntze] against blister blight disease	Nisha S.N., Prabhu G., Mandal A.K.A.	Department of Biotechnology	Physiology and Molecular Biology of Plants	2018	9715894	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048684217&doi=10.1007%2f1298-018-0565-9&partnerID=40&md5=895a0e759b6817a23effb583f6ac657e
In silico and in vitro analysis of coumarin derivative induced anticancer effects by undergoing intrinsic pathway mediated	Perumalsamy, Haribalan; Sankarapandian, Karuppasamy; Veerappan, Karpagam;	Karpagam Academy of Higher Education	PHYTOMEDICINE	2018	9447113	https://www.scopus.com/record/display.uri?eid=2-s2.0-85049255545&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=15a710edfbae9c108c4e40d44b5742e&ot=b&dt=b&id=163&=TITLE-ABS-KEY+%28Investigation+of+Photophysical+Properties+on+Carbazole+and+Pyrazine+Based+Conjugated+Polymer%3a+Excellent+Fluorescence+Sensing+Towards+to+Cadmium+ion%29&repos=0&citeCnt=1&searchTerms
Lantana aculeata L.-mediated zinc oxide Nanoparticle-induced DNA damage in <i>Sesamum indicum</i> and their cytotoxic activity against	Sadasivam N., Periakaruppan R., Sivaraj R.	Department of Biotechnology	Phytotoxicity of Nanoparticles	2018		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053496599&doi=10.1007%2f978-3-319-76708-8
Study on biomedical waste disposal management in salem and introduction of plasma pyrolysis method	Viswanath E.D., Balasundaram N.	Department of Civil Engineering	Pollution Research	2018	2578050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052645184&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=15a710edfbae9c108c4e40d44b5742e&ot=b&dt=b&id=163&=TITLE-ABS-KEY+%28Investigation+of+Photophysical+Properties+on+Carbazole+and+Pyrazine+Based+Conjugated+Polymer%3a+Excellent+Fluorescence+Sensing+Towards+to+Cadmium+ion%29&repos=0&citeCnt=1&searchTerms
Investigation of Photophysical Properties on Carbazole and Pyrazine Based Conjugated Polymer: Excellent Fluorescence Sensing Towards to Cadmium Ion	Upadhyay, Anjali; Karpagam, S.	Karpagam Academy of Higher Education	POLYMER SCIENCE SERIES A	2018	0965545X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049078349&doi=10.1016%2fprocs.2018.05.124&partnerID=40&md5=9176df39841c65a8cc273a0da7c5f2
Semantic Predictive Model of Student Dynamic Profile Using Fuzzy Concept	Sheeba T., Krishnan R.	Department of Computer Science and Engineering	Procedia Computer Science	2018	18770509	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047063330&doi=10.1109%2fCIJCS.2017.8276095&partnerID=40&md5=5e7798e370a3e785996440f1a0a358f2
A new approach for information retrieval in semantic web mining involving weighted relationship	Saravana Kumar C.S., Mohanapriya M., Kalaisaran C.	Department of Computer Science and Engineering	Proceedings of 2017 International Conference on Innovations in Information, Embedded and Communication Systems, ICIECS 2017	2018		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041899995&doi=10.1109%2fHSS1.2017.8389435&partnerID=40&md5=8654239ce750ba9b46b9d7907210c
Adaptive feature selection method based on particle swarm optimization for gastric cancer prediction	Thara L., Gunasundari R.	Department of Computer Science	Proceedings of the 2nd International Conference on Communication and Electronics Systems, ICCES 2017	2018		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047154336&doi=10.1109%2fCIJCS.2017.8321309&partnerID=40&md5=ff229db02aebc571cd12460ffe1c413
Pattern matching in compressed genomic sequence data	Keerthy A.S., ManjuPriya S.	Department of Computer Science	Proceedings of the 2nd International Conference on Communication and Electronics Systems, ICCES 2017	2018		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041899995&doi=10.1109%2fHSS1.2017.8389435&partnerID=40&md5=8654239ce750ba9b46b9d7907210c
A feasibility study on eye movements using electrooculogram based HCI	Ramkumar S., Kumar K.S., Emayavaramban G.	Department of Computer Science	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017	2018		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051961558&doi=10.31788%2fJRIC.2018.114305&partnerID=40&md5=d84972d0fda8d93cb3f586df3c003
Adsorption isotherm and kinetic studies onto removal of reactive yellow-14 dye by using <i>Ixora coccinea</i> leaf powder	Revathi H., Kaviyarasu A., Murugan T., Dinesh Kumar M., Sharmila Devi R.	Department of Chemistry	Rasayan Journal of Chemistry	2018	9741496	-
DFT based analysis of N-(3-methyl-2, 6-diphenylpiperidin-4-ylidene)-N'-phenyl hydrazine (3-MDPVP) molecule	Dinesh Kumar M., Rajesh P., Ezhil Inban M., Kumaradhas P.	Department of Chemistry	Rasayan Journal of Chemistry	2018	9741496	-
Malachite green dye degradation using ZnCl ₂ activated Ricinus communis stem by sunlight irradiation	NirmalaDevi V., Makeswari M., Santhi T.	Department of Chemistry	Rasayan Journal of Chemistry	2018	9741496	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040694475&doi=10.7324%2fJC.2018.1111986&partnerID=40&md5=8654239ce750ba9b46b9d7907210c
Degradation of methyl red using ZnCl ₂ activated ricinus communis stem as an adsorbent	Nirmala Devi V., Makeswari M.	Department of Chemistry	Research Journal of Chemistry and Environment	2018	9720626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049095143&partnerID=40&md5=c660dc8abfb2f89e4eb1014f759e1a27
Degradation of methylene blue by Chitosan Alumina Composite using sunlight irradiation	Saraswathi P., Makeswari M., Santhi T.	Department of Chemistry	Research Journal of Chemistry and Environment	2018	9720626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057484078&partnerID=40&md5=e623a8e8727f6876079c91889ddab08
Photocatalytic degradation of methyl orange dye using chitosan alumina composite under sunlight irradiation	Saraswathi P., Makeswari M.	Department of Chemistry	Research Journal of Chemistry and Environment	2018	9720626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047668167&doi=10.1007%2f12633-017-9739-2&partnerID=40&md5=a7bf5f0dc2061f1b73e409615c5ac8d
Study on Tribological Behaviour of Al/SiC/MoSi ₂ Hybrid Metal Matrix Composites in High Temperature Environmental Condition	Daniel S.A.A., M S., P. M G., S S.	Department of Mechanical Engineering	Silicon	2018	1876990X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85061065021&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=34c3cb8dbd62920b5a0d82394e815e4b&ot=b&dt=b&id=167&=TITLE-ABS-KEY+%28An+approach+to+segment+the+hippocampus+from+T2-Weighted+MRI+of+human+head+scans+for+rhe+diagnosis+of+Alzheimer%27s+Disease+using+clustering+clustering%29&repos=0&citeCnt=0&searchTerms
An approach to segment the hippocampus from T2-Weighted MRI of human head scans for the diagnosis of Alzheimer's disease using fuzzy C-means clustering	Genish T., Prathapchandran K., Gayathri S.P.	Department of Computer Science	Trends in Mathematics	2018	22970215	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051121318&partnerID=40&md5=3e282e3677ed5b99e4aff781feca1b79
Secure domination in 4-regular planar and non-planar graphs with girth 3	Parimelazhagan R., Sulochana V., Vimal Kumar S.	Department of mathematics	Utilitas Mathematica	2018	3153681	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034979171&doi=10.1016%2f.wasman.2017.10.022&partnerID=40&md5=a88b79f5b831e37cf591525800ad372
Engineering properties of concrete with partial utilization of used foundry sand	Manoharan T., Lakshmanan D., Mylsamy K., Sivakumar P., Sircar A.	Department of Mechanical Engineering	Waste Management	2018	0956053X	https://www.scopus.com/record/display.uri?eid=2-s2.0-850532620871&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=678d42e13ebcb754fd14680abc8b249d8&ot=b&dt=b&id=124&=TITLE-ABS-KEY+%28Collaboration+of+Trusted+Node+and+QoS+Based+Energy+Multi+Path+Routing+Protocol+for+Ve
Collaboration of Trusted Node and QoS Based Energy Multi Path Routing Protocol for Vehicular Ad Hoc Networks	Baskar, S.; Dhulipala, V. R. Sarma	Karpagam Academy of Higher Education	WIRELESS PERSONAL COMMUNICATIONS	2018	9296212	https://www.scopus.com/record/display.uri?eid=2-s2.0-85038072470&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=be172196c3bafcf5ba27f3dc71b50b&ot=b&dt=b&id=179&=TITLE-ABS-KEY+%28Honest+eAuction+Based+Spectrum+Assignment+and+Exploiting+Spectrum+Sensing+Data+Falsification+Attack+Using+Stochastic+Game+Theory+in+W
Honest Auction Based Spectrum Assignment and Exploiting Spectrum Sensing Data Falsification Attack Using Stochastic Game Theory in Wireless Cognitive Radio Network	Subbulakshmi, P.; Prakash, M.; Ramalakshmi, V.	Karpagam Academy of Higher Education	WIRELESS PERSONAL COMMUNICATIONS	2018	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054586900&doi=10.1007%2f911277-018-5991-z&partnerID=40&md5=f2624975e3356ae1499541ba6a6d8ca0
Investigation on Maximizing Packet Delivery Rate in WSN Using Cluster Approach	Karthikeyan T., Brindha V., Manimegalai P.	Department of Electrical and Electronics Engineering	Wireless Personal Communications	2018	9296212	

Helicobacter pylori infection and associated stomach diseases: Comparative data mining approaches for diagnosis and prevention measures	Gunasundari R., Thara L.	Department of Computer Science	2016 IEEE International Conference on Advances in Computer Applications, ICACA 2016	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018256624&doi=10.1109%2FICACA.2016.7887914
Impulse noise removal using improved leading diagonal sorting algorithm	Rajkumar R., Saira Banu S.	Department of Electronics and Communication Engineering	2016 IEEE International Conference on Advances in Computer Applications, ICACA 2016	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018333200&doi=10.1109%2FICACA.2016.7887925&partnerID=40&md5=c9b4859c9b4516873a258ba2317b7
Alzheimer's disease, bio-markers, and the role of classification techniques in early diagnosis from neuro-images-An analysis	Samsad Beagum S., Amera Almas A., Sheeja S.	Department of Computer Application	2016 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2016	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019988688&doi=10.1109%2FICIC.2016.7919701&partnerID=40&md5=33f9e463de1d25009581090840d1cdd
SVM based defect detection for industrial applications	Chittilappilly A.J., Subramaniam K.	Department of Electronics and Communication Engineering	2017 4th International Conference on Advanced Computing and Communication Systems, ICACCS 2017	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002157538&doi=10.1109%2FICACCS.2017.8014696&partnerID=40&md5=fed2e2829db3bb2fbb2f4d873d4f8b80f
Computer-aided design of negative allosteric modulators of metabotropic glutamate receptor 5 (mGluR5): CoMFA studies on aryl ether derivatives	Chelliah, Selvam; Jordan, Brian; Thilagavathi, Ramasamy	Karpagam Academy of Higher Education	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	2017		https://mjl.clarivate.com/search-results?issn=0065-7727
Design and synthesis of curcumin analogues for cytotoxicity against head & neck cancer	Chelliah, Selvam; Jordan, Brian; Kumar, Bhavna; Thilagavathi, Ramasamy; Kumar, Pawan	Karpagam Academy of Higher Education	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	2017		https://mjl.clarivate.com/search-results?issn=0065-7727
Enhanced Extracellular Polysaccharide Production and Self-Sustainable Electricity Generation for PAMFCs by <i>Scenedesmus</i> sp. S81	Angelaalincy, Mariajoseph; Senthilkumar, Nangan; Karpagam, Rathinasamy; Kumar, Georgepeter Gnan; Ashokkumar, Balasubramaniam; Varalakshmi, Perumal	Karpagam Academy of Higher Education	ACS OMEGA	2017	24701343	https://www.scopus.com/record/display.uri?eid=2-s2.0-85028915338&origin=resultslist&sort=plf-f&scrs=s&st1=&st2=&sid=d8669a3a9a76a4eb8e460386f9a834e3&sort-b&sort-b&id=142&=TITLE-ABS-KEY+%28Enhanced+Extracellular+Polysaccharide+Production+and+Self-Sustainable+Electricity+Generation+for+PAMFCs+by+Scenedesmus+sp.+S81%29&repos=0&citeCnt=13&searchTerm=
Extended EXOR opportunistic routing algorithm based on broadcasting	Patel S.S., Bagwan A.B.	Department of Computer Science	Advances in Intelligent Systems and Computing	2017	21945357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984855434&doi=10.1007%2F978-981-10-1675-2_233&partnerID=40&md5=a7790a2a6371b4d739f5d946395ca7f
Fingerprint image segmentation using textural features	Joy R.C., Azath M.	Department of Computer Science	Advances in Intelligent Systems and Computing	2017	21945357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009517373&doi=10.1007%2F978-981-10-2107-7_18&partnerID=40&md5=c96f65f76e165f50002e3a7a40db3f7
Mechanism of Fenpropathrin Resistance in Red Spider Mite, <i>Oligonychus coffeae</i> (Acarina: Tetranychidae), Infesting Tea (<i>Camellia sinensis</i> L. [O. Kuntze])	Amsalingam R., Gajjaraman P., Sam N., Rahman V.J., Azariah B.	Department of Biotechnology	Applied Biochemistry and Biotechnology	2017	2732289	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986253536&doi=10.1007%2F978-981-10-2101-016-2230-5&partnerID=40&md5=a4a8ad22012cbe871c72cdcea407bc
Reliable energy based efficient protocol for improving fault tolerance in Mobile ad hoc networks	Sureshkumar N., Bhavani S.	Department of Electronics and Communication Engineering	Applied Mathematics and Information Sciences	2017	19350090	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8502975378&doi=10.18576%2Fams%2F110614&partnerID=40&md5=284c0380124cd22a2079a2790ca9a8eb
Studies on interface between In2O3 and CuInTe2 thin films	Ananthan, M. R.; Malar, P.; Osipowicz, Thomas; Kasiviswanathan, S.	Karpagam Academy of Higher Education	APPLIED SURFACE SCIENCE	2017	01694332	https://www.scopus.com/record/display.uri?eid=2-s2.0-85008192041&origin=resultslist&sort=plf-f&scrs=s&st1=&st2=&sid=1f8bcb9524d21ab5b5ef3c32011532db&sort-b&sort-b&id=738&=TITLE-ABS-KEY+%28Studies+on+interface+between+In2O3+and+CuInTe2+thin+films%29&repos=0&citeCnt=2&searchTerm=
Application of Multifactorial Experimental Design for Optimization of Streptokinase Production Using <i>Streptococcus equisimilis</i> SK-6	Bhardwaj S., Bhattacharya S., Das A., Palaniswamy M., Angayarkanni J.	Department of Microbiology	Arabian Journal for Science and Engineering	2017	2193567X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019759907&doi=10.1007%2F978-981-10-2475-5&partnerID=40&md5=ee5f0382d67f3b55c0d5664a0064b8f8
Cucumis sativus used as adsorbent for the removal of dyes from aqueous solution	Smitha T., Santhi T., Prasad A.L., Manonmani S.	Department of Chemistry	Arabian Journal of Chemistry	2017	18785352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964916113&doi=10.1016%2Fj.arabac.2017.07.030&partnerID=40&md5=955fb3a907b589a92696960a4940805
Spectroscopic (FT-IR, FT-Raman), first order hyperpolarizability, NBO analysis, HOMO and LUMO analysis of N-[(4-(trifluoromethyl)phenyl)pyrazine-2-carboxamide by density functional methods	Joseph T., Varghese H.T., Panicker C.Y., Viswanathan K., Dolezal M., Van Alsenoy C.	Department of Physics	Arabian Journal of Chemistry	2017	18785352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020807491&doi=10.1016%2Fj.arabac.2013.08.004&partnerID=40&md5=1eb8a02d7f23afda099654048353561
Advanced encryption standard algorithm based distributed data storage security mechanism (D2S2M) for private cloud	Anusha Priya A., Gunasundari R.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2017	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023204111&partnerID=40&md5=5f15b2be000c0664212a475a705bae21
Consistent and energy competent routing protocol for mobile Ad hoc networks	Udhayamoorthi M., Manimegalai P., Karthik S.	Department of Computer Science and Engineering	ARPN Journal of Engineering and Applied Sciences	2017	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019200731&partnerID=40&md5=af7c7006da9738
Design and development of fuzzy based reliable scheme for energy efficiency in MANET	Sureshkumar N., Bhavani S.	Department of Electronics and Communication Engineering	ARPN Journal of Engineering and Applied Sciences	2017	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85024432300&partnerID=40&md5=292d3c3eb3120a924c489a7000c0917
Eeg based diagnosis of Autism Spectrum Disorder using static and dynamic neural networks	Raja L., Priya M.M.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2017	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020533727&partnerID=40&md5=cbb4694554d06fcc77f6aedf778e54e
Model of genetic Fuzzy ARTMAP classifier (Gfam) for gastric cancer data classification	Lakshmiyathi T., Ranganathan G.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2017	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850397729128&partnerID=40&md5=87537acc21d834f9e48c770659b7405
SSMDGS: Scheduling based stable multicast data gathering scheme for WSN	Natraj N.A., Bhavani S.	Department of Computer Science and Engineering	ARPN Journal of Engineering and Applied Sciences	2017	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030531556&doi=10.22159%2Fajpcr.2017.v10i10.19892&partnerID=40&md5=fc2d23fb68500bb227b030cbcb8e966
A prospective clinical study on disease knowledge and medication adherence pattern among asthmatic patients in tertiary care hospital in a Tirupur population	Muthukumar A., Sundara Ganapathy R.	Department of Pharmacy	Asian Journal of Pharmaceutical and Clinical Research	2017	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036657534&doi=10.22159%2Fajpcr.2017.v10i12.14093&partnerID=40&md5=e5700d097b303459fcec215c529a413
Antioxidant potentials and simultaneous estimation of quercetin, rutin, and gallic acid in <i>Curcuma</i> species	Sowmya Priya M., Sangilimuthu A., Karpagavalli M., Ramkumar M., Josphin Nirmala A.	Department of Biotechnology	Asian Journal of Pharmaceutical and Clinical Research	2017	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035691538&doi=10.22159%2Fajpcr.2017.v10i10.20456&partnerID=40&md5=41afe5ee93dbad1c9f4d1ac0f48694c
Evaluation of in vitro cytotoxic effect of violacin produced by novel isolate <i>Chromobacterium vacuoli</i> CV5 against the cervical and lung cancer cell	Santhosh V.T., Palaniswamy M.	Department of Microbiology	Asian Journal of Pharmaceutical and Clinical Research	2017	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014795760&doi=10.22159%2Fajpcr.2017.v10i3.13488&partnerID=40&md5=fb45649e42bbac03fbee1f344394a73
Mutations in the rpoB gene of <i>Mycobacterium tuberculosis</i> identified by sequencing method	Suresh Babu R., Murali L., Palaniswamy M.	Department of Microbiology	Asian Journal of Pharmaceutical and Clinical Research	2017	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018761882&doi=10.22159%2Fajpcr.2017.v10i12.2107&partnerID=40&md5=bcacd7c463a3dc080abdf5414a8ca2
Nanoemulsions for prostate cancer therapy: An overview	Manikandan P., Sundara Ganapathy R.	Department of Pharmacy	Asian Journal of Pharmaceutical and Clinical Research	2017	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036638690&doi=10.22159%2Fajpcr.2017.v10i12.2107&partnerID=40&md5=08ae26498b64f1e8d9f8ae3d798623e
Physicochemical analysis of pretreated biomedical wastes	Sreeremya S., Rajiv P.	Department of Biotechnology	Asian Journal of Pharmaceutical and Clinical Research	2017	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026845693&doi=10.22159%2Fajpcr.2017.v10i8.18552&partnerID=40&md5=6dbe95ec3f261d6757a20d4489897db

