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Khan A.A.P.; Sonu; Sudhaik A.; Raizada P.; Danish M.; Khan A.; Kamal T.; Rahman M.M.; Asiri A.M.; Singh P.	Fabrication of direct Z-scheme heterojunction of S doped g-C <sub>3</sub> N <sub>4</sub> /Ag/AgI for efficient dye degradation	2024	Materials Letters	357		
Rajkumar S.; Karthikeyan M.; Manohar A.; Dhineshkumar S.; Princy Merlin J.	One-step synthesis and fabrication of ZrMo <sub>2</sub> O <sub>8</sub> nanostructures as advanced electrode material for energy storage applications	2024	Journal of Industrial and Engineering Chemistry			
Kumar A.; Kumar A.; Tamboli M.S.; Ubaidullah M.; Jayarubi J.; Tripathi S.K.	A modified drop-casting technique for efficient lead-free, environment-friendly thin film CsBi <sub>3</sub> I <sub>10</sub> perovskite solar cells	2024	Physica B: Condensed Matter	672		
Lakshmikaanth D.; Selvaraj A.; Selvaraju P.; Jose S.D.	HALL AND HEAT SOURCE EFFECTS OF FLOW PAST A PARABOLIC ACCELERATED ISOTHERMAL VERTICAL PLATE IN THE PRESENCE OF CHEMICAL REACTION AND RADIATION	2023	JP Journal of Heat and Mass Transfer	34	105	126
Venkatesh N.; Sarkar S.; Sunil A.; Priya T.G.; Aarthi R.; Devi K.M.	Deep Learning-based Identification and Classification of Rice Plant Diseases for Precision Agriculture	2023	2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings		1027	1032
Narayanan A.E.; Ishwarya M.; Kaviarasan S.; Praveen M.; Sagana N.	Detection and Classification of 'Myopia Epidemic' Using Image Processing and Machine Learning to Prevent Fatal Road Accidents	2023	2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			
Ganesan P.; Jasmine N.J.; Darios R.S.; Soundararajan K.; Rajalingam R.	9-(4-Methoxyphenyl)-9H-carbazole	2023	IUCrData	8		

Geetha S.; Sharmila V.; Sasikala S.; Balamurugan S.A.A.; Balamurugan N.M.	Detecting Gastro- Intestinal Cancer from Wireless Capsule Endoscopy Images using Efficient Net Model	2023	2023 14th International Conference on Information and Communication Technology and System, ICTS 2023		222	227
Senthil Murugan M.; Ravindranath P.V.; Jayareka K.S.; Sundareswaran T.; Singh C.; Subbaiyan A.	Enhanced Optimization- based Node Localization Scheme for WSN	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023		583	588
Senthilkumar S.; Saranya E.; Kavitha M.; Selvakumar A.; Rajasri S.; Ramiya R.	A Novel and Smart Administrative Door Lock and Open System using Face Recognition	2023	2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings		916	922
Kanthiya T.; Thajai N.; Chaiyaso T.; Rachtanapun P.; Thanakkasaranee S.; Kumar A.; Boonrasri S.; Kittikorn T.; Phimolsiripol Y.; Leksawasdi N.; Tanadchangsaeng N.; Jantanasakulwong K.	Enhancement in mechanical and antimicrobial properties of epoxidized natural rubber via reactive blending with chlorhexidine gluconate	2023	Scientific Reports	13		
Balakumar P.; Venkatesan K.; Abdulla Khan N.; Raghavendra N.M.; Venugopal V.; Bharathi D.R.; Fuloria N.K.	Mechanistic insights into the beneficial effects of curcumin on insulin resistance: Opportunities and challenges	2023	Drug Discovery Today	28		
Sharmila S.; Sirajunnisa A.; Sundaranayagi S.	Comparison of Millettia pinnata and Justicia adhatoda as eco- sustainable extraction of silver nanoparticles for sewage water treatment	2023	Desalination and Water Treatment	297	169	174

Rose S.G.H.; Janani S.; Vishrutha D.; Vitharshana D.	An Approach to Enhancing Industrial Safety via M2M Communication Utilizing Effulgence	2023	IEEE 9th International Conference on Smart Structures and Systems, ICSSS 2023			
Babu N.R.; Subramanian C.V.	Vulnerability Analysis of Fire Disaster Evacuation at old Thanjavur town, India using Space Syntax Method	2023	Disaster Advances	16	62	72
Murugan G.T.; Sakthimurugan K.; Sangeetha A.; Shanmugavelu V.A.	Experimental investigation on utilization of metakaolin on reinforced concrete beam with recycled aggregates	2023	Innovative Infrastructure Solutions	8		
Babu N.R.; Subramanian C.V.	Perception of Fire safety evacuation design towards Fire Disaster in core towns of southern region of India	2023	Disaster Advances	16	16	27
Ramkumar P.; Vivek C.M.; Latha P.; Manikandan S.P.	Experimental and Heat Transfer Analysis Using Nanofluid in Cylindrical Heat Pipe Heat Exchanger	2024	Advances in Science, Technology and Innovation		65	72
Nunta R.; Khemacheewakul J.; Techapun C.; Sommanee S.; Feng J.; Htike S.L.; Mahakuntha C.; Porninta K.; Phimolsiripol Y.; Jantanasakulwong K.; Moukamnerd C.; Watanabe M.; Kumar A.; Leksawasdi N.	Kinetics of Phosphate Ions and Phytase Activity Production for Lactic Acid-Producing Bacteria