Size dependent application of biologically synthesized silver nanoparticles against bacterial skin pathogens	Sunita P., Palaniswamy M.	Department of Microbiology	Asian Journal of Pharmaceutical and Clinical Research	2017	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030562564&doi=10.22159/2fajpr.2017.v10i10.19718&partnerID=40&md5=298068abe55dfbfa36233397ce9d3
Analysing mass flow rate and noise level of blowers through Ansys CFX solver	Arun kumar P., Senthil P., Naveen kumar K.	Department of Mechanical Engineering	Australian Journal of Mechanical Engineering	2017	14484846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988359086&doi=10.1080/21714484846.2016.1230311&partnerID=40&md5=0ba127f462a0be45b2900b9487a103
Synthesis and characterization of biogenic iron oxide nanoparticles using green chemistry approach and evaluating their biological activities	Rajiv P., Bavadarani B., Kumar M.N., Vanathi P.	Department of Biotechnology	Biocatalysis and Agricultural Biotechnology	2017	18788181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028732292&doi=10.1016/j.bcab.2017.08.015&https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046627942&doi=10.14748/2fbrmr.v28.4454&partnerID=40&md5=3f6219b28df68e4c8011a2643402a12
Do culinary mushrooms have fibrinolytic activities?	Ali S.M., Tan Y.-S., Raman J., Lakshmanan H., Ling T.-C., Phan C.-W., Sabaratnam V.	Department of Biochemistry	Biomedical Reviews	2017	1310392X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013925011&doi=10.1016/j.brioph.2017.01.177&partnerID=40&md5=f5c577b6f80d269f67e0c3ac23423f9
Protective effect of Azolla microphylla on biochemical, histopathological and molecular changes induced by isoproterenol in rats	Bhaskaran S.K., Kannappan P.	Department of Biochemistry	Biomedicine and Pharmacotherapy	2017	7533322	https://www.scopus.com/record/display.uri?eid=2-s2.0-85016581877&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=cb318e276ab32b3d583ae8f6d419f1&ot=b&dt=b&sl=171&s=TITLE-ABS-KEY+%28improved-biomass-and-lipid-production+in+Synchocystis+sp+NN+using+industrial+wastes+as+nano-catalyst+coupled+transesterification+for+biodiesel+production%29&relpos=0&citeCnt=8&searchTerms
Improved biomass and lipid production in Synchocystis sp NN using industrial wastes and nano-catalyst coupled transesterification for biodiesel production	Jawaharraj, Kalimuthu; Karpagam, Rathinasamy; Ashokkumar, Balasubramaniam; Kathiresan, Shanmugam; Moorthy, Innasi Muthu Ganesh; Arumugam, Muthu; Varalakshmi, Perumal	Karpagam Academy of Higher Education	BIORESOURCE TECHNOLOGY	2017	9608524	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034608879&doi=10.1186/212870-017-1169-1&partnerID=40&md5=7b12e2b762d79c3ad34dc538be6936
Genome-wide identification of conserved and novel microRNAs in one bud and two tender leaves of tea plant (Camellia sinensis) by small RNA sequencing, microarray-based hybridization and genome survey scaffold sequences	Jeyaraj A., Zhang X., Hou Y., Shanguan M., Gajjaraman P., Li Y., Wei C.	Department of Biotechnology	BMC Plant Biology	2017	14712229	https://www.scopus.com/record/display.uri?eid=2-s2.0-8496634956&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=b710c02b38df1c6f3048f67eeb0a6&ot=b&dt=b&sl=77&s=TITLE-ABS-KEY+%28dynamic+anomaly+detection+using+cross-layer+security+in+MANET%29&relpos=0&citeCnt=16&searchTerms
Trends in antibiotic resistance in bacterial keratitis isolates from South India	Lalitha, Prajna; Manoharan, Geetha; Karpagam, Rajaram; Prajna, Namperumalsamy V.; Srinivasan, Muthiah; Mascarenhas, Jeena; Das, Manoranjan; Porco, Travis C.; Lietman, Thomas M.; Cevallos, Vicky; Keenan, Jeremy D.	Karpagam Academy of Higher Education	BRITISH JOURNAL OF OPHTHALMOLOGY	2017	71161	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042490884&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=f2221947506d1d2bb806e99f1e64082&ot=b&dt=b&sl=139&s=TITLE-ABS-KEY+%28Common+SAR+Derived+from+Linear+and+Non-linear+Q+SAR+Studies+on+AChE+inhibitors+used+in+the+Treatment+of+Alzheimer%27s+Disease%29&relpos=0&citeCnt=3&searchTerms
Therapeutic potential of chemically modified siRNA: Recent trends	Selvam C., Mutiya D., Prakash S., Ranganna K., Thilagavathi R.	Department of Biotechnology, FOE	Chemical Biology and Drug Design	2017	17470277	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8503881482&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=f2221947506d1d2bb806e99f1e64082&ot=b&dt=b&sl=139&s=TITLE-ABS-KEY+%28Common+SAR+Derived+from+Linear+and+Non-linear+Q+SAR+Studies+on+AChE+inhibitors+used+in+the+Treatment+of+Alzheimer%27s+Disease%29&relpos=0&citeCnt=3&searchTerms
Dynamic anomaly detection using cross layer security in MANET	Usha, G.; Babu, M. Rajesh; Kumar, S. Saravana	Karpagam Academy of Higher Education	COMPUTERS & ELECTRICAL ENGINEERING	2017	14248220	https://www.scopus.com/record/display.uri?eid=2-s2.0-8503881482&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=f2221947506d1d2bb806e99f1e64082&ot=b&dt=b&sl=139&s=TITLE-ABS-KEY+%28Common+SAR+Derived+from+Linear+and+Non-linear+Q+SAR+Studies+on+AChE+inhibitors+used+in+the+Treatment+of+Alzheimer%27s+Disease%29&relpos=0&citeCnt=3&searchTerms
Common SAR derived from linear and non-linear QSAR studies on AChE inhibitors used in the treatment of Alzheimer's disease	Pulikkal B.P., Marunnan S.M., Bandaru S., Yadav M., Nayariseri A., Sureshkumar S.	Department of Biochemistry	Current Neuropharmacology	2017	1570159X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8503881482&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=f2221947506d1d2bb806e99f1e64082&ot=b&dt=b&sl=139&s=TITLE-ABS-KEY+%28Common+SAR+Derived+from+Linear+and+Non-linear+Q+SAR+Studies+on+AChE+inhibitors+used+in+the+Treatment+of+Alzheimer%27s+Disease%29&relpos=0&citeCnt=3&searchTerms
Common SAR Derived from Linear and Non-linear QSAR Studies on AChE Inhibitors used in the Treatment of Alzheimer's Disease	Pulikkal, Babitha Palikkara; Marunnan, Sahila Mohammed; Bandaru, Srinivas; Yadav, Mukesh; Nayariseri, Anuraj; Sureshkumar, Sivapillai	Karpagam Academy of Higher Education	CURRENT NEUROPHARMACOLOGY	2017	1570159X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8503881482&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=f2221947506d1d2bb806e99f1e64082&ot=b&dt=b&sl=139&s=TITLE-ABS-KEY+%28Common+SAR+Derived+from+Linear+and+Non-linear+Q+SAR+Studies+on+AChE+inhibitors+used+in+the+Treatment+of+Alzheimer%27s+Disease%29&relpos=0&citeCnt=3&searchTerms
Development of MLR and SVM aided QSAR models to identify common SAR of GABA uptake herbal inhibitors used in the treatment of schizophrenia	Marunnan S.M., Pulikkal B.P., Jabamalaraj A., Bandaru S., Yadav M., Nayariseri A., Doss V.A.	Department of Biochemistry	Current Neuropharmacology	2017	1570159X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006484004&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=f2221947506d1d2bb806e99f1e64082&ot=b&dt=b&sl=139&s=TITLE-ABS-KEY+%28Synthesis+and+photo+physical+properties+of+carbazole+based+quinoxaline+conjugated+polymer+for+fluorescent+detection+of+Ni2+%29&relpos=0&citeCnt=10&searchTerms
A fuzzy-rough set approach to determine weights in maintenance quality function deployment	Valavi D.G., Pramod V.R.	Department of Mechanical Engineering	Decision Science Letters	2017	19295804	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84980800998&doi=10.5267/j2f.2016.8.002&partnerID=40&md5=5dd42a71083076adce0c6dd784f475
Synthesis and photo physical properties of carbazole based quinoxaline conjugated polymer for fluorescent detection of Ni2+	Nipadhyay, Anjali; Karpagam, S.	Karpagam Academy of Higher Education	DYES AND PIGMENTS	2017	1437208	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8500831998&doi=10.1016/j.eimech.2016.12.025&partnerID=40&md5=0b2412dec341acd8088a7f529823e5
Experimental investigation on the behavior of a direct injection diesel engine fueled with Karanja methyl ester-biogas dual fuel at different injection timings	Barik D., Murugan S., Sivaram N.M., Baburaj E., Shanmuga Sundaram P.	Department of Mechanical Engineering	Energy	2017	3605442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029468798&doi=10.1007/s2611356-017-9720-2&partnerID=40&md5=92b46ab34e2df7847698e13a67ab767
Preparation of Ficus benghalensis bark activated carbon and its use as an adsorbent for the removal of endocrine disruptor Bisphenol-A	Kamaraj M., Satheesh K., Rajeshwari S.	Department of Biotechnology	Environmental Science and Engineering (Subseries: Environmental Science)	2017	18635520	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018284012&doi=10.1016/j.eimech.2017.04.063&partnerID=40&md5=3d26ebdb115534ad0da778063e811598
Isolation of limonoid compound (Hamisonine) from endophytic fungi Penicillium oxalicum LA-1 (KX622790) of Limonia acidissima L. for its larvicidal efficacy against LF vector, Culex quinquefasciatus (Diptera: Culicidae)	Seetharaman P., Gnanasekar S., Chandrasekaran R., Chandrakasan G., Syed A., Hodhod M.S., Ameen F., Sivaperumal S.	Department of Biotechnology	Environmental Science and Pollution Research	2017	9441344	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012706908&doi=10.1016/j.eimech.2017.01.023&partnerID=40&md5=4d0d34d2eb1f1f64aba01a2667c753b6
Cinnamoylated chloroquine analogues: A new structural class of antimalarial agents	Gayam V., Ravi S.	Department of Chemistry	European Journal of Medicinal Chemistry	2017	2235234	
Pterocarpan scaffold: A natural lead molecule with diverse pharmacological properties	Selvam C., Jordan B.C., Prakash S., Mutiya D., Thilagavathi R.	Department of Biotechnology, FOE	European Journal of Medicinal Chemistry	2017	2235234	

Association of Vitamin-D receptor polymorphisms with degenerative disc disease in Indian population	Doraiswamy, Ravichandran; Ramaswami, Karthikeyan; Subramanian, Rashmi; Srinivasan, Dinesh Kumar; Sivasankaran, Balasubramanian	Karpagam Academy of Higher Education	FASEB JOURNAL	2017		-
Combined effect of compression ratio and diethyl ether (DEE) port injection on performance and emission characteristics of a DI diesel engine fueled with upgraded biogas (UBG)-biodiesel dual fuel	Barik D., Murugan S., Samal S., Sivaram N.M.	Department of Mechanical Engineering	Fuel	2017	162361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026783220&doi=10.1016/j.fuel.2017.08.015&partnerID=40&md5=97ea9107085e41e7b8a3da691e9496b
A LS-compression scheme for grayscale images using pixel based technique	Narmatha C., Manimegalai P., Manimurugan S.	Department of Electronics and Communication Engineering	IEEE International Conference on Innovations in Green Energy and Healthcare Technologies - 2017, IGEHT 2017	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041200588&doi=10.1109%2FIGEHT.2017.8093980&partnerID=40&md5=be04e0ee1577e2c5c9191129c69255
A new flavonoid diglycoside from Biophytum reinwardtii (Zucc.) Klotzsch. And evaluation of its antioxidant and anticancer activities	Varadarajan S.G., Krishnan V.K., Subban R.	Department of Chemistry	Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry	2017	3764699	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079413121&partnerID=40&md5=e12deb8b3ff18a629ba64f278f551b4e
Isolation of phytoconstituents from the flowers of Couroupita guianensis	Prabhu V., Ravi S.	Department of Chemistry	Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry	2017	3764699	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079427750&partnerID=40&md5=82ea232f3459a6a1168e84fa1e715cc
A new flavonoid diglycoside from Biophytum reinwardtii (Zucc.) Klotzsch and evaluation of its antioxidant and anticancer activities	Varadarajan, Srinivasan Govindarajapuram; Krishnan, Vijayan Kochukarattu; Subban, Ravi	Karpagam Academy of Higher Education	INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY	2017		https://mjdl.clarivate.com/search-results?ssn=0379-4699
Biodegradation of Azo compounds from tannery and textile effluents by chlorella vulgaris	Subashini P.S., Rajiv P.	Department of Biotechnology	Indian Journal of Environmental Protection	2017	2537141	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85024861781&partnerID=40&md5=7e56ff458692a91c2238ba9ec01fe854
Closed loop performance investigation of various controllers based chopper fed DC drive in marine applications	Selaperumal, S.; Pugazhenth, P. Nedumal; Amudha, A.	Karpagam Academy of Higher Education	INDIAN JOURNAL OF GEO-MARINE SCIENCES	2017		https://mjdl.clarivate.com/search-results?ssn=0379-5136
Wear characteristics of AlCN coating on AISI 410 steel by the ball-cratering test method	Prabakaran V., Ilaiyavel S., SureshPrabhu P., Thambu S.S.	Department of Mechanical Engineering	Industrial Lubrication and Tribology	2017	368792	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504654800&doi=10.1108/trib-05-2016-0092
High Performance Multi-Operand Adder for Medical Images	Nallathambi, Bharathiraja; Karthigaikumar, P.; Paul, Anand	Karpagam Academy of Higher Education	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2017	10798587	https://www.scopus.com/record/display.uri?eid=2-s2.0-84990221964&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=fbef838e22f79c487ea2999f52af1d7&scot=b&sd=b&sl=71&=TITLE-ABS-KEY+%28High+Performance+Multi-Operand+Adder+for+Medical+Images%29&relpos=0&citeCnt=3&searchTerm=
MRI Brain Image Segmentation Using Enhanced Adaptive Fuzzy K-Means Algorithm	Ganesh, M.; Nareesh, M.; Arvind, C.	Karpagam Academy of Higher Education	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2017		https://www.scopus.com/record/display.uri?eid=2-s2.0-85019401640&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=fbef838e22f79c487ea2999f52af1d7&scot=b&sd=b&sl=71&=TITLE-ABS-KEY+%28MRI+Brain+Image+Segmentation+Using+Enhanced+Adaptive+Fuzzy+K-Means+Algorithm%29&relpos=28&citeCnt=19&searchTerm=
Innovative approach to biomedical image compression using oscillation concept	Magar S.S., Sridharan B.	Department of Electronics and Communication Engineering	International Conference on Automatic Control and Dynamic Optimization Techniques, ICACDOT 2016	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017287364&doi=10.1109%2FICACDOT.2016.7877564&partnerID=40&md5=48894eac9456d847a1e87dfe48397001
Mobile crimes in India: A survey	Jose T., Vijayalakshmi Y., Babu S.S., Manimegalai P.	Department of Electronics and Communication Engineering	International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 - Proceedings	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025124457&doi=10.1109%2FSCOPES.2016.7955584&partnerID=40&md5=e2dd6c6c48d43d55b586aa1005a85da8
Experimental investigation on the emission characteristics of a variable compression ratio multi-fuel engine using palm biodiesel	Shannughasundaram P.	Department of Automobile Engineering	International Journal of Ambient Energy	2017	1430750	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961209475&doi=10.1080%2F01430750.2016.11555
Service quality in rural banking in North Kerala: A comparative study of kanur district co-operative bank and Kerala Gramin bank	Lakshmi L., Manoj P.K.	Department of Commerce	International Journal of Applied Business and Economic Research	2017	9727302	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031104501&partnerID=40&md5=e07c7062d0d7c9556f99ace4c61288d8
An adaptively optimized approach on random test case generation using intuitionistic genetic algorithm	Manivasagam G., Gunasundari R.	Department of Computer Science	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040247432&partnerID=40&md5=3862b575b4b4de4d0bc3a50a2718c1f
An empirical analysis of algorithms to predict next web page using web log data	Chembath J., Thomson Fredrik E.J.	Department of Computer Science	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060821618&partnerID=40&md5=8f02ab3f06edbf123c8cb76bb0e5c739
Bayes certificateless signcrypton based secured data integrity for cloud service provisioning	Densy John V., Agnise KalaRani X.	Department of Computer Science	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057640906&partnerID=40&md5=3ede118fc75ca0d723b84cc77684569
Characterization of a single injector GH2-LO2 for a 20 bar cryogenic chamber test facility	Chandran S.S.R., Sivaram N.M., Ansalam Raj T.G., Reby Roy K.E.	Department of Mechanical Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057640971&partnerID=40&md5=bd1e6f55bde0c2a9640c9f7ee6f93
Defect classification using naïve bayes classification	Veni S., Srinivasan A.	Department of Computer Science	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/record/display.uri?eid=2-s2.0-85040251251&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=15d5cd8916ad98a16da37747650360d8cot+b&dt=b&sl=123&=TITLE-ABS-KEY+%28Efficient+analysis+of+defects+using+naïve+Bayes+classification+and+impact+on+effort+and+cost+of+the+project%29&relpos=0&citeCnt=1&searchTerm=
Denosing and classification of EEG signals using adaptive line enhancer in VLSI	Suresh Kumar R., Manimegalai P.	Department of Electronics and Communication Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057636894&partnerID=40&md5=7b09cccd859aac805d59339792ca969
Effect of machining parameters on MRR and surface roughness in internal grinding using EN8, EN31 steel	Jeevanantham S., Robinson Smart D.S., Sivaram N.M., Nallusamy S., Manikanda Prabu N.	Department of Mechanical Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020862508&partnerID=40&md5=01ab7e4a2032186b2979cb9c547868f55
Efficiency of PAC in water treatment plant & disposal of its sludge	Kumar N., Balasundaram N.	Department of Civil Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023782743&partnerID=40&md5=ab4de01f3335f1d2071ee6f2316678c38
Efficient analysis of defects using naïve bayes classification and impact on effort and cost of the project	Veni S., Srinivasan A.	Department of Computer Science	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/record/display.uri?eid=2-s2.0-85040251251&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=15d5cd8916ad98a16da37747650360d8cot+b&dt=b&sl=123&=TITLE-ABS-KEY+%28Efficient+analysis+of+defects+using+naïve+Bayes+classification+and+impact+on+effort+and+cost+of+the+project%29&relpos=0&citeCnt=1&searchTerm=
Ensemble secure communication protocol (ESCP) for data storage and retrieval in private cloud	Anusha Priya A., Gunasundari R.	Department of Computer Science	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040243934&partnerID=40&md5=b2a24e7c2681ec1cd9d30947ccabbe
Evaluation of heat treatment effect on fracture behavior of aluminum silicon carbide graphite hybrid composite	Hegde R., Sivaram N.M., Ajaykumar B.S., Kirthan L.J.	Department of Mechanical Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018562797&partnerID=40&md5=068b997514a0ec9652547baa86b493a
Image compression and encryption using optimized wavelet filter bank and chaotic algorithm	Ravi R.V., Subramaniam K.	Department of Electronics and Communication Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040238739&partnerID=40&md5=46aacd87f016fd9b1940732e74a847
Lempel-ziv-welch compression of DNA sequence data with indexed multiple dictionaries	Keerthy A.S., Manju Priya S.	Department of Computer Science	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047117053&doi=10.1259%2F0973-4562&partnerID=40&md5=65749ef62575fe834c7e169993a8105

Optimization of internal grinding process parameters on C40E steel using Taguchi technique	Jeevanantham S., Sivaram N.M., Smart D.S.R., Nallusamy S.	Department of Mechanical Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020232091&partnerID=40&md5=6c044ee7c7a4e497af6c25084da83a
Optimized wavelet filters and modified Huffman encoding-based compression and chaotic encryption for image data	Ravi R.V., Subramaniam K.	Department of Electronics and Communication Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020232091&partnerID=40&md5=6c044ee7c7a4e497af6c25084da83a
Performance enhancement in job shop scheduling with the aid of hybrid social spider optimization and gray wolf optimization	Gavali K.B., Bewoor A., Barik D., Prabakaran S.	Department of Mechanical Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record/display.uri?eid=2-s2.0-85020232091&partnerID=40&md5=6c044ee7c7a4e497af6c25084da83a
Rehabilitation of distressed concrete beams using external prestressing – experimental study	Muthukumar R., Balasundaram N.	Department of Civil Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record/display.uri?eid=2-s2.0-85020232091&partnerID=40&md5=6c044ee7c7a4e497af6c25084da83a
RERMRS: Residual energy based reliable multipath routing scheme for increasing network lifetime in MANET	Sureshkumar N., Bhavani S.	Department of Electronics and Communication Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020037814&partnerID=40&md5=072288944a455c7f45d451dba3c5cec
ROAR: New resource aware opportunistic routing protocol for reliable communication	Patel S.S., Mohanpriya M.	Department of Computer Science and Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020030428&partnerID=40&md5=342ae03b1779fc4f54a186abab544
Secure symmetric encryption scheme using genetic algorithm	Cimi Thomas M., Sheeja S.	Department of Computer Science	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040218900&partnerID=40&md5=0dc50438ee67e13dc51cc1008cfd7ea
Security enhancement for the wireless sensor networks	Anand Kumar M., Jagadheeswari M.	Department of Computer Science	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040119633&partnerID=40&md5=39d4d91e9eaf42af1b225fab057ffhd14
Simplified HDFS architecture with blockchain distribution of metadata	Kumar D.S., Abdul Rahman M.	Department of Computer Science and Engineering	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040252388&partnerID=40&md5=146ce2ce5fe51ac070fc38292b42a1
Two sided complete bayesian chain sampling plan with beta binomial as prior distribution	Milky Mathew C., Murugesan R.	Department of mathematics	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057640981&partnerID=40&md5=27f693f332ce406c9f2878c81a86cf5
User interesting navigation pattern discovery using fuzzy correlation based rule mining	Uma Maheswari D., Gunasundari R.	Department of Computer Science	International Journal of Applied Engineering Research	2017	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055090672&partnerID=40&md5=161c8ba6a88c47a331d65c838645f
Chitosan nanofilm and electrospun nanofiber for quick drug release in the treatment of Alzheimer's disease: In vitro and in vivo evaluation	AnjiReddy, Keshireddy; Karpagam, Subramanian	Karpagam Academy of Higher Education	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2017	1418130	https://www.scopus.com/inward/record/display.uri?eid=2-s2.0-85052543932&partnerID=40&md5=33f00b51347a898501d3f0212d84&scot=b&sd=b&sl=155&=TITLE-ABS-KEY+%28Chitosan+nanofilm+and+electrospun+nanofiber+for+quick+drug+release+in+the+treatment+of+Alzheimer%27s+disease%3a+in+vitro+and+in+vivo+evaluation%29&relpos=0&citeCnt=8&searchTerm=
A study on factors influencing landslides in nilgiris, Tamilnadu, India	Kumar N., Balasundaram N., Meenambal T.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028309152&partnerID=40&md5=7afd0a19a76cd7fc28202d391adfed68
An experimental study on flexural behaviour of damaged reinforced HPC beams strengthened with CFRP wrapping	Sasipriya R., Ezhilarasi E., Thangadurai A., Magudeaswaran P.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016740926&partnerID=40&md5=37a9814fec110941df689796c889654
Comparative study on biogas production from cow dung, food waste and organic wastes	Venugopalan V., Balasundaram N., Hemalatha S.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019409715&partnerID=40&md5=0f8eeb8a07c87abbd47644c2701c3a2d
Comparative study on durability characteristics of high strength self compacting concrete	Preethiwini B., Bharaniraja S., Aravindhan M., Pradeep B.B., Jothiprasath R.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016813243&partnerID=40&md5=c7fe87b3d3e95474373c5d168eb0946
Consumers brand preference and purchase intention towards gold jewellery with special reference to school teachers in kottayam district	Ajai Krishnan G., Nandhini M.	Department of Management	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040641772&partnerID=40&md5=0551c6ad7e9b5361cbe3d19a3bd3d09
Development of sustainable urban transport strategies for Salem city	Asokan A., Balasundaram N.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013758697&partnerID=40&md5=758ca7a815c52825c999826e8e00c47
Discomfort due to work environment and safety factors among workers in foundry industry	Shanmuganathan A., Sivaram N.M., Shanmugasundaram P.	Department of Mechanical Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028326781&partnerID=40&md5=966a323fe7e953025edd1be5d51d712
Dissection on the compressive strength of concrete by replacing sand with laterite soil and M-sand	Sajeev A., Raj J.A., Ananth G.T., Bharathi S.M.L.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016755724&partnerID=40&md5=0a2cc41e09f652e9a11253b290798d53
ECO friendly light weight geo polymer concrete for sustainable development	Chandran K.P., Natarajan M., Meiaraj C.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028314683&partnerID=40&md5=4b83fa71f1f08738049672b1dae39cc
Evolving cross-corrugated cold form sheet based composite slab panel for efficient pbc construction	Balaji A., Natarajan M., Praveen A.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016713142&partnerID=40&md5=76c05104ba672c1e5189fc231fb2120
Experimental and numerical evaluation of cross corrugated cold form sheet based pre-fabricated panel	Balaji A., Natarajan M., Praveen A.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018626057&partnerID=40&md5=9f6287162238957283001aacc73aa
Experimental investigation on flexural behavior of hybrid fiber reinforced concrete beam	Tamilselvan K., Balasundaram N.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016798720&partnerID=40&md5=5be4022049691b0bec73a2ea54dc521f
Experimental investigation on water hyacinth ash as the partial replacement of cement in concrete	Muruges V., Balasundaram N.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030238887&partnerID=40&md5=fed913775d9f5e3735123062ada0850b
Experimental studies on strength and SCC characteristics of basalt fiber reinforced concrete	Paulraj S., Balasundaram N., Sates Kumar K., Dharshna Devi M.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013810357&partnerID=40&md5=90d3e8771ec4dc63f163dc8d5c2f10c
Experimental study on behaviour of paver block using crushed rubber powder	Kirubagharan P., Gowtham R., Duraisingh A., Nair A.B., Bharathi S.M.L.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016752950&partnerID=40&md5=c1d01d962936cabe623a25ab872ed
Experimental study on properties of concrete by partial replacement of cement with silica powder and fine aggregate with SAW dust ASH	Dixon J.P., Karthikeyan S., Manikandan G., Velmurugan S.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016752046&partnerID=40&md5=ebbd6edc033a04a46ac67fb2e8dbeddb
Experimental study on self compacting concrete contains partially manufactured sand and recycled clay roof tile	Jagadeesh M., Bhuvaneswari R., Preethiwini B., Magudeaswaran P.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016817328&partnerID=40&md5=377da09eed4a161c00385c2ac304745
Impact analysis of leachate characteristics at municipal solid waste landfill site in vellalore town panchayat, Coimbatore city, Tamilnadu, India	Rajasingh J.J., Sundararajan R., Ashiga T.S., Jenisha G.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036550116&partnerID=40&md5=b745b17469659047a1e339561793b
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Microstructural study on high performance concrete made with M sand	Bhuvaneswari R., Jagadeesh M., Ezhilarasi E., Thangadurai A., Magudeaswaran P.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016831686&partnerID=40&md5=78126d706e7bc19cc04e4165a18fb5

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Research study on applications of artificial neural networks and e-learning personalization	Veera Manickam M.R.M., Mohanapriya M., Kale S.A., Uday M., Kulkarni P., Khandagale Y., Patil S.P.	Department of Computer Science	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028720503&partnerID=40&md5=35814e7b1eff2731d3717cfd2591594
Risk minimising strategies to have successful investment in real estate business	Vasudevan S., Balasudaram N., Ramanigopal C., Nandhakumar B.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032588951&partnerID=40&md5=5a7d500867610c95806869521a546e
Study on effects of curing techniques on durability properties of self-compacting concrete with metakaolin	Dayanidhy S., Balasundaram N.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2017	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028299859&partnerID=40&md5=6b210037eaac418836056a8b7ba27bce
Competency-based compensation system: As a strategic HR technique with special reference to Coimbatore	Praveen S., Karuppasamy R.	Department of Management	International Journal of Economic Policy in Emerging Economies	2017	17520452	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019079834&doi=10.1504%2FIIJEEP.2017.083899&partnerID=40&md5=86ecf0527cfd960bd95a100e6757680e
Rural customers and ICT-based bank products: A study with a focus on kannur district co-operative bank and kerala gramin bank	Lakshmi, Manoj P.K.	Department of Management	International Journal of Economic Research	2017	9729380	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038624932&partnerID=40&md5=6dd531ab60d67577acfa8e5973e110
Multilevel security framework based resource sharing using bilinear mapping in cloud environment	Ramachandran B., Subramaniam K.	Department of Computer Science and Engineering	International Journal of Intelligent Engineering and Systems	2017	2185310X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019256185&doi=10.22266%2Fijies.2017.0630.398&partnerID=40&md5=58ccc5c0573ca79b4c3075abfac3a4
An economical modified VLSI architecture for computing power spectral density supported welch method	Kalvikkarasi S., Banu S.S.	Department of Electronics and Communication Engineering	International Journal of Knowledge-Based and Intelligent Engineering Systems	2017	13272314	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012982837&doi=10.3233%2FIES.160347&partnerID=40&md5=a88ecd7b3461fe962c4c715df64ae13
Parametric optimisation for surface roughness of AISI 4340 steel during turning under near dry machining condition	Selvam M.D., Senthil P., Sivaram N.M.	Department of Mechanical Engineering	International Journal of Machining and Machinability of Materials	2017	17485711	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504228171&doi=10.1504%2FIJMM.2017.088896&partnerID=40&md5=e918abf5436508351a17db1012db19
A study on the factors which leading customers to purchase gold jewellery with special reference to working women	Ajai Krishnan G., Nandhini M.	Department of Management	International Journal of Mechanical Engineering and Technology	2017	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040672546&partnerID=40&md5=32dabbfb0b0ef519513fcafc7bae413
A study on the musculoskeletal discomfort in foundry workers	Shanmuganathan A., Sivaram N.M., Shanmughasundaram P.	Department of Management	International Journal of Mechanical Engineering and Technology	2017	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026263239&partnerID=40&md5=d16d4f197b701ea0efe7b7b8edd8fba
Crude oil and gold market: Evidence for co integration, relationship and co movement	Arpana D., Nandhini M.	Department of Management	International Journal of Mechanical Engineering and Technology	2017	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040668298&partnerID=40&md5=19f376ef406c1f70b07c8b9d9b87500
Influence of shot peening on fatigue behavior of aluminium silicon carbide graphite hybrid composite	Hegde R., Sivaram N.M., Ajaykumar B.S., Kirthan L.J.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2017	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8502626752&partnerID=40&md5=6d04dba06ec0ee9124d3765caec3ac
Job shop scheduling with the aid of hybrid social spider optimization and gray Wolf optimization with industrial scheduling case study	Gavali K.B., Bewoor A., Barik D.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2017	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036549126&partnerID=40&md5=92a2ea67cb69156c768c45190c2d54
Numerical investigation of impact on adiabatic flame temperature, composition dependence of the specific heat and NOX emissions in a GH2 - Air combustor with turbulent flame	Chandran S.S.R., Sivaram N.M., Raj T.G.A., Roy K.E.R.	Department of Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2017	9766340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036550772&partnerID=40&md5=4a67f9332e67d7ba5d4104da91954eab
Transient and steady state analysis of modified three phase multilevel inverter for photovoltaic system	Venkatesan M., Rajeswari R., Kaliyamoorthy M., Srihar M.	Department of Electrical and Electronics Engineering	International Journal of Power Electronics and Drive Systems	2017	20888694	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8501644584&doi=10.11591%2Fijpeds.v8.i1.p031-338&partnerID=40&md5=c11a7e889ba4244d4c959ba0e6db127
Emission analysis of an engine operating on corn oil methyl ester blends with air pre-heater	Gopinath V., Shanmughasundaram P., Suresh P.	Department of Pharmacy	International Journal of Renewable Energy Research	2017	13090127	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044372806&partnerID=40&md5=4dd933a12300774b00208d1aa93c3ff
A comprehensive review on the genus: Mussaenda	Astalakshmi N., Sundara Ganapathy R.	Department of Pharmacy	International Journal of Research in Pharmaceutical Sciences	2017	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040744945&partnerID=40&md5=be401759049df8568e7c5e7dde144e7
Acetylcholine esterase inhibition activity of gloriosa superba and molecular docking study of its constituents against bacterial proteins	Kiran Babu S., Surendran S., Nivetha J., Mythili R., Sripathi R., Dharani J., Ravi S.	Department of Chemistry	International Journal of Research in Pharmaceutical Sciences	2017	9757538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040998248&partnerID=40&md5=a72bd1088baef02f183b7dd27f8eb28
QOS enabled data dissemination in hierarchical VANET using machine learning approach	Kumar K.G.K., Fredrik E.J.T.	Department of Computer Science	International Journal of Signal and Imaging Systems Engineering	2017	17480698	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032986562&doi=10.1504%2Fijise.2017.087765&partnerID=40&md5=2da636e517021385e26f0c88c68cd7c
Machine Learning Based Classifier for Falsehood Detection	Malikarjun H.M., Manimegalai P., Suresh H.N.	Department of Electronics and Communication Engineering	IOP Conference Series: Materials Science and Engineering	2017	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030319529&doi=10.1088%2F1757-899X%2F2025%2F12%2F012758&partnerID=40&md5=91aa50c5817c19ac56d9ea8441f0dd5
A real-time stress detection and classification using relevance vector machine	Ranjith C., Mohanapriya M.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504633938&partnerID=40&md5=e9207b3314f48a12cfbdc8598d447a8a
A state of approaches on minimization of Boolean functions	Valli M., Periyasamy R., Amudhavel J.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029538406&partnerID=40&md5=9ee121b3394aacc9237990e8bfc5e375f
A study on customers satisfaction towards public distribution system	Velmurugan R., Lavanya D.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046157380&partnerID=40&md5=992308e0bbca09646b76c89874091434
A study on customers satisfaction: With special reference to mobile network users in Coimbatore City	Vijay P., Krishnaveni V.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504636664&partnerID=40&md5=e43e29a4e56f0975a24110a167a9409a
A study on effect of human resource practices on the performance of textile processing units in Tamil Nadu	Loganathan C., Dharmaraj A.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044037302&partnerID=40&md5=9bc41dd143174cb9a738c0a9d128c4
A study on efficiency of selected banks in India using CAMEL model	Babu M.R., Ashok Kumar M.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047548456&partnerID=40&md5=d0be4375d8873453c98562669b17fbc5
A study on financial performance of various nationalised banks in india-correlation and regression analysis	Muralidhara P., Lingam C.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075449507&partnerID=40&md5=c0fadddeaf1b7ba2dfdc6eb6ab5ebc
A study on problems faced and coping strategies adopted by the married women school teachers while making decisions in their family life with reference to theni district	Ezhilarasi T., Nandhini M.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061864091&partnerID=40&md5=c93cedba12cf6641be535fdcaac51f48
A study on the effect of organization culture on quality of work life in software companies in Coimbatore	Bhubaneswari N.T.S., Kumar M.A.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046439172&partnerID=40&md5=c9c499f6057cc19f9fab8ca6731917697
A study on the problems faced by the tribal tea labourers in the Nilgiris District, Tamilnadu, India	Raja J.A., Krishnaveni V.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067952853&partnerID=40&md5=e114d553a45b5e41808249d48b9f4aba
An efficient kernel extreme learning machine scheme for detection and reduction of stress using various mantras through eeg signal analysis	Jawharali B.S., Mohanapriya M.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063625653&partnerID=40&md5=c0509edfb8f09d8d81c380cc0b9e7dc1

An efficient method for inductive power link transmission in biomedical implants	Baby L, Banu S.S.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032959944&partnerID=40&md5=22c8d41281421990768d76be79cb09
An empirical study on the association between service quality and customer satisfaction in the multi specialty hospitals, Tamilnadu	Jeshurun S.B., Karthikeyan R.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046359593&partnerID=40&md5=a6b99ab7b47c024e6b43a3b5ca889f5
An energy efficient self arranged hierarchical based energy balance routing protocol (EESHEB) in wireless sensor networks	Asha G., Mohanapriya M.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046347224&partnerID=40&md5=1cae6427f3860341271a2be7500c07a7
Analysis of integrated HVAC-HVDC power transmission and stability during power tap	Chandra Bose K.N., Poorani S.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046352622&partnerID=40&md5=0986d49e7e323148345694bf58094c20
Analyzing failure data using weibull parametric estimation	Desepak Prabhakar P., Dharmaraj A.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042123375&partnerID=40&md5=b52ecb86df1d439f1790bca37c37d7
Cloud analytics of IOT data for environmental monitoring	Lekha N.M., Jerome Christhudas A.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046375216&partnerID=40&md5=8dffe0e27af15ae58f275f0088ec18b3
Conceptual model on the impact of generation Y employees on information technology organizations	Kumar K., Velmurugan R.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046375567&partnerID=40&md5=28305b3d1be2232d5382396e4bd1a1d9
Customer's satisfaction on primary agricultural credit co-operative societies	Velmurugan R., Gopinathan V.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85046144500&origin=resultslist&sort=plf-f&src=s&it1=&it2=&sid=e40b39658706d9f7c057e2e365bb2dfb&ot=b&ut=b&d=938&TITLE=ABS-KEY+%28customer%2b%2807099%2bsatisfaction%2b%2bman%2bagricultural%2bcredit%2bco-operative%2bsocieties%29&relpos=1&citeCnt=0&searchTerms
Customers problems towards online shopping in Coimbatore district	Mathan Kumar V., Velmurugan R.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045650039&partnerID=40&md5=9cfe027608b256e7da13af0077ebec34
Density based real time partition avoidance mechanism for QOS development in manet using region proximity technique	Somu K., Bhavani S.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048979944&partnerID=40&md5=4314dd44a2e33ca3de3e321613944dbf48
Design of renewable energy based PEVs charging station with energy management technique	Divyapriya S., Amudha A., Vijayakumar R.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044216992&partnerID=40&md5=10219f2f7d9d299085427cee8e427b8
Determinants of customer's satisfaction of public sector banks	Velmurugan R.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85042493059&origin=resultslist&sort=plf-f&src=s&it1=&it2=&sid=e49b2e5f515d9d7f4f6d74d006460b3&ot=b&ut=b&d=788&TITLE=ABS-KEY+%28determinants%2b%2bcustomer%2b%2b%2b%2bsatisfaction%2b%2bpublic%2bsector%2bbanks%29&relpos=1&citeCnt=0&searchTerms
Determinants of micro small and medium enterprise entrepreneur sustainability	Jegadeshwari S., Velmurugan R.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046413448&partnerID=40&md5=022468455be252a9898c0717146caec
DNA based feistel cipher with sub keys selected using genetic algorithm	Cimi Thomas M., Sheeja S.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040236210&partnerID=40&md5=9c3d9bc58104cca7335affe7095b1075
Effect of concentration of al on MICRO structural, morphological and optical properties of ZnO nanorods	Thirunavukkarasu C., Nagamani Prabu A., Janarthanan B., Sharmila S., Chandrasekaran J.	Department of Physics	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078995030&partnerID=40&md5=f6443f65859c22d6257caa403aefb55
Efficient technique for privacy preserving publishing of set valued data on cloud	Elavarasan G., Veni S.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076213563&partnerID=40&md5=91a9c97cf0717e61ae1978da78644760
Employability skills by students of selected arts and science college in Namakkal District	Gowsalya G., Kumar M.A.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047055923&partnerID=40&md5=db77b7f4fb25c816c6c05f409fb106a
Enhancing transient stability of power system using SMES and SFCL	Rajesh S.K., Poorani S.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046396928&partnerID=40&md5=b58306099264fa73fcb3c859ca5e6b
Fabrication and micro structural analysis of LM13/b4C/gr hybrid metal matrix composite	Faisal M.H., Prabagaran S., Vishnu T.S.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068511033&partnerID=40&md5=f07f40bd56e4dddfce6f3b26007cf00
Factors affecting the impulse buying behaviour of consumers of Cochin City	Mathai S.T., Dharmaraj A.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042106866&partnerID=40&md5=0ae2ae751bf3ddbb217c0830a9f7f3a8
Factors determining the job satisfaction of private sector banks-special reference to Ernakulam district	Somasekharan T.M., Kumuthadevi K.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066032002&partnerID=40&md5=79ba724a8820ce7fb3661a7f801e5674
Full adder topologies for improved plethysmograph performance	Valsalan P., Shibi O., Manimegalai P.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029385332&partnerID=40&md5=e1d73636dcfd3de8f7aa409cac190e1a2
Gray code based K-map technique (G-K map) for Boolean functions with many variables	Valli M., Periyasamy R., Amudhavel J.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029473852&partnerID=40&md5=d89a8e94e8ad122e282da872abb9d08
Impact of organisational culture among the faculties working in select arts, science and engineering colleges in Coimbatore district	Preetha R., Ashok Kumar M.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065259365&partnerID=40&md5=9d173419a85e6bb880497446db167730
Improved evolutionary algorithm based fuzzy adaptive resonance theory map (IEA-FARTM) classifier for intrusion detection system	Karthik R., Veni S., Shivakumar B.L.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079670015&partnerID=40&md5=dda14cb196a95026843c8a72410aea16
Improved secured route authentication in manets using secure location algorithm	Syedjamaesha S., Bhavani S.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062827434&partnerID=40&md5=1ca22edcbe9ddeb857bb046eb6295e6
Impulsive buying behavior on online shopping-a study with specific reference to Coimbatore City	Lokesh M., Kumuthadevi K.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046370922&partnerID=40&md5=7311de3abf1d06c9fa8e13a2e65e260
Investigating energy utilization for better energy management in mobile ad hoc networks	Kumar S.S., Manimegalai P., Karthik S.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049038100&partnerID=40&md5=f5657cea039c257dfae43f1175951d
Investigation on reliability based certificate authentication scheme for authentication in WSN	Gandhi A.S., Banu S.S.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046475278&partnerID=40&md5=c8aff548b3a416d817d765ec43ba62e2

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Lapsation of life insurance policies	Subashini S., Velmurugan R.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046139864&partnerID=40&md5=f481ce11e0e4c763e779e84a99e11777
Machine learning based epileptic seizure prediction using brain waves	Malikarjun H.M., Manimegalai P.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047014146&partnerID=40&md5=31512eca9836da53489d47715644f56d
Modeling BSE SENSEX using multi fractal model of asset returns	Dhanu P., Velmurugan R.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046132784&partnerID=40&md5=f4c11430a3f3e19f6bdfdc484277ea
Multicast/broadcast service (MBS) based data handover using low propagation delay casting in mobile WIMAX networks	Adinadh K.R., Dinakaran K.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059523189&partnerID=40&md5=d2221fe7691ae8ae166ba9d190da46b
Multi-type distributed generators placement for voltage profile enhancement using locally tuned differential evolution	Mohan V.J., Albert A.D.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068579854&partnerID=40&md5=2e1ca288676c9557e20d60b7c76572e6
Online product safety surveillance analysis from online reviews using LDA	Preeth R., Sheeja S.	Department of Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046426628&partnerID=40&md5=567659fe9bd535598dfe3144fac5b69
Organizational commitment among the faculties working in select arts, science and engineering colleges in Coimbatore district	Preetha R., Ashok Kumar M.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046416449&partnerID=40&md5=f4d07baa9302082123b770427e66236a7
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OSLAEP: An optimized secure location aware energy efficient protocol for WSN	Karthikeyan T., Manimegalai P.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046470046&partnerID=40&md5=c6ca05d3e1862e6823451216f1f4d0
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Performance analysis of inverter circuits used in nanogrids	Chembukkavu J., Poorani S.	Department of Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046368151&partnerID=40&md5=a413479919d29b0ca290bb3767d551f
Performance of cylindrical trough solar collectors with three (Aluminium, iron and stainless steel) different receivers	Gorantla P., Janarthanan B., Divya C., Nagamaniprabu A., Thirunavukkarasu C.	Department of Physics	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078924288&partnerID=40&md5=f48ec36f2e03b015758dc3f1c67466
Power aware cross layer approach in manets using advanced congestion control approach	Gowtham M.S., Subramaniam K.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065185957&partnerID=40&md5=eb38600d92be e2d71ab21e2ca11aa3f
Problems faced by CNC machines end users at Coimbatore district	Ganesh Kumar R., Velmurugan R.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046157617&partnerID=40&md5=ae9fb5fdee0267347e8405c747e7de
Problems of rural entrepreneurship in the central districts of Tamilnadu	Balraj K.P., Velmurugan R.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045765274&partnerID=40&md5=d9c33bfc21b72f143286195ad4366871
Ranking of scheduling rules using tophis method for a dynamic job shop with sequence dependent setup time	Vinod K.T., Prabagaran S., Joseph O.A.	Department of Mechanical Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075575492&partnerID=40&md5=b77dca14334e7c0b8aad6585725a3
Role of demographic factors of consumers on their buying behavior of health drink products in rural Kerala	Lakshmy G., Kumuthadevi K.	Department of Commerce	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046456668&partnerID=40&md5=afbbe5e7a946bca049a6e78e82aba
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Seasonality effect in Indian stock market with reference to BSE SENSEX index	Sudarvel J., Dhanu P., Velmurugan R.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045658481&partnerID=40&md5=ac5eafac8fbc917ba72b457f39417
Secure data aggregation routing protocol for wireless sensor networks	Priyadarisini C., Prema R.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046361794&partnerID=40&md5=1131ed9de5b0 c545463adaf42a6d72f
Single axis active solar tracker for parabolic trough concentrator evaluated through solar dial target board	Nagamani Prabu A., Thirunavukkarasu C., Janarthanan B.	Department of Physics	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074209724&partnerID=40&md5=84a8870526ff6c7b9a809eace9357e1f
Structural, morphological, electrical and electrochemical properties of gadolinium doped li2 mn4 o9 for li-ion battery applications	Shaji K.K., Janarthanan B., Sharmila S., Chandrasekaran J.	Department of Physics	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079195282&partnerID=40&md5=b6eb85dc9264f f8ad66084ca852f43
Studies on absolute relative error between the observed and predicted rice production from the hybrid feed forward back propagation neural network system in Tamilnadu	Arun Balaji S., Manimegalai Vairavan P.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046355117&partnerID=40&md5=dab4b245ad82a aac2f905b4c2a39c23
Study on work life balance among women employees in selected public industries in Kerala	Anila K.P., Krishnaveni V.	Department of Management	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065492113&partnerID=40&md5=b7a5348b98ac11b6d53ba639791b419
The relevance study of fuzzy analytic hierarchy process for the investigation of non-performing assets in Indian financial sectors	Varalakshmi N., Shanmugapriya M.M.	Department of mathematics	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047066658&partnerID=40&md5=15f0f28e241698f fb82c426f51bba651
The secure lossless compression scheme for grayscale medical images using PBT and modified steganography	Narmatha C., Manimegalai P., Manimurugan S.	Department of Electronics and Communication Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046345339&partnerID=40&md5=84d0b5b0e65df 2af2ee6b09676b0ea
Web page recommendation system using weighted sequential pattern mining and Wu fuzzy clustering	Jadhav J.N., Asaithambi M.	Department of Computer Science and Engineering	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046337116&partnerID=40&md5=bd27c3596a15c c215b03c1594bfefca
A Common Variant of IL-6R is Associated with Elevated IL-6 Pathway Activity in Alzheimer's Disease Brains	Haddick, Patrick C. G.; Larson, Jessica L.; Rathore, Nisha; Bhargale, Tushar R.; Phung, Qui T.; Srinivasan, Karpagam; Hansen, David W.; Ull, Jennie R.; Pericak-Vance, Margaret A.; Haines, Jonathan; Farrer, Lindsay A.; Kauwe, John S.; Schellenberg, Gerard D.; Cruchaga, Carlos; Goate, Alison M.; Behrens, Timothy W.; Watts, Ryan J.; Graham, Robert R.; Kamikire, Joshua S.; van der Brug, Marcel	Department of Computer Science and Engineering	JOURNAL OF ALZHEIMERS DISEASE	2017	13872877	https://www.scopus.com/record/display.uri?eid=2-s2.0-85011562578&origin=resultslist&sort=plf-f&ccs&st1=8&st2=&id=PI08821c70604c867b6487a678ae938&ot=b&dt=b&id=1218&ui=TITLE-ABSTRACT-KEY+%28A+Common+Variant+of+IL-6R+is+Associated+with+Elevated+IL-6+Pathway+Activity+in+Alzheimer%27s+Disease+Brains%29&relpos=0&citeCnt=16&searchTerm=

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Degradation of benzo[a]pyrene by <i>Pleurotus ostreatus</i> PO-3 in the presence of defined fungal and bacterial co-cultures	Bhattacharya S., Das A., Palaniwamy M., Angayarkanni J.	Department of Microbiology	Journal of Basic Microbiology	2017	0233111X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006039968&doi=10.1002%2Fjbm.20160479&partnerID=40&md5=c6555847e7dc1b15e3a6212d922a6
Life cycle assessment study of an integrated desktop device - comparison of two information and communication technologies: Desktop computers versus all-in-ones	Subramanian, Karpagam; Yung, Winco K. C.	Department of Microbiology	JOURNAL OF CLEANER PRODUCTION	2017		https://www.scopus.com/record/display.uri?eid=2-s2.0-85019113942&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=6437b2b892ab2dca9dddb23183f035e00&sotrb&sdtrb&sl=175&ss=TITLE-ABS-KEY+%28Life+cycle+assessment+study+of+an+integrated+desktop+device+comparison+of+two+information+and+communication+technologies%3a+Desktop+computers+versus+all-in-ones%29&relpos=0&citeCnt=4&searchTerm=
A highly sensitive and selective electrochemical determination of non-steroidal prostate anti-cancer drug nilutamide based on F-MWCNT in tablet and human blood serum sample	Karthik R., Sasikumar R., Chen S.-M., Vinoth Kumar J., Elangovan A., Muthuraj V., Muthukrishnan P., Al-Hemaid F.M.A., Ajmal Ali M., Elshikh M.S.	Department of Chemical Engineering	Journal of Colloid and Interface Science	2017	219797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84993958536&doi=10.1016%2Fj.jcis.2016.10.047&partnerID=40&md5=ab219035a6a74a3e55b678d29287bd95
Electro-oxidative determination of aromatic amine (o-phenylenediamine) using organic-inorganic hybrid composite	Sasikumar R., Ranganathan P., Chen S.-M., Rwei S.-P., Muthukrishnan	Department of Chemical Engineering	Journal of Colloid and Interface Science	2017	219797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019915517&doi=10.1016%2Fj.jcis.2017.05.043&partnerID=40&md5=c2b46b67ec30f88272e16cb3a1519
A novel and enhanced facial electromyogram based human emotion recognition using convolution neural network model with multirate signal processing features	Charlyn Pushpa Latha G., Mohana Priya M.	Department of Electronics and Communication Engineering	Journal of Computational and Theoretical Nanoscience	2017	15461955	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021712570&doi=10.1166%2Fj.ctn.2017.6480&partnerID=40&md5=15330e60b947550b30710e92e78c31
Design and development of steganography using hybrid transform with decomposition based embedding algorithm and hybrid encryption scheme	Ayyaswamy M., Subramaniam K., Perumal M.	Department of Electronics and Communication Engineering	Journal of Computational and Theoretical Nanoscience	2017	15461955	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037170948&doi=10.1166%2Fj.ctn.2017.7046&partnerID=40&md5=ad0b084ae01154b800c62ae51414ba
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Performance evaluation of Apache Spark Vs MPI: A practical case study on twitter sentiment analysis	Kumar D.S., Rahman M.A.	Department of Electronics and Communication Engineering	Journal of Computer Science	2017	15493636	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040022572&doi=10.3844%2Fj.cscsp.2017.781.794&partnerID=40&md5=6003122511a618e756c2470da5d0b09
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Evaluation of Sliding Wear Resistance of Physical Vapor Deposited Coatings by the Ball-Cratering Test Method	Vijayarathi P., Ilaiyavel S., Suresh Prabhu P.	Department of Mechanical Engineering	Journal of Engineering Materials and Technology, Transactions of the ASME	2017	944289	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018473885&doi=10.1115%2F1.4036067&partnerID=40&md5=7666947a2e753e24768e7a85dd9f105b
Structural, transport, magnetic, magnetocaloric properties and critical analysis of Ni-Co-Mn-Ga Heusler alloys	Arumugam, S.; Devarajan, U.; Muthu, S. Esakki; Singh, Sanjay; Thiagarajan, R.; Raja, M. Manivel; Rao, N. V. Rama; Banerjee, Alok	Karpagam Academy of Higher Education	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2017	3048853	https://www.scopus.com/record/display.uri?eid=2-s2.0-85023632235&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=394a0d27559e5d06ca34f838a1e17a&sotrb&sdtrb&sl=175&ss=TITLE-ABS-KEY+%28Structural+transport+magnetic+magnetocaloric+properties+and+critical+analysis+of+Ni-Co-Mn-Ga+Heusler+alloys%29&relpos=0&citeCnt=6&searchTerm=
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Ethnopharmacology, phytoconstituents, essential oil composition and biological activities of the genus <i>scutellaria</i>	Sripathi R., Ravi S.	Department of Chemistry	Journal of Pharmaceutical Sciences and Research	2017	9751459	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016208923&partnerID=40&md5=b77db4041199c166d4cc3a9b4f5470
Fourier transform infra-red spectroscopy analysis of <i>Erythrina variegata</i> L	Hemmalakshmi S., Priyanga S., Devaki K.	Department of Biochemistry	Journal of Pharmaceutical Sciences and Research	2017	9751459	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036588269&partnerID=40&md5=b279e43f046a09497e832918ee5c1cc
Molecular docking studies of alkaloids from <i>Desmodium triflorum</i> against bacterial proteins	Princy K.R., Sripathi R., Dharani J., Ravi S.	Department of Chemistry	Journal of Pharmaceutical Sciences and Research	2017	9751459	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034040508&partnerID=40&md5=581a51a18f871d5ca31bd33fca9b935b
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Application of Box-Behnken design for the optimization of culture conditions for novel fibrinolytic enzyme production by Bacillus altitudinis S-CSR 0020	Smitha K.V., Pradeep B.V.	Department of Microbiology	Journal of Pure and Applied Microbiology	2017	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031103887&doi=10.22207%2FJPAM.11.3.28&partnerID=40&md5=1133473a1458822c9a0585e4ffH3718e
Isolation, characterization, comparative analysis of anti-rabies antibodies raised in chicken and rabbit	Gomez L.A., Totapalli V., Diraviyam T., Michael A., Vani C.	Department of Biotechnology	Journal of Pure and Applied Microbiology	2017	9737510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017572289&doi=10.22207%2FJPAM.11.1.40&partnerID=40&md5=641f2ba4c85f38edac03d1d295856
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Absolute quantification of microRNAs in green tea (Camellia sinensis) by stem-loop quantitative real-time PCR	Hou, Ying-Hui; Jayaraj, Anburaj; Zhang, Xiao; Wei, Chao-Ling	Karpagam Academy of Higher Education	JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE	2017	225142	https://www.scopus.com/record/display.uri?eid=2-s2.0-85007293364&origin=resultslist&sort=plf-f&rcs=8&st1=&st2=&id=a290c4776708bad129edcaac5eb5b75758&scot=b&sd=b&sl=106&sc=TITLE-ABS-KEY+%28Absolute+quantification+of+microRNAs+in+green+tea++by+stem-loop+quantitative+real-time+PCR%29&relpos=0&citeCnt=6&searchTerm=
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Chemical spray deposition technique of antimony (Sb) doped polycrystalline MnIn2S4 thin films: Preparation and characterization	Kennedy A., Senthil Kumar V., Pradeep Raj K.	Department of Physics	Materials Letters	2017	0167577X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014419640&doi=10.1016%2Fmatlet.2017.02.107&partnerID=40&md5=f778895e8dc7f1d55519ec9afa748c
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Insight into oral biofilm: Primary, secondary and residual caries and phyto-challenged solutions	Chenicheri S., Usha R., Ramachandran R., Thomas V., Wood A.	Department of Microbiology	Open Dentistry Journal	2017	18742106	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027098380&doi=10.2174%2F18742106017110103128&partnerID=40&md5=5dd339bef248b4d31ee98cec732d0f015
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Synthesis and molecular docking studies of novel 2-(2-amino-6-phenyl-4-pyrimidinylamino) ethanol derivatives: Using ring-opening reactions of cyclic ketene-N,O-acetal	Kumar G.M.V.N.A.R.R., Thangamani A.	Department of Chemistry	Oriental Journal of Chemistry	2017	0970020X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023614373&doi=10.13005%2Fojc.2f330361&partnerID=40&md5=fR837a880049b0cf1833fc24a5e413b4
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Analysis of hybrid full adder topologies based on improved drptl	Shibi O., Manimegalai P.	Department of Electronics and Communication Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057640740&partnerID=40&md5=ed9afce943e77a38c0fad7872225a3
Automatic detection of retinal hemorrhage based on gabor wavelet and hybrid knnsvm algorithm for fundus images	Shanthi K.K.Y., Dass J.C.A.	Department of Electronics and Communication Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057643599&partnerID=40&md5=32a89edf04348861353d2785b03c3f3
Design and testability of z-ternary content addressable memory logic	Devi K.S., Bhavani S.	Department of Electronics and Communication Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046594159&partnerID=40&md5=dd050095723d89701ed919c479f5db44
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Design of CMOS 8-bit parallel adder energy efficient structure using sr-cpl logic style	Muthu F., Aravinth T.S., Rajendran T.	Department of Electronics and Communication Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049722771&partnerID=40&md5=c68097578382f20079e8c8780ee122
Design of low intricate 10-bit current steering digital to analog converter circuitry using full swing GDI	Keerthivasan S., Babu M.G.R., Rajendran T.	Department of Electronics and Communication Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047782579&partnerID=40&md5=50d01154103a410061127bad685f693
Development of feed forward back propagation neural network with best fitting models to predict seasonal rice production in tamilnadu	Arun Balaji S., Manimegalai P.	Department of Computer Science and Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057645649&partnerID=40&md5=0b4eb00ddfbbe1fb71655433c102fcaad
Distributed model predictive control of a wind farm with clustering	Malika S., Dharani Kumar M., Manimegalai P.	Department of Electronics and Communication Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057647182&partnerID=40&md5=b6859b22c147de992b27469176e8ca4
Efficient implementation of decoder using modified soft decoding algorithm in Golay (24,12) code	Vijayakumar P., Rajendran T., Babu M.G.R.	Department of Electronics and Communication Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047782474&partnerID=40&md5=f96903bcb8f5f5b0769a01ff0fc123
Estimation of maximum power efficiency using reactive routing in wireless Ad Hoc networks	Brindha V., Manimegalai P.	Department of Electronics and Communication Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057642185&partnerID=40&md5=b69131ee75446a4ac55094169fcd077b
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Investigation on WSN routing protocol in IEEE802.15.4 based WSN under wormhole attack	Karthikeya T., Manimegalai P.	Department of Electronics and Communication Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057640859&partnerID=40&md5=def02bc125873c4684b74a14bf58bb0
Network security in cloud computing	Shrividhya V., Manimegalai P.	Department of Electronics and Communication Engineering	Pakistan Journal of Biotechnology	2017	18121837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850213047997&partnerID=40&md5=0cc3f6a72d258de302c1802c78a5f36
Inhibition of IKK beta by celastrol and its analogues - an in silico and in vitro approach	Veerappan, Karpagam; Natarajan, Sathishkumar; Ethiraj, Purushoth; Vetrivel, Umashankar; Samuel, Shila	Karpagam Academy of Higher Education	PHARMACEUTICAL BIOLOGY	2017	13880209	https://www.scopus.com/record/display.uri?eid=2-s2.0-850151354384&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=bac31df920c48cae6a14946886e60f8&ot=b&sd=b&sl=106&s=TITLE-ABS-KEY+%28inhibition+of+IKK+beta+by+celastrol+and+its+analogues+&+in+silico+and+in+vitro+approach%29&relpos=0&citeCnt=13&searchTerm=
Cellulose Orodispersible Films of Donepezil: Film Characterization and Drug Release	Reddy, Keshireddy Anji; Karpagam, S.	Karpagam Academy of Higher Education	PHARMACEUTICAL CHEMISTRY JOURNAL	2017	0091150X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85033502407&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=584503ffa37ba1c940be2ddg70d2a3e4&ot=b&sd=b&sl=99&s=TITLE-ABS-KEY+%28Cellulose+Orodispersible+Films+of+Donepezil%3a+Film+Characterization+and+Drug+Release%29&relpos=0&citeCnt=2&searchTerm=
PREPARATION AND CHARACTERIZATION OF DRUG-LOADED PHTHALIC ANHYDRIDE BASED HYPERBRANCHED POLYESTERAMIDE MICROSPHERES	Reddy, Keshireddy Anji; Karpagam, S.	Karpagam Academy of Higher Education	PHARMACEUTICAL CHEMISTRY JOURNAL	2017	0091150X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85015093104&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=1cb55cdf5e70c5ca85d1d20f51948e70&ot=b&sd=b&sl=106&s=TITLE-ABS-KEY+%28PREPARATION+AND+CHARACTERIZATION+OF+DRUG+LOADED+PHTHALIC+ANHYDRIDE+BASED+HYPERBRANCHED+POLYESTERAMIDE+MICROSPHERES%29&relpos=0&citeCnt=3&searchTerm=
Synthesis and spectroscopic characterization of tris(tert-butoxy)siloxo titanium and hafnium complexes: Molecular precursor to [M/Si/O (M = Ti, Hf)] materials	Gopalakrishnan, Mohan; Shanmugan, Swaminathan; Palanisami, Nallasamy	Karpagam Academy of Higher Education	PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS	2017	10426507	https://www.scopus.com/record/display.uri?eid=2-s2.0-85023185993&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=315690e82493e7d562f641b032212174&ot=b&sd=b&sl=1&s=35&s=TITLE-ABS-KEY+%28Synthesis+and+spectroscopic+characterization+of+siloxo+titanium+and+hafnium+complexes%3a+Molecular+precursor+to+materials%29&relpos=0&citeCnt=0&searchTerm=
Synthesis and spectroscopic characterization of tris(tert-butoxy)siloxo titanium and hafnium complexes: Molecular precursor to [M/Si/O (M = Ti, Hf)] materials	Gopalakrishnan M., Shanmugan S., Palanisami N.	Department of Chemistry	Phosphorus, Sulfur and Silicon and the Related Elements	2017	10426507	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023185993&doi=10.1080%2F10426507.2017.1322083&partnerID=40&md5=a16b5eaf89b66744d5103bfc37005de4
Identification and in silico characterization of a novel peptide inhibitor of angiotensin converting enzyme from pigeon pea (Cajanus cajan)	Nawaz K.A.A., David S.M., Muruges E., Thandeewaran M., Kiran K.G., Mahendran R., Palaniswamy M., Angayarkanni J.	Department of Microbiology	Phytomedicine	2017	9447113	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030865375&doi=10.1016%2Fj.phymed.2017.09.013&partnerID=40&md5=d420d100e6dd77203a430aeaf977b474
An empirical analysis on supply chain problems, strategy, and performance with reference to SMEs	Ganeshan H., Suresh P.	Department of Management	Prabandhan: Indian Journal of Management	2017	9752854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036647240&doi=10.17010%2Fijom%2F2017%2F4v1011%2F119400&partnerID=40&md5=1064947ab91a61fba375c74c13c95945
Multi Level Multi Attribute Relational Trust Measure Based Integrity Management in Data Warehouse	Thangaraju G., Agnise Kala Rani X., Umarani J.	Department of Computer Science	Proceedings - 2nd World Congress on Computing and Communication Technologies, WCCCT 2017	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039897453&doi=10.1109%2FWCCCT.2016.18&partnerID=40&md5=2f4d00ab3344cce22ab9715727c73b7bf
Estimation of MIMO power line communication Channel capacity using multi-conductor transmission line theory	Kasthala S., Venkatesan G.K.D.P.	Department of Electronics and Communication Engineering	Proceedings of the 2016 2nd International Conference on Applied and Theoretical Computing and Communication Technology, ICATcT 2016	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020227753&doi=10.1109%2FICATcT.2016.7912106&partnerID=40&md5=530b409f65a1923625d7ea9edb54e5a
Using carbon-fibre-reinforced polymer to strengthen concrete-filled steel tubular columns	Vijay Shankar G.R., Sundararaja M.C., Kim Y.Y., Ganesh Prabhu G.	Department of Civil Engineering	Proceedings of the Institution of Civil Engineers: Structures and Buildings	2017	9650911	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034264185&doi=10.1680%2Fjstbu.16.00015&partnerID=40&md5=4431d67e57bfe4260d03de1029f606c0
A trust management model for sensor enabled mobile devices in IoT	Rafidha Rehiman K.A., Veni S.	Department of Civil Engineering	Proceedings of the International Conference on IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2017	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034618390&doi=10.1109%2FISMAC.2017.8058290&partnerID=40&md5=0099addeaz219d908f2a058441440b781
Molecular architecture of pterin deaminase from Saccharomyces cerevisiae NCIM 3458	Murugesan T., Vellaiyadevar K., Easwaran M., Kg K., Ka A.N., Ramasamy M., Muthusamy P., Jayaraman A.	Department of Microbiology	Pteridines	2017	21954720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037586878&doi=10.1515%2Fpterid-2017-0011&partnerID=40&md5=404761777e044ef511af4d6c3105e34

Green synthesis, characterization and antibacterial studies of CuO nanoparticles from <i>Eichhornia crassipes</i>	Hemalatha S., Makeswari M.	Department of Chemistry	Rasayan Journal of Chemistry	2017	9741496	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027017661&doi=10.7324%2FRJC.2017.1031800&partnerID=40&md5=27d0d5ed1bbb74c84bc12091b9a05b
Preparation and characterization of alumina and silica modified chitosan	Saraswathi P., Makeswari M.	Department of Chemistry	Rasayan Journal of Chemistry	2017	9741496	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021788684&doi=10.7324%2FRJC.2017.1031752&partnerID=40&md5=9312d21257eb563017e310e9d741742a
Transformation, purification, and quantification of soy isoflavone from <i>Lactobacillus</i> sp. and <i>Bifidobacterium</i> sp.	Rani V.U., Pradeep B.V.	Department of Microbiology	Recent advances in Applied Microbiology	2017		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043496714&doi=10.1007%2F978-981-10-5275-0_98&partnerID=40&md5=b4b99af279a9ff2c5d272c061f914
Novel phenothiazine-based chalcone derivatives with various N-substituted rhodanines induce growth inhibition followed by apoptosis in leukemia cells	Muhammad S.A., Thangamani A., Ravi S.	Department of Chemistry	Research on Chemical Intermediates	2017	9226168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018804885&doi=10.1007%2Fs11164-017-2953-0&partnerID=40&md5=c5f2454933e1a0292d35b672f081dec7
Synthesis, antiproliferative activity and docking study of novel rhodanine derivatives as Bcr-Abl T3351 inhibitors	Muhammad S.A., Ravi S., Thangamani A., Chandrasekaran B., Ramesh M.	Department of Chemistry	Research on Chemical Intermediates	2017	9226168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018760264&doi=10.1007%2Fs11164-017-2968-6&partnerID=40&md5=0193d2d04946fc61915d2eb4350c3fbc
<i>Psychotria gopalanii</i> (Rubiaceae): A new species from Eastern Ghats India	Sambooranam S.	Department of Biotechnology	Rheedia	2017	9712313	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037143465&doi=10.22244%2Frheedia.2017.27.1.6&partnerID=40&md5=0926024dca3b56a193727614c6f3e995c
Modelling, Analysis and Simulation of Clutch Engagement Judder and Stick-Slip	Sivanesan M., Jayabalaji G.	Department of Automobile Engineering	SAE International Journal of Passenger Cars - Mechanical Systems	2017	19463995	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042328808&doi=10.4271%2F2016-01-2355&partnerID=40&md5=b566def4e65d2326e39a839091070ec
Thiophene-thiazole functionalized oligomers-excellent fluorescent sensing and selective probe for copper and iron ion	Maresh, K.; Karpagam, S.	Karpagam Academy of Higher Education	SENSORS AND ACTUATORS B-CHEMICAL	2017	9254005	https://www.scopus.com/record/display.uri?eid=2-s2.0-850191214208&origin=resultslist&sort=plf-f&rc=s&st1=&st2=&sid=fc29f70fc4d3b29d3e774efb
XRD, FT-IR, SEM and electrical studies of Li4Mn4.5VO5O12	Sharmila S., Janarthanan B., Chandrasekaran J.	Department of Physics	Springer Proceedings in Physics	2017	9308989	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019265834&doi=10.1007%2F978-3-319-44890-7_14&partnerID=40&md5=c694454a9e7ba75fcbf3
Experimental analogue implementation of memristor based chaotic oscillators	Iothimurugan R., Sabarathinam S., Suresh K., Thamilmaran K.	Department of Physics	Studies in Computational Intelligence	2017	1860949X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013413580&doi=10.1007%2F978-3-319-51724-7_14&partnerID=40&md5=c694454a9e7ba75fcbf3
Growth and characterization of Au nanoparticles embedded In2O3 composite films	Ananthan, M. R.; Malar, P.; Osgowicz, Thomas; Varma, Shikha; Kasiswathanan, S.	Karpagam Academy of Higher Education	THIN SOLID FILMS	2017	406090	https://www.scopus.com/record/display.uri?eid=2-s2.0-85007242769&origin=resultslist&sort=plf-f&rc=s&st1=&st2=&sid=ch8f6e6b1f0b938f9f96b1
Acute toxicity assessment of ethanolic leaf extract of <i>Macrotyloma uniflorum</i> L. On Wistar albino rats	Priyanga S., Hemmalakshmi S., Vidya B., Perumal P.C., Gopalakrishnan V.K., Devaki K.	Department of Biochemistry	Toxicology International	2017	9716580	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045851814&doi=10.22506%2Fh2f2017%2Fh24%2F1%2F149029&partnerID=40&md5=d24caa51be14cb4d05a5f665ee884b35
Challenges in diagnosing and treating snakebites in a rural population of Tamil Nadu, India: The views of clinicians	Williams H.F., Vajyapuri R., Gajerman P., Hutchinson G., Gibbins J.M., Bicknell A.B., Vajyapuri S.	Department of Biochemistry	Toxicon	2017	410101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014146949&doi=10.1016%2Ftoxicon.2017.02.025&partnerID=40&md5=72115777b23e7374412189ba8ef06fa
Effect of weight fraction and particle size of CRT glass on the tribological behaviour of Mg-CRT-BN hybrid composites	Gopal, P. M.; Prakash, K. Soorya; Nagaraja, S.; Aravinth, N. Kishore	Karpagam Academy of Higher Education	TRIBOLOGY INTERNATIONAL	2017	0301679X	
A System for Distinguishing Octoploid Strawberry Cultivars Using High-Throughput SNP Genotyping	Jung, Hee-Jeong; Veerappan, Karpagam; Natarajan, Sathishkumar; Jeong, Namhee; Hwang, Indeok; Nagano, Soichiro; Shirasawa, Kenta; Isobe, Sachiko; Nou, Ill-Sup	Karpagam Academy of Higher Education	TROPICAL PLANT BIOLOGY	2017		
New SNPs and InDel Variations in SIMYB12 Associated with Regulation of Pink Color in Tomato	Jung, Hee Jeong; Veerappan, Karpagam; Hwang, Indeok; Goswami, Gayatri; Chung, Mi Young; Nou, Ill Sup	Karpagam Academy of Higher Education	TROPICAL PLANT BIOLOGY	2017		
An Efficient Hardware Architecture for High Throughput AES Encryptor Using MUX Based Sub Pipelined S-Box	Priya, Sridevi Sathya; Karthigaikumar, Palanivel; Mangai, N. M. Siva; Das, P. Kirti Gaurav	Karpagam Academy of Higher Education	WIRELESS PERSONAL COMMUNICATIONS	2017	9296212	
Design of a wireless sensor fusion system to analyze conditions inside bore wells	Sridhar K.P., Hema C.R., Deepa S.	Department of Electronics and Communication Engineering	Wireless Personal Communications	2017	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059277732&doi=10.1007%2Fs11277-016-3299-4&partnerID=40&md5=ee9779aea470cfaf252d6e1ca6f37d
Design of a Wireless Sensor Fusion System to Analyze Conditions Inside Bore Wells (vol 94, pg 1951, 2017)	Sridhar, K. P.; Hema, C. R.; Deepa, S.	Karpagam Academy of Higher Education	WIRELESS PERSONAL COMMUNICATIONS	2017	9296212	
Erratum to: Design of a Wireless Sensor Fusion System to Analyze Conditions Inside Bore Wells (Wireless Personal Communications, (2017), 94, 4, (1951-1962), 10.1007/s11277-016-3299-4)	Sridhar K.P., Hema C.R., Deepa S.	Department of Electronics and Communication Engineering	Wireless Personal Communications	2017	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965031861&doi=10.1007%2Fs11277-016-3333-6&partnerID=40&md5=07664832b1185d4ad1f80faf6ba5410
High Throughput AES Algorithm Using Parallel Subbytes and MixColumn	Priya, S. Sridevi Sathya; Karthigaikumar, P.; Sivamangai, N. M.; Rejula, V.	Karpagam Academy of Higher Education	WIRELESS PERSONAL COMMUNICATIONS	2017	9296212	
Introductory Editorial	Nagaraj, B.; Pelusi, Danilo; Che, Joy I. -Z.	Karpagam Academy of Higher Education	WIRELESS PERSONAL COMMUNICATIONS	2017	9296212	

Performance Study of BLDC Motor Used in Wireless Medical Applications	Santhosh, P., Vijayakumar, P.	Karpagam Academy of Higher Education	WIRELESS PERSONAL COMMUNICATIONS	2017	9296212	https://www.scopus.com/record/display.uri?eid=2-s2.0-84981207022&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=81212ec6a00ecc5172918bf611957118&ot=b&sd=b&sl=85&s=TITLE-ABS-KEY%20performance%20study%20of%20BLDC%20motor%20used%20in%20wireless%20medical%20applications%20&relpos=0&citeCnt=6&searchTerm=
Weighted Clustering Trust Model for Mobile Ad Hoc Networks	Ashwin M., Kamalraj S., Azath M.	Department of Computer Science and Engineering	Wireless Personal Communications	2017	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019705148&doi=10.1007%2Fs11277-016-3371-0&partnerID=40&md5=174e15229916a5746498bea564427d
Chromatographic Fingerprinting Analysis of Secondary Metabolites Present in Ethanolic Extract of <i>Tabernaemontana divaricata</i> (L.) R. Br. by HPTLC Technique.	Poornima K, Chella Perumal P, Sowmya S, Gopalakrishnan VK	Department of Biochemistry	Analytical Chemistry letters	2017	22297928	-
Improved adaptive median filters using nearest 4-neighbors for restoration of images corrupted with fixed-valued impulse noise	Beagum S.S., Hundewale N., Sathik M.M.	Department of Computer Science and Engineering	2015 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2015	2016		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965065080&doi=10.1109%2Ficic.2015.7435673&partnerID=40&md5=56991c24d5c25f6a75f0a8ee3b8399e1
Research paper on E-Learning application design features: Using cloud computing & software engineering approach	Veeramanickam M.R.M., Mohanapriya M.	Department of Computer Science and Engineering	2016 International Conference on Information Communication and Embedded Systems, ICICES 2016	2016		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992153824&doi=10.1109%2Ficices.2016.7518886
Statistical analysis on tribological behaviour of an alloy 7075 - AL203 composites	Shanmugasundaram Palanisamy P.	Department of Automobile Engineering	Acta Metallurgica Slovaca	2016	13351532	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962053035&doi=10.12776%2Fams.v22i1.6608&partnerID=40&md5=57c9f690c3a0991f5f5a852358a9bfe4
Cost effective framework for complex and heterogeneous data integration in warehouse	Amuthabala P., Mohanapriya M.	Department of Computer Science and Engineering	Advances in Intelligent Systems and Computing	2016	21945357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964713233&doi=10.1007%2F978-3-319-33622-0_98&partnerID=40&md5=404733a3b1f61568cac800d619ab86d3
International Nosocomial Infection Control Consortium report, data summary of 50 countries for 2010-2015: Device-associated module	Daniel Rosenthal, Victor; Al-Abdely, Hail M.; El-Kholy, Amani Ali; AlKhawaja, Safa A. Aziz; Leblebicioglu, Hakan; Mehta, Yatin;	Karpagam Academy of Higher Education	AMERICAN JOURNAL OF INFECTION CONTROL	2016	1966553	https://www.scopus.com/record/display.uri?eid=2-s2.0-84998546960&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=5f5f6b423380f1c732edde05
Characterization of unexplored amidohydrolase enzyme-pterin deaminase	Jayaraman, Angayarkanni; Thandeeswaran, Murugesan; Priyadarsini, Ulaganathan; Sabarathinam, Shanmugam; Nawaz, K. A. Ayub; Palaniswamy, Muthusamy	Karpagam Academy of Higher Education	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	2016	1757598	https://www.scopus.com/record/display.uri?eid=2-s2.0-85027950544&origin=resultslist&sort=plf-f&src=s&st1=&st2=&id=327bd91b0aa45378a0b6a212a501ed8a&ot=b&sd=b&sl=85&s=TITLE-ABS-KEY%20characterization%20of%20unexplored%20amidohydrolase%20enzyme%20pterin%20deaminase
Characterization of unexplored amidohydrolase enzyme—pterin deaminase	Jayaraman A., Thandeeswaran M., Priyadarsini U., Sabarathinam S., Nawaz K.A.A., Palaniswamy M.	Department of Microbiology	Applied Microbiology and Biotechnology	2016	1757598	https://www.scopus.com/results/results.uri?src=s&st1=&st2=&ot=b&sd=b&origin=search&basic&sr=&sl=85&s=TITLE-ABS-KEY%20Characterization%20of%20unexplored%20amidohydrolase%20enzyme%20pterin%20deaminase
Exploration of industrially important pigments from soil fungi	Akilandeswari P., Pradeep B.V.	Department of Microbiology	Applied Microbiology and Biotechnology	2016	1757598	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958772600&doi=10.1007%2Fs00253-015-7731-1
Experimental investigation of wear characteristics on TiCN-coated AISI 410 steel	Prabakaran V., Sivakumaran I., Palimar S.P.	Department of Mechanical Engineering	Applied Physics A: Materials Science and Processing	2016	9478396	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962033733&doi=10.1007%2Fs00339-016-9980-3&partnerID=40&md5=b7f56d298db37db09db58bf39e1d1935
A new alternative adsorbent for the removal of cationic dyes from aqueous solution	Santhi T., Manonmani S., Vasantha V.S., Chang Y.T.	Department of Chemistry	Arabian Journal of Chemistry	2016	18785352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84993970500&doi=10.1016%2Farabic.2011.06.004
A literature survey and investigation of various high performance domino logic circuits	Muralidharan J., Manimegalai P.	Department of Electronics and Communication Engineering	ARPN Journal of Engineering and Applied Sciences	2016	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961627551&partnerID=40&md5=379830a08f2d18
A secure image encryption algorithm based on ann and Rubik's cube principle	Gomathi T., Shivakumar B.L.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2016	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006926738&partnerID=40&md5=e8134cda120a3282044d09529bf5cd
Design of modified Russian peasant multiplier using MSQRTCSLA based adder	Uthaya Kumar C., Justus Rabi B.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2016	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957900468&partnerID=40&md5=4ab51d907f0af1f2150250acfc6e82e
Evaluation of cast iron surface roughness using image processing and machine vision system	Nithyananthan N., Suresh P.	Department of Mechanical Engineering	ARPN Journal of Engineering and Applied Sciences	2016	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006307191&partnerID=40&md5=66b44da398b5f
Identifying hand gestures using semg for human machine interaction	Emayavaramban G., Amudha A.	Department of Electrical and Electronics Engineering	ARPN Journal of Engineering and Applied Sciences	2016	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006295133&partnerID=40&md5=b23338306a6225f04d040912df10583c
Multirate analysis and neural network based classification of human emotions using facial electromyography signals	Charlyn Pushpa Latha G., Mohana Priya M.	Department of Computer Science and Engineering	ARPN Journal of Engineering and Applied Sciences	2016	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019258816&partnerID=40&md5=aa53e90e4340fe22991dbf350114c9b0
Weight optimized dynamic hybrid fuzzy Jordan artificial neural network for intrusion detection	Dhiviya A., Sivanandam S.N.	Department of Computer Science	ARPN Journal of Engineering and Applied Sciences	2016	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978174657&partnerID=40&md5=6984a50956bb1310135bcaade11c7d49
Salt free reactive dyeing of cellulosic fabrics using chitosan and eco-alkali	Karthikeyan K., Ramachandran T.	Department of Mechanical Engineering	Asian Dyer	2016	9729488	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988515776&doi=10.22159%2Fajpcr.2016.v9i5.126938&partnerID=40&md5=15bdafae63632423d73dfe3205a88f5
Optimization of growth conditions for crude oil and n-Hexadecane degrading <i>Pseudomonas</i> spp. from industrial areas	Augustine S., Pradeep B.V.	Department of Microbiology	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2016	9723005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994434528&partnerID=40&md5=9e2bad0ff72bd2fa73e1196480699c91
Strength study on eco friendly high performance concrete by replacing the cement by flyash, silica fume and metakaolin	Gajendran K.A., Anuradha R., Venkatasubramani G.S.	Department of Civil Engineering	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2016	9723005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8507614113&doi=10.22159%2Fajpcr.2016.v9i3.148478&partnerID=40&md5=501823ca4a3f71b048e023cc3a3f6286
Anti-biofilm efficacy of <i>Plectranthus amboinicus</i> against streptococcus pyogenes isolated from pharyngitis patients	Manimekalai K., Srinivasan P., Dineshbabu J., Guna G., Teepica Priya Darsini D.	Department of Biotechnology	Asian Journal of Pharmaceutical and Clinical Research	2016	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969213532&partnerID=40&md5=a1754fd8322e75c05f80ac7093f99c4e
Application of multifactorial experimental design for optimization of prodigiosin production using <i>Serratia marcescens</i> MB801, MB802 and MB805	Pradeep B.V., Akilandeswari P., Usha Rani V., Palaniswamy M.	Department of Microbiology	Asian Journal of Pharmaceutical and Clinical Research	2016	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960103383&partnerID=40&md5=22decca309b7bb08ec54e5cb75330f
Docking studies in target proteins involved in antibacterial action mechanisms: Alkaloids isolated from scutellaria genus	Sri Dharani R., Ranjitha R., Sripathi R., Ali Muhammad K.S., Ravi S.	Department of Chemistry	Asian Journal of Pharmaceutical and Clinical Research	2016	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962033733&doi=10.1007%2Fs00339-016-9980-3&partnerID=40&md5=b7f56d298db37db09db58bf39e1d1935
In vitro antibiofilm activity of <i>Gymnema sylvestre</i> extract against biofilm forming <i>Streptococcus pyogenes</i> from upper respiratory tract	Dineshbabu J., Srinivasan P., Manimekalai K., Teepica Priya Darsini D.	Department of Biotechnology	Asian Journal of Pharmaceutical and Clinical Research	2016	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8507614113&doi=10.22159%2Fajpcr.2016.v9i3.148478&partnerID=40&md5=501823ca4a3f71b048e023cc3a3f6286
Isolation and identification of <i>Chromobacterium</i> SP. From different ecosystems	Vishnu T.S., Palaniswamy M.	Department of Microbiology	Asian Journal of Pharmaceutical and Clinical Research	2016	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960103383&partnerID=40&md5=22decca309b7bb08ec54e5cb75330f
Quantitative phytochemical analysis, in vitro antioxidant potential and gas chromatography-mass spectrometry studies in ethanolic extract of <i>Azolla microphylla</i>	Bhaskaran S.K., Sundaram S., Gopalakrishnan V.K., Kannappan P.	Department of Biochemistry	Asian Journal of Pharmaceutical and Clinical Research	2016	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962033733&doi=10.1007%2Fs00339-016-9980-3&partnerID=40&md5=b7f56d298db37db09db58bf39e1d1935
Synthesis, anticancer activity, molecular docking, and absorption, distribution, metabolism, and excretion toxicity studies of novel benzothiazines	Jayapriya M., Muhammad S.A., Ravi S.	Department of Chemistry	Asian Journal of Pharmaceutical and Clinical Research	2016	9742441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017827448&partnerID=40&md5=66a88c527846f3a9f0e624cdd62a745
Formulation and development of colon specific multiparticulate system of capectabine	Dilip N.T., Ganapathy R.S.	Department of Pharmacy	Asian Journal of Pharmaceutics	2016	9738398	

Palladium-Catalyzed Suzuki Cross-Coupling of 2-Halo-Deazapurines with Potassium Organotrifluoroborate Salts in the Regioselective Synthesis of Imidazo[4,5-b]pyridine Analogues	Savitha, Bhaskaran; Sajith, Ayyilath. M.; Joy, M. Nibin; Khader, K. K. Abdul; Muralidharan, A.; Padusha, M. Syed Ali; Bodke, Yadav D.	Karpagam Academy of Higher Education	AUSTRALIAN JOURNAL OF CHEMISTRY	2016	49425	https://www.scopus.com/record/display.uri?eid=2-s2.0-84974604588&origin=resultslist&sort=plf-f&ccs=s&st1=s&st2=s&id=ebc20541020c69a9980b11ef424b63e&ot=b&dt=b&sl=191&s=TITLE-ABS-KEY+%28Palladium-Catalyzed+Suzuki+Cross-Coupling+of+2-Halo-Deazapurines+with+Potassium+Organotrifluoroborate+Salts+in+the+Regioselective+Synthesis+of+imidazo[4,5-b]pyridine+Analogues%29&relpos=0&citeCnt=8&searchTerm=
Analysis of different infiltration effect for selective laser sintering process through Taguchi method	Vennilaa D.B., Karuppusami G., Senthil P.	Department of Mechanical Engineering	Australian Journal of Mechanical Engineering	2016	14484846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981484251&doi=10.1080%2F14484846.2015.1093255&partnerID=40&md5=fba136e7bb6764768a84cc3d695b8836
Investigation on the effect of turning operation on surface roughness of hardened C45 carbon steel	Selvam M.D., Senthil P.	Department of Mechanical Engineering	Australian Journal of Mechanical Engineering	2016	14484846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982291463&doi=10.1080%2F14484846.2015.1093257&partnerID=40&md5=57c5bdc5764d6d628ab6fe5875ab2c5
Assessment of dual inhibitory activity of epiriedelanol isolated from Cayratia trifolia against ovarian cancer	Perumal P.C., Sowmya S., Velmurugan D., Sivaraman T., Gopalakrishnan V.K.	Department of Biochemistry	Bangladesh Journal of Pharmacology	2016	1991007X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992396706&doi=10.3329%2Fbjp.v1i12.24933&partnerID=40&md5=064ef4511c28636f441b5a47bd72abe
Phytochemical investigation and in vitro antimicrobial activity of <i>Richardia scabra</i>	Poonkodi K., Ravi S.	Department of Chemistry	Bangladesh Journal of Pharmacology	2016	1991007X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962595634&doi=10.3329%2Fbjp.v1i12.24666&partnerID=40&md5=516cf35bc644f0e65df5ec7e68601b8
Photocatalytic potential of ZnO/TiO ₂ : A bionanocomposite from <i>Ocimum basilicum</i>	Salam H.A., Sivaraj R., Murugesan K., Rajendran V.	Department of Biotechnology	Bioinspired, Biomimetic and Nanobiomaterials	2016	20459858	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014405553&doi=10.1680%2Fbjb.16.00003&partnerID=40&md5=9fd725ee4d767e234c746d00663646f3
Intelligent web inference model based facial micro emotion detection for media store playback using artificial feed forward neural network and facial coordinate matrix.	Ashok Krishna E.M., Dinakaran K.	Department of Computer Science and Engineering	Biomedical Research (India)	2016	0970938X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010009387&partnerID=40&md5=71d887063d6a8566d344d808d269fb77
Intelligent web inference model based facial micro emotion detection for media store playback using artificial feed forward neural network and facial coordinate matrix	Krishna, Ashok E. M.; Dinakaran, K.	Karpagam Academy of Higher Education	BIOMEDICAL RESEARCH-INDIA	2016		https://mj.clarivate.com/search-results?issn=0970-938X
Interferon beta improves the efficacy of low dose cisplatin by inhibiting NF-kappa B/p-Akt signaling on HeLa cells	Ethiraj, Purushoth; Veerappan, Karpagam; Samuel, Shila; Sivapatham, Sundaresan	Karpagam Academy of Higher Education	BIOMEDICINE & PHARMACOTHERAPY	2016	7533322	https://www.scopus.com/record/display.uri?eid=2-s2.0-84965053782&origin=resultslist&sort=plf-f&ccs=s&st1=s&st2=s&id=ebc89214a722a3545d902179d2a35&ot=b&dt=b&sl=130&s=TITLE-ABS-KEY+%28Interferon+beta+improves+the+efficacy+of+low+dose+cisplatin+by+inhibiting+NF-kappa+B%2Fp-Akt+signaling+on+HeLa+cells%29&relpos=0&citeCnt=11&searchTerm=
Cissus quadrangularis prevented the ovarioectomy induced oxidative stress in the femur of adult albino rats	Muthusami S., Gopalakrishnan V., Stanley J.A., Krishnamoorthy S., Ilangoan R., Gopalakrishnan V.K., Srinivasan N.	Department of Biochemistry	Biomedicine and Pharmacotherapy	2016	7533322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964545707&doi=10.1016%2Fbiopha.2016.04.021&partnerID=40&md5=4e8d288914e59dbd4732ca629db77477
Computer-aided design of negative allosteric modulators of metabotropic glutamate receptor 5 (mGluR5): Comparative molecular field analysis of aryl ether derivatives	Selvam C., Thilagavathi R., Narasimhan B., Kumar P., Jordan B.C., Ranganna K.	Department of Biotechnology, FOE	Bioorganic and Medicinal Chemistry Letters	2016	0960894X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012861630&doi=10.1016%2Fbmcl.2016.01.051&partnerID=40&md5=1141433c92c984184908c0878e8965f
Biogenic ZnO nanoparticles synthesized using <i>L. aculeata</i> leaf extract and~ their antifungal activity against plant fungal pathogens	Narendhran S., Sivaraj R.	Department of Biotechnology	Bulletin of Materials Science	2016	2504707	https://www.scopus.com/record/display.uri?eid=2-s2.0-84959271353&origin=resultslist&sort=plf-f&ccs=s&st1=s&st2=s&id=3a18c7128a1d741fae35e12c603ac7d1&ot=b&dt=b&sl=147&s=TITLE-ABS-KEY+%28Biogenic+ZnO+nanoparticles+synthesized+using+L.+aculeata+leaf+extract+and%7Etheir+antifungal+activity+against+plant+fungal+pathogens%29&relpos=0&citeCnt=25&searchTerm=
Biogenic ZnO nanoparticles synthesized using <i>L.aculeata</i> leaf extract and their antifungal activity against plant fungal pathogens	Narendhran, S.; Sivaraj, Rajeshwari	Karpagam Academy of Higher Education	BULLETIN OF MATERIALS SCIENCE	2016	2504707	https://www.scopus.com/record/display.uri?eid=2-s2.0-84959271353&origin=resultslist&sort=plf-f&ccs=s&st1=s&st2=s&id=fef6d10511cfd55b5dc6d02c77608c7b&ot=b&dt=b&sl=145&s=TITLE-ABS-KEY+%28Biogenic+ZnO+nanoparticles+synthesized+using+L.+aculeata+leaf+extract+and+their+antifungal+activity+against+plant+fungal+pathogens%29&relpos=0&citeCnt=25&searchTerm=
Potentiating effect of ecofriendly synthesis of copper oxide nanoparticles using brown alga: Antimicrobial and anticancer activities	Ramaswamy S.V.P., Narendhran S., Sivaraj R.	Department of Biotechnology	Bulletin of Materials Science	2016	2504707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964907030&doi=10.1007%2Fs12034-016-1172-3&partnerID=40&md5=64dcf396a035e3914c4542dc38c3d
Synthesis and characterization of Eichhornia-mediated copper oxide nanoparticles and assessing their antifungal activity against plant pathogens	Vanathi P., Rajiv P., Sivaraj R.	Department of Biotechnology	Bulletin of Materials Science	2016	2504707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988378474&doi=10.1007%2Fs12034-016-1276-x&partnerID=40&md5=0390f44ae1e1b24e78b79cc04a766a7a
Toxicity of ZnO nanoparticles on germinating <i>Sesamum indicum</i> (Co-1) and their antibacterial activity	Narendhran S., Rajiv P., Sivaraj R.	Department of Biotechnology	Bulletin of Materials Science	2016	2504707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964854046&doi=10.1007%2Fs12034-016-1172-3&partnerID=40&md5=b4bc012caac2e4a4d05f51d3bf8619a
Experimental wear behaviour of cryogenically treated aluminium 6063 and 8011 materials	Padmanabhan K.K., Bharathbalaji R.	Department of Automobile Engineering	Carbon - Science and Technology	2016	9740546	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010749664&partnerID=40&md5=081399f645ab110e32d360a7b595971
Evaluation of in vitro enzymatic and non-enzymatic antioxidant properties of leaf extract from <i>Alpinia purpurata</i> (Vieill.) K. Schum.	Raj C.A., Ragavendran P., Sophia D., Starlin T., Rathi M.A., Gopalakrishnan V.K.	Department of Biochemistry	Chinese Journal of Integrative Medicine	2016	16720415	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987607129&doi=10.1007%2Fs11655-014-1762-1&partnerID=40&md5=810888d79f8e86ddde358c3c68264204
Influence of plasma treatment and weave structure on comfort properties of Bamboo/Cotton Fabrics	Jothilinkam M.D., Ramachandran T., Ramakrishnan G.	Department of Mechanical Engineering	Colourage	2016	101826	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019662475&partnerID=40&md5=b2a460b78a42497274f0b17b1538ef7
Preface	Subramanian S., Nadarajan R., Rao S., Sheen S.	Department of Electronics and Communication Engineering	Communications in Computer and Information Science	2016	18650929	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006014371&partnerID=40&md5=d4430ddfd5d057b487e55261a19987e
Review of life cycle assessment on consumer electronic products: Developments and the way ahead	Subramanian, Karpagam; Yung, Winco K. C.	Karpagam Academy of Higher Education	CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY	2016	10643389	https://www.scopus.com/record/display.uri?eid=2-s2.0-8499566035&origin=resultslist&sort=plf-f&ccs=s&st1=s&st2=s&id=7d7c807a5c0e18311c6d465f62b136&ot=b&dt=b&sl=111&s=TITLE-ABS-KEY+%28Review+of+life+cycle+assessment+on+consumer+electronic+products%3A+Developments+and+the+way+ahead%29&relpos=0&citeCnt=7&searchTerm=
In vitro anti-urolithiasis potentials of argemone <i>Mexicana</i> L. Leaves	Chiliverry R.K., Alagar S., Darsini T.P.	Department of Biotechnology	Current Clinical Pharmacology	2016	15748847	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006918706&doi=10.2174%2F15748847116661610101436498&partnerID=40&md5=b05f60806527e2bb395fd5e10aa46e6

Anti-diabetic activity of Cassia auriculata flowers in α -amylase inhibition and glucose uptake by isolated rat hemi-diaphragm	Muthukumar A., Mohan S., Sundharaganapathy R., Nagaraja Perumal G.	Department of Pharmacy	Der Pharmacia Lett	2016	9755071	https://www.scopus.com/record/display.uri?eid=2-s2.0-84991790906&origin=resultslist&sort=plf-f&ccs=s&st1=&st2=&id=72987250aa72208d98c30821605174b&ot=b&dt=b&id=142&a=TITLE-ABS-KEY+%28anti-diabetic+activity+of+Cassia+auriculata+flowers+in+%2C%28+amylase+inhibition+and+glucose+uptake+by+isolated+rat+hemi-diaphragm%29&relpos=0&citeCnt=0&searchTerms=
Bis (3-methoxy-4-hydroxybenzaldehyde-2,4,6-trinitrophenol) organic co-crystal: Synthesis and physico-chemical properties	Sudhasana N., Krishnakumar V., Nagalakshmi R.	Department of Physics	European Physical Journal Plus	2016	21905444	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989321796&doi=10.1140%2Fepjp%2F2016-16348-3&partnerID=40&md5=6e88cf5a9d95607cde0d98b2616145a3
Sequence variation in SIMYB12 is associated with fruit peel color in pink tomato cultivars	Veerappan, Karpagam; Jung, Hee Jeong; Hwang, Indeok; Kho, Kang Hee; Chung, Mi Young; Nou, III Sup	Karpagam Academy of Higher Education	HORTICULTURE ENVIRONMENT AND BIOTECHNOLOGY	2016	22113452	https://www.scopus.com/record/display.uri?eid=2-s2.0-84978032315&origin=resultslist&sort=plf-f&ccs=s&st1=&st2=&id=72994df69743e3440cc280f9d90d0&ot=b&dt=b&id=106&s=TITLE-ABS-KEY+%28sequence+variation+in+SIMYB12+is+associated+with+fruit+peel+color+in+pink+tomato+cultivars%29&relpos=0&citeCnt=8&searchTerms=
EEG based hearing states detection using AR modeling techniques	Subramaniam K., Paulraj M.P., Divya B.S.	Department of Physics	IECBES 2016 - IEEE-EMBS Conference on Biomedical Engineering and Sciences	2016		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015630501&doi=10.1109%2FIECBES.2016.7843504&partnerID=40&md5=ce9a8ce291de07bb94ccce4eeafb7c65
HEp-2 cell classification using binary decision tree approach	Divya B.S., Subramaniam K., Nanjundaswamy H.R.	Department of Physics	IECBES 2016 - IEEE-EMBS Conference on Biomedical Engineering and Sciences	2016		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015702941&doi=10.1109%2FIECBES.2016.7843503&partnerID=40&md5=32a5ed1524211c8aeddaa49d51197ff
Coverage improvement using mdbps for wireless sensor deployment	Laturkar A.P., Bhavani S.	Department of Electronics and Communication Engineering	IET Conference Publications	2016		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047900439&partnerID=40&md5=bcb83c8088188
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Optimum controlling of the saue-qui-peut energy using the CAFA technique	Rajeswari S., Hemalatha	Department of Computer Science	IIOAB Journal	2016	9763104	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019517875&partnerID=40&md5=c6415e4db7d6f39c9887842ef21ed65
Significance of data mining techniques in disease diagnosis and biomedical research – A survey	Lakshminpathy T., Ranganathan G.	Department of Computer Science	IIOAB Journal	2016	9763104	https://www.scopus.com/record/display.uri?eid=2-s2.0-84997079188&origin=resultslist&sort=plf-f&ccs=s&st1=&st2=&id=7797830c9f56d5d1f054f1c47259278&ot=b&dt=b&id=110&s=TITLE-ABS-KEY+%28significance+of+data+mining+techniques+in+disease+diagnosis+and+biomedical+research+%2C%28+survey%29&relpos=1&citeCnt=3&searchTerms=
A systematic investigation of structural, optical and magnetic properties of pristine BaFe ₂ O ₄ , Mg and Mg, Cs co-doped in BaFe ₂ -xMn _{0.4} and Ba _{1-x} Cs _x Fe _{2-y} Mg _y O ₄ spinel nanoferrites	Kanaraj M., Phebe Kokila I., Subbulakshmi N., Sathish Kumar P., Leo Rajesh A., Arumugam S.	Department of Physics	Indian Journal of Pure and Applied Physics	2016	195596	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991075538&partnerID=40&md5=3722c3c82c9589
A novel paradigm to eliminate timing violations using AHL	Navaneethakrishnan R., Rekha S., Bhavani S.	Department of Electronics and Communication Engineering	Indian Journal of Traditional Knowledge	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002410826&doi=10.17485%2Fijst%2F2016%2Fv9i4%2F105328&partnerID=40&md5=542a9f52ee7de8c4f945f96d8d361e28
A novel VLSI based Radix-2 Single path Delay Commutator (R2SDC) FFT architecture design	Malathy K., Justus Rabi B.	Department of Electronics and Communication Engineering	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962809907&doi=10.17485%2Fijst%2F2016%2Fv9i11%2F82298&partnerID=40&md5=7deea4c9234179b7f9404747af04edcb
A secure authentication infrastructure for IoT enabled smart mobile devices - an initial prototype	Rafidha Rehiman K.A., Veni S.	Department of Computer Science	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962137573&doi=10.17485%2Fijst%2F2016%2Fv9i9%2F86791&partnerID=40&md5=e1e045bcad3f3b42b6b77915669f684fc
An efficient clustering approach using hybrid swarm intelligence based Artificial Bee Colony- Firefly Algorithm	Karthikeyan S., Thomson Fredrik E.J.	Department of Computer Science	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995475526&doi=10.17485%2Fijst%2F2016%2Fv9i39%2F95169&partnerID=40&md5=bc9c5251154c76db5329b32e2990d
An efficient misclassification cost concerned imbalanced class handling to improve the financial fraud detection scheme	Gayathri C., Umarani R.	Department of Computer Science	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974602813&doi=10.17485%2Fijst%2F2016%2Fv9i20%2F84671&partnerID=40&md5=ecb3f7b6e723eeb15d6b9deb1383fd
An intelligent technique based MRPID controller for controlling the speed of an IPMSM drive system	Aruna R., Sairabanu S.	Department of Electronics and Communication Engineering	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984607953&doi=10.17485%2Fijst%2F2016%2Fv9i30%2F94554&partnerID=40&md5=cabaa76987168d76415732ae455e82ea
Bayesian correlated equilibrium based IDS for MANET	Sampath S., Edwin Robert A.	Department of Computer Science	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995731228&doi=10.17485%2Fijst%2F2016%2Fv9i41%2F102395&partnerID=40&md5=560a1033ed5c46697cbbda6c1957be6
Characterization of water-deficit stress-responsive R2R3-MYB transcription factor gene, ScMYB50/23 from sugarcane	Sadasivam B., Gajjaraman P.	Department of Biotechnology	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8501075565&doi=10.17485%2Fijst%2F2016%2Fv9i37
Conceptual improvisation on low power mitigation for domino logic systems using CHSK domino logic	Muralidharan J., Manimegalai P.	Department of Electronics and Communication Engineering	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968813717&doi=10.17485%2Fijst%2F2016%2Fv9i16%2F87676&partnerID=40&md5=460c956b1c2ac2224e8b26048ac83f21
Curvelet based seed point segmentation for abnormality detection in fetus us images	Sheeja S., Lavanya V.S.	Department of Computer Application	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007572052&doi=10.17485%2Fijst%2F2016%2Fv9i46%2F1104298&partnerID=40&md5=e0452a29c68498aa5a85d9a105886ebc
Design and implementation of modified Russian Peasant Multiplier using MSQRTCLA based fir filter	Kumar C.U., Rabi B.J.	Department of Computer Application	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961778149&doi=10.17485%2Fijst%2F2016%2Fv9i07%2F82311&partnerID=40&md5=6b138eb768c8344012ad817607aba0ca
Efficient hardware architecture of EEG analyzer for determining the depressive disorders	Kalvikkarasi S., Sairabanu S.	Department of Electronics and Communication Engineering	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8498350445&doi=10.17485%2Fijst%2F2016%2Fv9i29
Gravitational bee search algorithm with fuzzy logic for effective test suite minimization and prioritization	Srividhya J., Gunasundari R.	Department of Computer Science	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995633279&doi=10.17485%2Fijst%2F2016%2Fv9i40%2F99314&partnerID=40&md5=8590738a1a597c589b43d5e1a768e633
Green database design model in software development life cycle phase	Mohankumar M., Anand Kumar M.	Department of Computer Science	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8498463342&doi=10.17485%2Fijst%2F2016%2Fv9i30%2F93118&partnerID=40&md5=68533bb254d8394613642ac7d8ef019
Hybrid of statistical and spectral texture features for vehicle object classification system	Jayadurga R., Gunasundari R.	Department of Computer Science	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006700590&doi=10.17485%2Fijst%2F2016%2Fv9i27%2F90832&partnerID=40&md5=a9b3496ce8253d13f1dcf2174dd436a8

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Molecular cloning and expression analysis of MYB-related transcription factor gene, ScMYB76 from sugarcane (Saccharum Hybrid)	Balakrishnan H., Gajjeraman P., Pattiwala Y.U.	Department of Biotechnology	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-i2.0-85010737601&doi=10.17485%2Fijst%2F2016%2Fv9i37%2F193672&partnerId=40&md5=ddaf5272af444464a4cb453fa540b7a08
Multi user profile orient access control based integrity management for security management in data warehouse	Thangaraju G., Agnise Kala Rani X.	Department of Computer Science	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-i2.0-84977491809&doi=10.17485%2Fijst%2F2016%2Fv9i22%2F60927&partnerId=40&md5=a149fe7736003ae73c5249400ca3ed47
Securing cloud data in transit using data masking technique in cloud enabled multi tenant software service	Selvakumar S., Mohanapriya M.	Department of Computer Science and Engineering	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-i2.0-84974529313&doi=10.17485%2Fijst%2F2016%2Fv9i13%2F189782&partnerId=40&md5=0ab3382938e07a5faa27aa8daf517ad2
Social ant based sensitive item hiding with optimal side effects for data publishing	Tamil Selvan P., Veni S.	Department of Computer Science	Indian Journal of Science and Technology	2016	9746846	https://www.scopus.com/inward/record.uri?eid=2-i2.0-84958212733&doi=10.17485%2Fijst%2F2016%2Fv9i2%2F81152&partnerId=40&md5=1b2242420573e7be60c8a15f5c5edf89
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Computer aided medical decision support: A case study on severity prediction of toxic epidermal necrolysis	Manjusha K.S., Sankaranaryan K., Seena P.	Department of Computer Science	International Journal of Applied Engineering Research	2016	9734562	https://www.scopus.com/inward/record.uri?eid=2-i2.0-84959370328&partnerId=40&md5=9c207ab57076c764c9b93457af54cdf
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Dynamic selection of robust features for tampering detection based on surf	Sareena, Sundaram V.	Department of Computer Science	International Journal of Applied Engineering Research	2016	9734562	https://www.scopus.com/inward/record.uri?eid=2-i2.0-84964034382&partnerId=40&md5=042e26280886b07bc61caec8c74af417
Efficient fault detection model design "hamming SEC-DAED-TAED-TETRA AED" based AES encryption and decryption	Vaidehi M., Justus Rabi B.	Department of Computer Science	International Journal of Applied Engineering Research	2016	9734562	https://www.scopus.com/record/display.uri?eid=2-i2.0-84966326658&origin=resultslist&sort=plf:file&scs=&st1=&st2=&sid=944cafeae06e798e17ee5b892650a8&sort-b&sd-b&sl=124&sc=TITLE-ABS-KEY+%28Efficient+fault+detection+model+design+%2F20809&ch=hamming+SEC-DAED-TAED-TETRA-AED%2F20809&sd-based=AES+encryption+and+decryption%2F98&relco=-0&citeCnt=0&searchTerm=
Elman neural network mortality predictor for prediction of mortality due to pollution	Sundaram N.M., Sivanandam S.N., Subha R.	Department of Computer Science and Engineering	International Journal of Applied Engineering Research	2016	9734562	https://www.scopus.com/inward/record.uri?eid=2-i2.0-84991288315&partnerId=40&md5=ac9b1a06687984d6658c953273d2673
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Energy and latency aware position based packet forwarding protocol for wireless sensor networks	Gopinathan R., Manimegalai P.	Department of Electronics and Communication Engineering	International Journal of Applied Engineering Research	2016	9734562	https://www.scopus.com/inward/record.uri?eid=2-i2.0-84987803560&partnerId=40&md5=96c5408ad66b64a48686fcbae4c32d8
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Influence of heat treatment on fatigue behavior of aluminum silicon carbide graphite hybrid composite	Hegde R., Ajaykumar B.S., Kirthan L.J., Girish V.A.	Department of Mechanical Engineering	International Journal of Applied Engineering Research	2016	9734562	https://www.scopus.com/inward/record.uri?eid=2-i2.0-84963690311&partnerId=40&md5=a42845a195cf7519d019cdaa8d443a
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Optimization for a novel single switch resonant power converter using GA to improve MPPT efficiency of PV applications	Siva Ram Kumar M., Amudha A., Rajeev R.	Department of Electrical and Electronics Engineering	International Journal of Applied Engineering Research	2016	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026757224&partnerID=40&md5=550dd2d6b203fee7964be5f73d842
Performance analysis of timeline algorithm against CONS, PBS_PRO and BestGap in grid environment using alea	Bimal V.O., Kumar M.A.	Department of Computer Science	International Journal of Applied Engineering Research	2016	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966349271&partnerID=40&md5=8a57cb5600b618db26de3df8e1592fe
Semantically document clustering using contextual similarities	Nagaraj R., Agnise Kalarani X.	Department of Computer Science	International Journal of Applied Engineering Research	2016	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-849539344901&partnerID=40&md5=65b88dfb10d0e8f076cb23ed3209fc
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Study on implementation of Lean manufacturing tools and techniques	Yogesh M., Prabakaran S.	Department of Mechanical Engineering	International Journal of Applied Engineering Research	2016	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963998002&partnerID=40&md5=02307654736234da6d9d313e67c99d65
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Container traffic projections using ahp model in selecting regional transshipment hubs	Ravichandran M., Suji D.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2016	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995366758&partnerID=40&md5=d4b993fe8084a059424d12d4d830cb9
Effect of random inclusion of bamboo fibers on strength behaviour of flyash treated black cotton soil	Paul J.V., Sneha A.R.M.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2016	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995528734&partnerID=40&md5=5e08024c5227201d1405b160b78af34
Experimental investigation on behaviour of nano concrete	Sakthivel R., Balasundaram N.	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2016	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995514202&partnerID=40&md5=2f58f97de9ac5a0bc9e83962a8da273
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Optimization of day lighting towards in green building concepts	Srinivasan B., Ganeswaran	Department of Civil Engineering	International Journal of Civil Engineering and Technology	2016	9766308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995608854&partnerID=40&md5=3fcaaff8655032612dc8a347462428f8
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Forecasting Gold Prices Based on Extreme Learning Machine	Chandar, S. Kumar; Sumathi, M.; Sivanadam, S. N.	Karpagam Academy of Higher Education	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	2016	18419836	https://www.scopus.com/record/display.uri?eid=2-s2.0-84962439513&origin=resultslist&sort=pdf-f&src=&st1=&st2=&sid=f61d291e0f7b494c4ae74f2af659c28&ot=b&id=b&sl=73&st=TITLE-ABS-KEY+%28forecasting+Gold+Prices+Based+on+Extreme+Learning+Machine%29&elpos=3&ctet=nt+17&searchTerm=
A novelQR-code authentication protocol using visual cryptography for secure communications	John Blesswin A., Genitha A., Selvamary G.	Department of Computer Science and Engineering	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975166350&partnerID=40&md5=8d88297f99950b9e691460fa7e464a2
A review on deep learning algorithms for speech and facial emotion recognition	Charlyn Pushpa Latha G., Mohana Priya M.	Department of Electrical and Electronics Engineering	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013408582&partnerID=40&md5=570c4282b6e883f887e476600b977cd
A survey on some converters and inverters used in Nanogrid	Chembukavu J., Poorani S.	Department of Electrical and Electronics Engineering	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007079681&partnerID=40&md5=7e9b68f186bc59afae02725adefdee78
Automated guided robo for pick and place applications (mobile robo)	Poorani S., Sudhakaran P.	Department of Electronics and Communication Engineering	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007422392&partnerID=40&md5=d5ed8afe566ff1bcca6f3f71f01a8780
Block-based diagonal hashing scheme with one step verification for efficient public auditing and data management of cloud resources	Joseph Michael Jerard V., Manimegalai Vairavan P.	Department of Electronics and Communication Engineering	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020551108&partnerID=40&md5=f13530b78e695156d78cc1df298ca231
Cross layer based adaptive routing approach for VANET	Krishnakumar K.G., Mukunthan B.	Department of Computer Science	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010774797&partnerID=40&md5=942c7ea439dede6a2a88b10297ca976d9
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EOG signal classification using neural network for human computer interaction	Ramkumar S., Sathesh Kumar K., Emayavaraman G.	Department of Computer Science	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013219029&partnerID=40&md5=662ed14a545445692cb105c2ddf18c8
Flow-based mitigation for manet routing attacks detection using time-variant snapshot	Vignesh M., Tholkappia Arasu G.	Department of Computer Science	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020534172&partnerID=40&md5=2c39176d3ec3a29984da7b54b913294
Optimal clustering approach of multi-objective scatter search simulated annealing with hierarchical agglomerative clustering for clustering problems	Karthikeyan S., Thomson Fredrik E.J.	Department of Computer Science	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020502458&partnerID=40&md5=b5f2f2915de437575ee3398978f0ae03
Optimized Method using Pre-Handler, Clustering and SKNN Imputation (OPCS) for handling missing value	Kavitha S., Hemalatha M.	Department of Electrical and Electronics Engineering	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966372657&partnerID=40&md5=38ac42d86678a44d0fe9dc57c7b6fd
Recognition of sEMG for prosthetic control using static and dynamic neural networks	Emayavaraman G., Amudha A.	Department of Electrical and Electronics Engineering	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013080637&partnerID=40&md5=194ae330a410b77d5748251bc58dc221
Reduce carbon emission and economic cost in thermal power plant using green sigma steps in different optimization techniques and compare their results to determine best optimal solution	Devibala B., Padmanabhan K.K.	Department of Mechanical Engineering	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013104675&partnerID=40&md5=c9bc2147956ae344517349d94ed16403
Security enhancement in EQ-LEACH routing protocol	Deepa S., Subramaniam K., Sridhar K.P., Marimuthu C.N.	Department of Electronics and Communication Engineering	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007039104&partnerID=40&md5=9923c3811a50456ee9b91059815724c
Survey on analysing the cloud security discrepancies with performance measures	Balamanigandan R., Krishnamoorthy K., Uthaya Kumar M.	Department of Computer Science and Engineering	International Journal of Control Theory and Applications	2016	9745572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001920136&partnerID=40&md5=05fb129d6ef91d3f431a8b9a0141a6d3

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Electroanalysis of ibuprofen on conducting polyaniline nanofiber coated glassy carbon surface	Suresh E., Sundaram K., Kavitha B., Senthil Kumar N.	Department of Chemistry	International Journal of Current Pharmaceutical Research	2016	9757066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018200358&doi=10.22159/2IJCPR.2016v8i4.15276&partnerID=40&md5=df7ea3a70f852d26bde12c1e332ccea
Docking, synthesis, characterization and anticancer activity of 4-(4'-hydroxy, 3'-methoxy) phenyl, but-2-one-3-ene, a curcumin analogue precursor	Karpakavalli M., Kumar P., Sanglimuthu A., Kumar E.P.	Department of Biotechnology	International Journal of Current Pharmaceutical Review and Research	2016	0976822X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018209008&partnerID=40&md5=004b4721857f39db5ff744306cc81320
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Mutational Analysis in Dystrophin Gene with Dystrophinopathy: A Novel Familial Case Report in Tamil Nadu	Balachandar, V.; Ramkumar, S.; Maheswari, Uma; Gomathi, M.; Laleethambika, N.; Srija, B.; Suguna, T.; Geetha, B.; Sasikala, K.	Karpagam Academy of Higher Education	INTERNATIONAL JOURNAL OF HUMAN GENETICS	2016	9723757	https://www.scopus.com/record/display.uri?eid=2-s2.0-84993965058&origin=resultslist&sort=plf-f&ccs=s&st1=b&st2=b&id=077515f3d3990836e&sdcl10e0cD04e&sort=b&sdcl=b&id=120&ui=TITLE-ABS-KEY+%28Mutational+Analysis+in+Dystrophin+Gene+with+Dystrophinopathy%3a+A+Novel+Familial+Case+Report+in+Tamil+Nadu%29&relpos=0&citeCnt=2&searchTerm=
Screening of Genetic Mutations in Early Onset Parkinsonism Patients: A Family Based Study in Tamil Nadu Population	Dhivya, V.; Ramkumar, S.; Illakiyapavai, D.; Sangeetha, M.; Ganesan, S.; Devi, S. Mohana; Sasikala, K.; Balachandar, V.	Karpagam Academy of Higher Education	INTERNATIONAL JOURNAL OF HUMAN GENETICS	2016		https://www.scopus.com/record/display.uri?eid=2-s2.0-84993965058&origin=resultslist&sort=plf-f&ccs=s&st1=b&st2=b&id=077515f3d3990836e&sdcl10e0cD04e&sort=b&sdcl=b&id=120&ui=TITLE-ABS-KEY+%28Screening+of+Genetic+Mutations+in+Early+Onset+Parkinsonism+Patients%3a+A+Family+Based+Study+in+Tamil+Nadu+Population%29&relpos=0&citeCnt=2&searchTerm=
A multi-wavelet neural network particle swarm optimization based MRPID of interior permanent magnet synchronous motor drives	Rajamanickam A., Mohideen S.S.	Department of Computer Science	International Journal of Intelligent Engineering and Systems	2016	2185310X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989603848&doi=10.22266/2IJIIEE2016.0930.06&partnerID=40&md5=88a8d184771f3444c3e06458d181c7d
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Antimicrobial and antipalmsid activities of Morus Alba L. against potent oral pathogens	Smitha C., Usha R.	Department of Microbiology	International Journal of Pharma and Bio Sciences	2016	9756299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053169267&partnerID=40&md5=f4e703e90065ac098ab089234aebb3d0
Hydroxy apatite - alginate dental composite loaded with Myristica fragrans and Syzygium aromaticum extracts for the management of dental caries	Smitha C., Usha R.	Department of Microbiology	International Journal of Pharma and Bio Sciences	2016	9756299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053169257&partnerID=40&md5=08f41cd133bf6e3ab9f120169d7f92d
Molecular diagnosis of drug resistance tuberculosis in the Districts Of Tamilnadu	Sureshbabu R., Lakshmi Murali A., Palaniswamy M.	Department of Microbiology	International Journal of Pharma and Bio Sciences	2016	9756299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-850669411048&partnerID=40&md5=0d8a39daa9c9c27dec365092f32519a
Antioxidant, cytotoxic and apoptotic activities of crude extract of <i>Alpinia purpurata</i> on cervical cancer cell line	Oirere E.K., Anusooriya P., Malarvizi D., Raj C.A., Gopalakrishnan V.K.	Department of Bioinformatics	International Journal of Pharmaceutical Sciences Review and Research	2016	0976044X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959345848&partnerID=40&md5=327cd3bb29e2757688d41cb7febff6
Conversion of lignocellulosic wastes to sustainable energy using <i>saccharomyces cerevisiae</i> and <i>Zymomonas mobilis</i>	Patrick N.M., Palaniswamy M.	Department of Microbiology	International Journal of Pharmaceutical Sciences Review and Research	2016	0976044X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989359977&partnerID=40&md5=8ae99e2831573ee13b810bec4fafaafc
Development and evaluation of anti cancer activity of phytosome formulated from the root extract of clerodendron infortunatum linn.	Sundaraganapathy, Leena P.N.	Department of Pharmacy	International Journal of Pharmaceutical Sciences Review and Research	2016	0976044X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018211607&partnerID=40&md5=2a6a0c40c7590ab5fc385395a0de9471
Screening of the antioxidant potential of the leaves and flowers extract of <i>Erythrina variegata L.</i> : A comparative study	Hemmalakshmi S., Priyanga S., Vidya B., Gopalakrishnan V.K., Devaki K.	Department of Biochemistry	International Journal of Pharmaceutical Sciences Review and Research	2016	0976044X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994155240&partnerID=40&md5=754d204ab9a97b9b3db1c77b05033ee5
Development and evaluation of anti-cancer activity of phytosome formulated from the root extract of <i>Clerodendron paniculatum</i> Linn	Sundaraganapathy, Leena P.N.	Department of Pharmacy	International Journal of Pharmacognosy and Phytochemical Research	2016	9754873	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989869648&partnerID=40&md5=f7c773a677cd2621164d4fa898b2d236
Dietary evaluation, antioxidant and cytotoxic activity of crude extract from chia seeds (<i>Salvia hispanica L.</i>) against human prostate cancer cell line (PC-3)	Kumar D.G., Perumal P.C., Kumar K., Muthusami S., Gopalakrishnan V.K.	Department of Biochemistry	International Journal of Pharmacognosy and Phytochemical Research	2016	9754873	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981303062&partnerID=40&md5=48cab25140e12c7ee4302d452f61a95
Isolation and characterization of compounds from fruits of <i>Ananirta coccilus</i> (Linn.)	Satya V., Paridhavi M.	Department of Biochemistry	International Journal of Pharmacognosy and Phytochemical Research	2016	9754873	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964940249&partnerID=40&md5=dc471a745ade5ca9f1ca0249a21abe89
Phytochemical screening and free radical scavenging activity of chloroform extract of <i>Sida acuta</i> Burm. F.	Muneeswari P., Deepika S., Perumal P.C., Gopalakrishnan V.K., Poornima K.	Department of Biochemistry	International Journal of Pharmacognosy and Phytochemical Research	2016	9754873	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964928026&partnerID=40&md5=101c32f34a6754c7f1a1e8764fe72012
Antidiabetic activity of <i>asystasia gangetica</i> (L.) t. anderson flower extract in streptozotocin induced diabetic rats	Kavitha S., Sivaraj R., Ravi D.	Department of Biotechnology	International Journal of Pharmacy and Pharmaceutical Sciences	2016	9751491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982712444&partnerID=40&md5=f6d12b6e43bad80679ae8819f49de17
Chromatographic and spectrophotometric analysis of bioactive compounds from <i>Cayratia trifolia</i> (L.) stem	Sowmya S., Perumal P.C., Gopalakrishnan V.K.	Department of Biotechnology	International Journal of Pharmacy and Pharmaceutical Sciences	2016	9751491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971556214&partnerID=40&md5=0a69d512677f63dc2d07050d990f132
Influence of zinc oxide nanoparticles on growth of sesamum indicum L. In zinc deficient soil	Narendhran S., Rajiv P., Sivaraj R.	Department of Biotechnology	International Journal of Pharmacy and Pharmaceutical Sciences	2016	9751491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960100377&partnerID=40&md5=ca05d4b090c82d81999af7bc85859a33
Isolation of Angiotensin-converting enzyme inhibitor producing bacteria from cow milk	Ebrahimi L., Kiran K.G., Ayub Nawaz K.A., Subashchandrabose V., Durairaju N.S., Palaniswamy M., Angayarkanni J.	Department of Biotechnology	International Journal of Pharmacy and Pharmaceutical Sciences	2016	9751491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957109419&partnerID=40&md5=55787d165be4b478239b13446d612e42
Phytochemical screening and HPTLC fingerprinting analysis of ethanolic extract of <i>erythrina variegata L.</i> Flowers	Hemmalakshmi S., Priyanga S., Devaki K.	Department of Biochemistry	International Journal of Pharmacy and Pharmaceutical Sciences	2016	9751491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960108029&partnerID=40&md5=f4d6e3ac8a6a3d4de7d1c97d021258b
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Screening and production of anticarcinogenic enzyme from <i>escherichia coli</i> CTLS20: L-asparaginase	Thandeeswaran M., Mahendran R., Kiran K.G., Ayub Nawaz K.A., Palaniswamy M., Jayaraman A.	Department of Biotechnology	International Journal of Pharmacy and Pharmaceutical Sciences	2016	9751491	https://www.scopus.com/record/display.uri?eid=2-s2.0-84960080001&origin=resultslist&sort=plf-f&ccs=s&st1=b&st2=b&id=077515f3d3990836e&sdcl10e0cD04e&sort=b&sdcl=b&id=120&ui=TITLE-ABS-KEY+%28Screening+and+production+of+anticarcinogenic+enzyme+from+escherichia+coli+CTLS20%3a+L+e2%80%93asparaginase%29&relpos=0&citeCnt=3&searchTerm=
Square wave voltammetry sensing of ibuprofen on glassy carbon electrode	Suresh E., Sundaram K., Kavitha B., Senthil Kumar N.	Department of Chemistry	International Journal of PharmTech Research	2016	9744304	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988530830&partnerID=40&md5=ed501ba03a40400626b08ebf572093da
Synergistic effect of ethno medicinal plants against biofilm forming <i>streptococcus pyogenes</i> isolated from upper respiratory tract infection	Kanagarajan M., Deivamarudachalam T.P.D., Ponnuraj S., Jagannathan D.	Department of Biotechnology	International Journal of Phytomedicine	2016	9750185	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019513713&partnerID=40&md5=4defeb7ac587621e8b5167de80e2a3d

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Experimental investigations on the performance characteristics of a modified four bladed Savonius hydro-kinetic turbine	Thiyagaraj J., Rahamathullah I., Prabu P.S.	Department of Mechanical Engineering	International Journal of Renewable Energy Research	2016	13090127	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026389177&partnerID=40&md5=754dab12ccee3178ffa39938771a2901
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Carbohydrate metabolizing enzymes activity in streptozotocin induced diabetic rats treated with aqueous extract of Erythrina variegata L. Bark	Devaki K., Hemmalakshmi S., Priyanga S.	Department of Biochemistry	International Journal of Toxicological and Pharmacological Research	2016	9755160	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981297888&partnerID=40&md5=eebed45f0a6e3f907c145947ad525389
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Synthesis and characterization of Co-doped lithium manganese oxide as a cathode material for rechargeable Li-ion battery	Sharmila S., Janarthanan B., Chandrasekaran J.	Department of Physics	Ionics	2016	9477047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8496213264&doi=10.1007%2F1581-016-1686-1&partnerID=40&md5=6a22d53b97605cc0008f87a6054653
HPTLC analysis and in vitro antioxidant activity of aqueous bark extract of Erythrina variegata L	Devaki K., Hemmalakshmi S., Priyanga S.	Department of Biochemistry	Israel Journal of Plant Sciences	2016	7929978	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8494927694&doi=10.1080%2F07929978.2015.10096508&partnerID=40&md5=23e7aa27269834499382190c8931b7f
HPTLC analysis and in vitro antioxidant activity of aqueous bark extract of Erythrina variegata L	Devaki, Kanakasabapathy; Hemmalakshmi, Subramanian; Priyanga, Suriyamoorthy	Karpagam Academy of Higher Education	ISRAEL JOURNAL OF PLANT SCIENCES	2016	7929978	https://www.scopus.com/record/display.uri?eid=2-s2.0-8494927694&origin=resultslist&sort=plf:&cc=&sl=1&sz=2&id=bd7b0ae0582023a7124dcf8168f9111&sc=ch&scd=b&scd=11&ts=TITLE-ABS-KEY%28HPTLC+analysis+and+in+vitro+antioxidant+activity+of+aqueous+bark+extract+of+Erythrina+variegata+L.%29&relpos=0&citeCnt=6&searchTerm=
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Quinazoline derivative from indigenous isolate, Nocardiosis alba inhibits human telomerase enzyme	Kiran K.G., Thandeeswaran M., Ayub Nawaz K.A., Easwaran M., Jayagopi K.K., Ebrahimi L., Palaniswamy M., Mahendran R., Angayarkanni J.	Department of Microbiology	Journal of Applied Microbiology	2016	13645072	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8499544826&doi=10.1111%2Fjam.13281&partnerID=40&md5=d1d937b08a5e1d40aecd9f90a08f626
Phytochemical analysis, anti inflammatory activity, in vitro antidiabetic activity and GC-MS profile of Erythrina variegata L. bark	Santhiya N., Priyanga S., Hemmalakshmi S., Devaki K.	Department of Biochemistry	Journal of Applied Pharmaceutical Science	2016	22313354	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991768933&doi=10.7324%2Fjaps.2016.60722&partnerID=40&md5=6e937f494d6b7efc064b3b26313a86
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Synthesis and molecular docking studies of novel phenothiazine chalcone derivatives as T3151 mutated Bcr-Abl kinase inhibitors	Kanimozhi K., Ali Muhammad K.S., Kumar R., Ravi S.	Department of Chemistry	Journal of Chemical and Pharmaceutical Sciences	2016	9742115	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8498883130&partnerID=40&md5=2d450e58047420b6f802c4cbdd5f5a1c
Synthesis, cytotoxic activity and molecular docking study of Bis-Rhodanine derivative	Harshitharaj P.K., Kumar R., Ravi S.	Department of Chemistry	Journal of Chemical and Pharmaceutical Sciences	2016	9742115	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994137906&partnerID=40&md5=74249189fcd0ae36e472c25bd65b7025
Phyto mediated biogenic synthesis of gold nanoparticles using Cerasus serrulata and its utility in detecting hydrazine, microbial activity and DFT studies	Karthik R., Chen S.-M., Elangovan A., Muthukrishnan P., Shanmugam R., Lou B.-S.	Department of Chemistry	Journal of Colloid and Interface Science	2016	219797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960929715&doi=10.1016%2Fj.jcis.2016.01.046&partnerID=40&md5=167ef74a7b87dc57c490ae08f1c0b324
Biochemical fingerprint and pharmacological applications of Barleria noctiflora L.f. leaves	Yadav S.A., Ramalingam S., Jebamalaিরaj A., Subban R., Sundaram K.M.	Department of Biotechnology	Journal of Complementary and Integrative Medicine	2016	15533840	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990882907&doi=10.1515%2Fijcm.2015.0106&partnerID=40&md5=ea26d54cccd1a24db2eed1cde12c570b
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Studies of Luminescence Performance on Carbazole Donor and Quinoline Acceptor Based Conjugated Polymer	Upadhyay, Anjali; Karpagam, S.	Karpagam Academy of Higher Education	JOURNAL OF FLUORESCENCE	2016	10530509	https://www.scopus.com/record/display.uri?eid=2-s2.0-84959560006&origin=resultslist&sort=plf:&cc=&sl=1&sz=2&id=f44f0e1e843ee35a30d6fd72b0bc77e&sc=ch&scd=b&scd=11&ts=TITLE-ABS-KEY%28Studies+of+Luminescence+Performance+on+Carbazole+Donor+and+Quinoline+Acceptor+Based+Conjugated+Polymer%29&relpos=0&citeCnt=7&searchTerm=
Synthesis and Optoelectronic Properties of Thiophene Donor and Thiazole Acceptor Based Blue Fluorescent Conjugated Oligomers	Maresh K.; Karpagam, S.	Karpagam Academy of Higher Education	JOURNAL OF FLUORESCENCE	2016	10530509	https://www.scopus.com/record/display.uri?eid=2-s2.0-84972136878&origin=resultslist&sort=plf:&cc=&sl=1&sz=2&id=f44f0e1e843ee35a30d6fd72b0bc77e&sc=ch&scd=b&scd=11&ts=TITLE-ABS-KEY%28Synthesis+and+Optoelectronic+Properties+of+Thiophene+Donor+and+Thiazole+Acceptor+Based+Blue+Fluorescent+Conjugated+Oligomers%29&relpos=0&citeCnt=15&searchTerm=
Simultaneous exploration of TBAF center dot 3H(2)O as a base as well as a solvating agent for the palladium catalyzed Suzuki cross-coupling of 4-methyl-7-nonafluorobutylsulfonfyl oxy coumarins under microwave irradiation	Joy, M. Nibin; Bodke, Yadav D.; Khader, K. K. Abdul; Sajith, Ayilyiyath M.; Venkatesh, Talavara; Kumar, A. K. Ajeesh	Karpagam Academy of Higher Education	JOURNAL OF FLUORINE CHEMISTRY	2016	-	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8496437018&doi=10.1016%2Fj.jflc.2016.03.044&partnerID=40&md5=738d6e5af33625ad965eab08f4c49c
Biochemical and molecular analysis of Camellia sinensis (L.) O. Kuntze tea from the selected P/11/15 clone	Samynathan R., Perisamy S.K., Gandhi S., Anitha J., Sammugam G., Padmanabhan M., Velliyur Kannianpam G.	Department of Biochemistry	Journal of Genetic Engineering and Biotechnology	2016	1687157X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8490089461&doi=10.1016%2Fj.jgeb.2015.12.004&partnerID=40&md5=ab7f80b0ae49762348ed43e99ed4c42ea
Synthesis and Pharmacological Evaluation of 3-propyl-2-substitutedamino-3H-quinazolin-4-ones as Analgesic and Anti-Inflammatory Agents	Sheorey R.V., Thangathiruppathy A., Alagarsamy V.	Department of Pharmacy	Journal of Heterocyclic Chemistry	2016	0022152X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8498038529&doi=10.1002%2Fhch.19738&partnerID=40&md5=0377c754342177a7084fb26b70c5f8f
Eco-friendly synthesis of Ag-NPs using Cerasus serrulata plant extract - Its catalytic, electrochemical reduction of 4-NPh and antibacterial activity	Karthik R., Hou Y.-S., Chen S.-M., Elangovan A., Ganesan M., Muthukrishnan P.	Department of Chemical Engineering	Journal of Industrial and Engineering Chemistry	2016	1226086X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8496437018&doi=10.1016%2Fj.jiec.2016.03.044&partnerID=40&md5=738d6e5af33625ad965eab08f4c49c

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Effect of high speed turning operation on surface roughness of hybrid metal matrix (Al-SiCp-fly ash) composite	Baburaj E., Mohana Sundaram K.M., Senthil P.	Department of Mechanical Engineering	Journal of Mechanical Science and Technology	2016	1738494X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954569574&doi=10.1007/s2617206.015-1210-y&partnerID=40&md5=6cec53c28a7a4fe611965941ecda6c78
A Special Section on Innovative Engineering Solutions for Future Health Care Informatics	Smys, S.; Chen, Joy Jong-Zong	Karpagam Academy of Higher Education	JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS	2016	21567018	https://www.scopus.com/record/display.uri?eid=2-s2.0-84994756574&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=c1ae9ba9cc33d539808edf1
Spectroscopic, quantum chemical studies, Fukui functions, in vitro antiviral activity and molecular docking of 5-chloro-N-(3-nitrophenyl) pyrazine-2-carboxamide	Sebastian, S. H. Rosline; Al-Alshaikh, Monirah A.; El-Emam, Ali A.; Panicker, C. Yohannan; Zitko, Jan; Dolezal, Martin; VanAlsenoy, C.	Karpagam Academy of Higher Education	JOURNAL OF MOLECULAR STRUCTURE	2016	222860	https://www.scopus.com/record/display.uri?eid=2-s2.0-84966293172&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=54984ca818097b9374115d863ae25a5&ot=&dt=&id=149&=TITLE-ABS-KEY%28Spectroscopic%2c+quantum+chemical+studies%2c+Fukui+functions%2c+in+vitro+antiviral+activity+and+molecular+docking+of+pyrazine-2-carboxamide%29&relpos=0&citeCnt=31&searchTerms
Spectroscopic, quantum chemical studies, Fukui functions, in vitro antiviral activity and molecular docking of 5-chloro-N-(3-nitrophenyl)pyrazine-2-carboxamide	Sebastian S.H.R., Al-Alshaikh M.A., El-Emam A.A., Panicker C.Y., Zitko J., Dolezal M., VanAlsenoy C.	Department of Physics	Journal of Molecular Structure	2016	222860	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966293172&doi=10.1016/j.jmolstruc.2016.04.088&partnerID=40&md5=082d8449ed9ef488907a2acc496c0ea6
Interfering with the Chronic Immune Response Rescues Chronic Degeneration After Traumatic Brain Injury	Ertuerk, Ali; Mentz, Susanne; Stout, Erik E.; Hedeus, Maj; Dominguez, Sara L.; Neumaier, Lisa; Krammer, Franziska; Llovera, Gemma; Srinivasan, Karpagam; Hansen, David V.; Uesz, Arthur; Searce-Levie, Kimberly A.; Sheng, Morgan	Karpagam Academy of Higher Education	JOURNAL OF NEUROSCIENCE	2016	2706474	https://www.scopus.com/record/display.uri?eid=2-s2.0-84988514078&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=37094b83e940705deca0260c533f5c&ot=&dt=&id=118&=TITLE-ABS-KEY%28Interfering+with+the+Chronic+Immune+Response+Rescues+Chronic+Degeneration+After+Traumatic+Brain+Injury%29&relpos=0&citeCnt=37&searchTerms
Wound healing potential of a herbal gel prepared from leaf extract of holarrhena antidysenterica wall	Abdul Khayum K., Praveena G., Arathi K.N.	Department of Pharmacy	Journal of Pharmaceutical Sciences and Research	2016	9751459	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968876709&partnerID=40&md5=826e05fba1b24745896966c7c7a8adab
A novel rhombohedron-like nickel ferrite nanostructure: Microwave combustion synthesis, structural characterization and magnetic properties	Suresh Kumar G., Akbar J., Govindan R., Girija E.K., Kanagaraj M.	Department of Physics	Journal of Science: Advanced Materials and Devices	2016	24682284	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043536149&doi=10.1016/j.jsamd.2016.07.003&partnerID=40&md5=ee872601cdd0ff30d45c08a64c41317
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A study on training and competency development human resource practices in hotel industry	Mohan A.K.L., Arumugam D.	Department of Management	Man in India	2016	251569	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990927885&partnerID=40&md5=b4d49302d695415da00627a0cade396a
An empirical study on stress levels among working women in export oriented units of tirupur district	Pratheep S., Dharmaraj A.	Department of Management	Man in India	2016	251569	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990943276&partnerID=40&md5=0bfb6093c4f7604c7be2e9f4a213e
Research Study on Centralized E-Learning Architecture Model for Educational Institutes in India: Teaching & Learning Process	Veeramanickam M.R.M., Mohanapriya M.	Department of Computer Science and Engineering	MATEC Web of Conferences	2016	2261236X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973373106&doi=10.1051/372/mateconf/2016105702017&partnerID=40&md5=2f01df7ca2741d95a064912656f3c0d
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Spinel CuCo ₂ O ₄ Nanoparticles: Facile One-Step Synthesis, Optical, and Electrochemical properties	Silambarasan, M.; Padmanathan, N.; Ramesh, P. S.; Geetha, D.	Karpagam Academy of Higher Education	MATERIALS RESEARCH EXPRESS	2016	20531591	https://www.scopus.com/record/display.uri?eid=2-s2.0-84989840031&origin=resultslist&sort=plf-f
Synthesis of flexirubin-mediated silver nanoparticles using Chryseobacterium artocarci CECT 8497 and investigation of its anticancer activity	Venil C.K., Sathishkumar P., Malathi M., Usha R., Jayakumar R., Yuseff A.R.M., Ahmad W.A.	Department of Chemistry	Materials Science and Engineering C	2016	9284931	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8494406994&doi=10.1016/j.msec.2015.10.019&partnerID=40&md5=b65f5fe6a9f0c18ef77814fe58718
Effect of substrate temperature on structural, morphological, optical and electrical properties of MnIn ₂ S ₄ thin films prepared by nebulizer spray pyrolysis technique	Kennedy A., Viswanathan K., Krishnamoorthy N., Pradev Raj K.	Department of Physics	Materials Science in Semiconductor Processing	2016	13698001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962484831&doi=10.1016/j.mssp.2016.03.008&partnerID=40&md5=3467cd7217345a5ad3281a3ebf8026d7
Impact of annealing treatment on structural and dc electrical properties of spin coated tungsten trioxide thin films for Si/WO ₃ /Ag junction diode	Raja M., Chandrasekaran J., Balaji M., Janarthanan B.	Department of Physics	Materials Science in Semiconductor Processing	2016	13698001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982286508&doi=10.1016/j.mssp.2016.08.007&partnerID=40&md5=81b6284576789a4853f50ce905000615
Synthesis and characterization of NiO nanoparticles by thermal oxidation of nickel sulfide nanoparticles	Muhammed Shajudeen V.P., Sivakumar M., Saravana Kumar S.	Department of Physics	Materials Today: Proceedings	2016	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975091243&doi=10.1016/j.matpr.2016.04.161&partnerID=40&md5=0651488b3808bf5e9ab789e767e5a73e
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Ensuring Reliable Communication in Disaster Recovery Operations with Reliable Routing Technique	Menon V.G., Pathrose J.P., Priya J.	Department of Computer Science and Engineering	Mobile Information Systems	2016	1574017X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959423998&doi=10.1155%2F2016%2F9141329&partnerID=40&md5=46123a02e246a0277e9f548e510e447
ACM/Springer Mobile Networks & Applications (MONET) Guest Editorial for Special Issue on Innovative Computing Structures for Future Wireless Personal Networks	Smys, S.; Khaled, Kamel A.; Bestak, Robert	Karpagam Academy of Higher Education	MOBILE NETWORKS & APPLICATIONS	2016	-	-
Synthesis of biogas as a renewable energy from organic waste mixture by anaerobic fermentation	Kumar A., Rasappan K., Santhosh P.	Department of Chemistry	Nature Environment and Pollution Technology	2016	9726268	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973597735&partnerID=40&md5=ebe09c79ab3ef5ccf5a0f5b7868f999a
Best proximity points of p-cyclic orbital Meir-Keeler contraction maps	Karpagam, Saravanan; Zlatanov, Boyan	Karpagam Academy of Higher Education	NONLINEAR ANALYSIS-MODELLING AND CONTROL	2016	13925113	https://www.scopus.com/record/display.uri?eid=2-s2.0-84991442419&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=3b5144548f90050ce3bfc8b535407&ot=b&sd=b&sl=868&=TITLE-ABS-KEY+%28Best+proximity+points+of+p-cyclic+orbital+Meir-Keeler+contraction+maps%29&relpos=0&citeCnt=6&searchTerm=
Efficacy and tolerability of an undenatured type II collagen supplement in modulating knee osteoarthritis symptoms: a multicenter randomized, double-blind, placebo-controlled study	Lugo, James P.; Saiyed, Zainulabedin M.; Lane, Nancy E.	Karpagam Academy of Higher Education	NUTRITION JOURNAL	2016		https://www.scopus.com/record/display.uri?eid=2-s2.0-849756907158&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=9c9507b42668b920d06da9ac7de945&ot=b&sd=b&sl=196&=TITLE-ABS-KEY+%28Efficacy+and+tolerability+of+an+undenatured+type+II+collagen+supplement+in+modulating+knee+osteoarthritis+symptoms%3a+a+multicenter+randonized%2c+double-blind%2c+placebo-controlled+study%29&relpos=0&citeCnt=37&searchTerm=
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Study of the influence of substrate temperature on structural, optical, and electrical properties of Zn-doped MnIn2S4 thin films prepared by chemical spray pyrolysis	Kennedy A., Viswanathan K., Pradeev raj K.	Department of Physics	Physics Letters, Section A: General, Atomic and Solid State Physics	2016	3759601	https://www.scopus.com/record/display.uri?eid=2-s2.0-849799718708&doi=10.1016%2Fphysleta.2016.06.043&partnerID=40&md5=40508c8c219eab11b82e85fef0a06a
Whole Genome Re-Sequencing and Characterization of Powdery Mildew Disease-Associated Allelic Variation in Melon	Natarajan, Sathishkumar; Kim, Hoy-Taek; Thamilarasan, Senthil Kumar; Veerappan, Karpagam; Park, Jong-In; Noll-Sup	Karpagam Academy of Higher Education	PLOS ONE	2016	19326203	https://www.scopus.com/record/display.uri?eid=2-s2.0-84976367408&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=f7e3329a76d2ad4c1355dc7d626e96bc&ot=b&sd=b&sl=127&=TITLE-ABS-KEY+%28Whole+Genome+Re-Sequencing+and+Characterization+of+Powdery+Mildew+Disease+Associated+Allelic+Variation+in+Melon%29&relpos=0&citeCnt=19&searchTerm=
Synthesis, photophysical and electrochemical properties of carbazole-containing 2, 6-quinoline-based conjugated polymer	Upadhyay, Anjali; Karpagam, S.	Karpagam Academy of Higher Education	POLYMER BULLETIN	2016		https://www.scopus.com/record/display.uri?eid=2-s2.0-84958749104&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=75d81caf046d79d77d1d2e245f49c54&ot=b&sd=b&sl=135&=TITLE-ABS-KEY+%28Synthesis%2c+photophysical+and+electrochemical+properties+of+carbazole-containing+2%2c+6-quinoline-based+conjugated+polymer%29&relpos=0&citeCnt=6&searchTerm=
Fractal Coding Using Gradient Direction Based Tag Matrix and Score Value	Sheeba K., Rahiman M.A.	Department of Computer Science and Engineering	Procedia Computer Science	2016	18770509	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979208494&doi=10.1109%2FICNP.2015.7489342&partnerID=40&md5=65a154e0503eb774fd507d0df3de119
Optimized and efficient feature extraction method for devanagari handwritten character recognition	Ansari S., Sutar U.	Department of Electronics and Communication Engineering	Proceedings - IEEE International Conference on Information Processing, ICIP 2015	2016		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019161952&doi=10.1109%2FICPR.2016.7899613&partnerID=40&md5=5e5ead76202705a3b7163a712b50b903
HEP-2 cell classification using artificial neural network approach	Olviya B.S., Subramaniam K., Nanjundaswamy H.R.	Department of Electronics and Communication Engineering	Proceedings - International Conference on Pattern Recognition	2016	10514651	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007372778&doi=10.1109%2FISCO.2016.7772146&partnerID=40&md5=eb35013be5b9938ee7b4e61d02baa4
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Enhancement of biodiesel potential in cyanobacteria: using agro-industrial wastes for fuel production, properties and acetyl CoA carboxylase D (accD) gene expression of Synechocystis sp.NN	Jawaharraj, Kalimuthu; Karpagam, Rathinasamy; Ashokkumar, Balasubramaniam; Pratheeba, Chanda Nagarajan; Varalakshmi, Perumal	Karpagam Academy of Higher Education	RENEWABLE ENERGY	2016	9601481	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991737338&partnerID=40&md5=023398bd247460b1395586cc6b57d0
A facile one pot microwave synthesis of 2-amino-5-aryl thiazole by using NaHSO4-SiO2 heterogenous catalyst in dry media	Ezhilarasi M.R., Prabha B., Raja C.	Department of Chemistry	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2016	9758585	https://www.scopus.com/inward/record.uri?eid=2-s2.0-849626577143&partnerID=40&md5=b916782d83e70758e0666fe7f119e71
Anthelmintic and antibacterial activity of red pigment from Aspergillus terreus	Sreedevi R., Pradeep B.V.	Department of Microbiology	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2016	9758585	https://www.scopus.com/record/display.uri?eid=2-s2.0-84929678155&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=3e32b459c7de7091d3729e14a5e6f82&ot=b&sd=b&sl=146&=TITLE-ABS-KEY+%28Synthesis+of+a+new+series+of+pyrimidine+derivatives%3a+exploration+of+anti-proliferative+activity+on+EAT+cells+and+molecular+docking%29&relpos=0&citeCnt=2&searchTerm=
Synthesis of a new series of pyrimidine derivatives: exploration of anti-proliferative activity on EAT cells and molecular docking	Senthilkumar, N.; Ravichandran, Y. Dominic; Kumar, K. M.; Ramaiah, Sudha	Karpagam Academy of Higher Education	RESEARCH ON CHEMICAL INTERMEDIATES	2016	9226168	https://www.scopus.com/record/display.uri?eid=2-s2.0-84929678155&origin=resultslist&sort=plf-f&src=s&st1=&st2=&sid=3e32b459c7de7091d3729e14a5e6f82&ot=b&sd=b&sl=146&=TITLE-ABS-KEY+%28Synthesis+of+a+new+series+of+pyrimidine+derivatives%3a+exploration+of+anti-proliferative+activity+on+EAT+cells+and+molecular+docking%29&relpos=0&citeCnt=2&searchTerm=

Development of functionalized multi-walled carbon nanotube-based polyaccharide-hydroxyapatite scaffolds for bone tissue engineering	Rajesh, R.; Ravichandran, Y. Dominic; Reddy, M. Jeevan Kumar; Ryu, Sung Hun; Shanmugharaj, A. M.	Karpagam Academy of Higher Education	RSC ADVANCES	2016		https://www.scopus.com/record/display.uri?eid=2-i2-0-84984820466&origin=resultslist&sort=plf:8&rc=s&titl=8&st2=8&id=a345fcd5400d1c26ea8f44ed8fcd0e4&quot=b&id=b&sl=148&s=TITLE-ABS-KEY+%28Development+of+functionalized+multi-walled+carbon+nanotube-based+polyaccharide-hydroxyapatite+scaffolds+for+bone+tissue+engineering%29&relpos=0&citeCnt=14&searchTerms=
Molecular Diversity Analysis of Pretty Interesting Potyviridae ORF (PIPO) Coding Region in Indian Isolates of Sugarcane streak mosaic	Chandran V., Gajjeraman P.	Department of Biotechnology	Sugar Tech	2016	9721525	https://www.scopus.com/inward/record.uri?eid=2-i2-0-8495953028&doi=10.1007%2F11277-015-3070-1&partnerId=40&md5=320100b9401779475885463a7152942
EMISSION ESTIMATION OF NEAT PARADISE TREE OIL COMBUSTION ASSISTED WITH SUPERHEATED HYDROGEN IN A 4-STROKE NATURAL ASPIRATED DICl ENGINE	Sundararajan, Karthikayan; Subbiah, Ganesan; Gomathinayakam, Sankaranarayanan	Karpagam Academy of Higher Education	THERMAL SCIENCE	2016	3549836	https://www.scopus.com/record/display.uri?eid=2-i2-0-85015420310&origin=resultslist&sort=plf:8&rc=s&titl=8&st2=8&id=5d5ec8e8f6b68b9d06538294c606c5&quot=b&id=b&sl=151&s=TITLE-ABS-KEY+%28Emission+estimation+of+neat+paradise+tree+oil+combustion+assisted+with+superheated+hydrogen+in+a+4-stroke+natural+aspirated+dicl+engine%29&relpos=0&citeCnt=1&searchTerms=
Experimental and statistical analysis on the noise reduction using chevron nozzle in supersonic free jet	Kaleeswaran P., Shanmugasundaram P.	Department of Automobile Engineering	UPB Scientific Bulletin, Series D: Mechanical Engineering	2016	14542358	https://www.scopus.com/inward/record.uri?eid=2-i2-0-84992425351&partnerId=40&md5=8d98d7d3881486b30738731533e3ada
A Preference-Based Protocol for Trust and Head Selection for Cluster-Based MANET	Mylsamy R., Sankaranarayanan S.	Department of Computer Application	Wireless Personal Communications	2016	9296212	https://www.scopus.com/inward/record.uri?eid=2-i2-0-84958174540&doi=10.1007%2F11277-015-3010-1&partnerId=40&md5=320100b9401779475885463a7152942
Introduction to Special Issue 'Researches and Challenges in Green Radio Communication'	Karthigaikumar, P.; Chen, Joy long-Zong	Karpagam Academy of Higher Education	WIRELESS PERSONAL COMMUNICATIONS	2016	9296212	https://www.scopus.com/record/display.uri?eid=2-i2-0-84959136272&origin=resultslist&sort=plf:8&rc=s&titl=8&st2=8&id=8377544d104739c734d99a35c15af6&quot=b&id=b&sl=102&s=TITLE-ABS-KEY+%28Introduction+to+Special+Issue+%27Researches+and+Challenges+in+Green+Radio+Communication%27%29&relpos=0&citeCnt=0&searchTerms=
Introduction to the Special Issue on Inventive Network Structures for Next Generation Wireless Personal Systems	Smys, S.; Bestak, Robert	Karpagam Academy of Higher Education	WIRELESS PERSONAL COMMUNICATIONS	2016	9296212	https://www.scopus.com/record/display.uri?eid=2-i2-0-84976473859&origin=resultslist&sort=plf:8&rc=s&titl=8&st2=8&id=fa5791ea7d2485340dbbba3dec521628&quot=b&id=b&sl=127&s=TITLE-ABS-KEY+%28Introduction+to+the+Special+Issue+on+Inventive+Network+Structures+for+Next+Generation+Wireless+Personal+Systems%29&relpos=0&citeCnt=0&searchTerms=
Signature Based Vulnerability Detection Over Wireless Sensor Network for Reliable Data Transmission	Saravana Kumar N.M., Deepa S., Marimuthu C.N., Eswari T., Lavanya S.	Department of Electronics and Communication Engineering	Wireless Personal Communications	2016	9296212	https://www.scopus.com/inward/record.uri?eid=2-i2-0-84959157196&doi=10.1007%2F11277-015-3070-1&partnerId=40&md5=036d895650837d4c78133c82d07914d
Isolation, structural characterization of Oleic acid from Zaleya decandra root extract	Deivasigamani Malarvizhi, Palanirajan Anusooriya, Periyasamy Meenakshi, Sowmya Sundaram, Enock Olorie, Velliyur Kannianpan	Department of Biochemistry	Analytical Chemistry letters	2016	2229-7928	-
A study on educational games application model in E-learning cloud system	Veeramanickam M.R.M., Radhika N.	Department of Computer Science and Engineering	2014 International Conference on Information Communication and Embedded Systems, ICICES 2014	2015		https://www.scopus.com/inward/record.uri?eid=2-i2-0-84925340560&doi=10.1109%2FICICES.2014.7033842
Alfatoxin B1 degradation during co-cultivation of Aspergillus flavus and Pleurotus ostreatus strains on rice straw	Das A., Bhattacharya S., Palaniswamy M., Angayarkanni J.	Department of Microbiology	3 Biotech	2015	2190572X	https://www.scopus.com/inward/record.uri?eid=2-i2-0-84982101131&doi=10.1007%2F113205-014-0228-7&partnerId=40&md5=c8a38f16648c93801a800054173abe02
Streptokinase production from Streptococcus dysgalactiae subsp. equisimilis SK-6 in the presence of surfactants, growth factors and trace elements	Bhardwaj S., Angayarkanni J.	Department of Microbiology	3 Biotech	2015	2190572X	https://www.scopus.com/inward/record.uri?eid=2-i2-0-85017472852&doi=10.1007%2F113205-014-0209-x&partnerId=40&md5=c6ede14f4c530f533039dbf2d24d5414
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A hybrid fuzzy MCDM approach to maintenance Quality Function Deployment	Valavi D.G., Pramod V.R.	Department of Mechanical Engineering	Decision Science Letters	2015	19295804	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907980602&doi=10.5267%2611356-014-3543-y&partnerID=40&md5=f040711ec459a0689152fa5c3cd4126d7
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Characterization and antimicrobial activity of <i>Streptomyces</i> sp. DOSMB-A107 isolated from mangrove sediments of Andaman Island, India	Baskaran R., Mohan P.M., Madanan M.G., Kumar A., Palaniswami M.	Department of Microbiology	Indian Journal of Geo-Marine Sciences	2015	9751033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979043537&partnerID=40&md5=b4d21c094adeef4f5173e52032d7a96
Hepatoprotection by active fractions from <i>Desmodium bipinnatifidum</i> (L.) against tamoxifen-induced hepatotoxicity	Rahate K.P., Rajasekaran A.	Department of Biochemistry	Indian Journal of Pharmacology	2015	2537613	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930348555&doi=10.4103%2611356-014-3543-y&partnerID=40&md5=4c9efc3a85709b41a35fca6c3d393b27
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Impact of balance score card on it &ites employees' on different areas (financial non-financial aspect)	Shyam Umankar K.K., Shani J.	Department of Commerce	International Journal of Applied Business and Economic Research	2015	9727302	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000432397&partnerID=40&md5=54a257eb2846e5a5ae91afd909a9beff
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An efficient framework for improving bug detection in object oriented Javascript coding	Fawzia Khan F., Mallika R.	Department of Computer Science	International Journal of Applied Engineering Research	2015	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0.84955923239&partnerID=40&md5=4cd00b29ea2de36aa72d69ef2172d5d9
An efficient secure intrusion detection system for data integrity in MANET	Sureshkumar N., Bhavani S.	Department of Electronics and Communication Engineering	International Journal of Applied Engineering Research	2015	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0.84941065680&partnerID=40&md5=69b3b73972d6a5184aee02245c31447
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Ascent-based monte carlo expectation-maximization outlier detection for large-scale categorical data	Rajeswari J., Manicka Chezian R.	Department of Computer Science	International Journal of Applied Engineering Research	2015	9734562	https://www.scopus.com/record/display.uri?eid=2-s2.0.84927726144&origin=resultslist&sortby=fr&cc=s&tt1=&qt2=&sid=a3e4ff3e82556855c5f1a6df49896db&sott=b&dt=b&sl=117&s=TITLE-ABS-KEY+%28Ascent-based+monte+carlo+expectation%2fmaximization+outlier+detection+for+large-scale+categorical+data%29&relpos=0&citeCnt=0&uearchTerm=
Bacterial concrete: Development of concrete to increase the compressive and split-tensile strength using bacillus sphaericus	Gandhimathi A., Suji D., Elayarajah B.	Department of Civil Engineering	International Journal of Applied Engineering Research	2015	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0.84926442220&partnerID=40&md5=957223f2de40c2e79b723ba913f3d54
Chameleon hierarchical clustering algorithm for efficient web usage mining	Prasanthand A., Hemalatha M.	Department of Computer Science	International Journal of Applied Engineering Research	2015	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0.84940105130&partnerID=40&md5=123792e2c07c65dd8757d921e13ed519
Comparison of different authentication protocol used for managing identities in cloud	George J.A., Veni S.	Department of Computer Science	International Journal of Applied Engineering Research	2015	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0.84994682476&partnerID=40&md5=8e70abc621962902fa85f617ae408d
Condition monitoring and life extension of EHV transformer	Manoharan D., Amutha A., Sivaraju S.S., Shanthosh Kumar K.	Department of Electronics and Electrical Engineering	International Journal of Applied Engineering Research	2015	9734562	https://www.scopus.com/inward/record.uri?eid=2-s2.0.84942326848&partnerID=40&md5=6d15a768c763a61364f1329bdcdfc04
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Kinetics and equilibrium studies of the adsorption of Cu(II) from aqueous solution using Acacia nilotica seed pods on ZnCl ₂ activation	Thenmozhi R., Santhi T.	Department of Chemistry	Research on Chemical Intermediates	2015	9226168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923702669&doi=10.1007/s2611164-013-1276-z&partnerID=40&md5=28813312537eb894fd6d78496b7f5b8
Synthesis, antibacterial activity against MRSA, and in vitro cytotoxic activity against HeLa cell lines of novel 3- α -carboxy ethyl-5-benzylidene rhodanine derivatives	Sundaram K., Ravi S.	Department of Chemistry	Research on Chemical Intermediates	2015	9226168	https://www.scopus.com/record/display.uri?eid=2-s2.0-84921068398&origin=resultslist&sort=plf-f&src=&st1=&st2=&id=777a8134aaa1f123e78c0576b405e8&ot=b&id=b&id=182&s=TITLE-ABS-KEY+%28Synthesis%2C+antibacterial+activity+against+MRSA%2C+and+in+vitro+cytotoxic+activity+against+HeLa+cell+lines+of+novel+3+-%CE%BB1-carboxy+ethyl-5-benzylidene+rhodanine+derivatives%29&elpos=0&teCnt=8&searchTerm
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Conformational stability, spectroscopic (FT-IR, FT-Raman and UV-Vis) analysis, NLO, NBO, FMO and Fukui function analysis of 4-hexylacetophenone by density functional theory	Saravanan S., Balachandran V.	Department of Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918217590&doi=10.1016/j.saa.2014.11.091&partnerID=40&md5=0001246c599afe4e47778e0304c3a3cf
Experimental and theoretical studies of (FT-IR, FT-Raman, UV-Visible and DFT) 4-(6-methoxynaphthalen-2-yl) butan-2-one	Govindasamy P., Gunasekaran S.	Department of Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929319048&doi=10.1016/j.saa.2015.04.043&partnerID=40&md5=5e081d2d10ddc0ae972f881bc1fa37
Green chemistry focus on optimization of silver nanoparticles using response surface methodology (RSM) and mosquitocidal activity: Anopheles stephensi (Diptera: Culicidae)	Ondari Nyakundi E., Padmanabhan M.N.	Department of Biotechnology	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929646350&doi=10.1016/j.saa.2015.04.057&partnerID=40&md5=b19fab96243c4420e8b0220bde881c9
NBO, HOMO, LUMO analysis and vibrational spectra (FTIR and FT Raman) of 1-Amino 4-methylpiperazine using ab initio HF and DFT methods	Mahalakshmi G., Balachandran V.	Department of Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905284236&doi=10.1016/j.saa.2014.06.157&partnerID=40&md5=8e447e21ae70c4cb9745e5a974ca74
Spectroscopic (FT-IR, FT-Raman and UV) investigation, NLO, NBO, molecular orbital and MESP analysis of 2-[2-[2,6-dichlorophenylamino]phenyl]acetic acid	Govindasamy P., Gunasekaran S.	Department of Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84912107339&doi=10.1016/j.saa.2014.10.048&partnerID=40&md5=24a6d137b57ca88cb98926bebc5cfccb
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Vibrational spectroscopic (FT-IR and FT-Raman) studies, HOMO-LUMO, NBO analysis and MEP of 6-methyl-1-(([(2E)-2-methyl-3-phenyl-prop-2-en-1-yl]oxy) methyl)-1,2,3,4-tetra-hydroquinazoline-2,4-dione, a potential chemotherapeutic agent, using density functional methods	Sebastian S.S.H.R., Al-Tamimi A.-M.S., El-Brollosy N.R., El-Emam A.A., Yohannan Panicker C., Van Alsenoy C.	Department of Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	
Effect of iron oxide on tribological behaviour of Al-Si alloy - Iron oxide composites - Taguchi approach	Shanmugasundaram P.	Department of Automobile Engineering	UPB Scientific Bulletin, Series D: Mechanical Engineering	2015	14542358	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926455719&partnerID=40&md5=f1503be04ab4c2f5367ec34649d86185
Human telomerase inhibitors from microbial source	Kiran K.G., Palaniswamy M., Angayarkanni J.	Department of Microbiology	World Journal of Microbiology and Biotechnology	2015	9593993	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939875191&doi=10.1007/s26111274-015-1893-3&partnerID=40&md5=c3372c17c811889302e3744d4643cdd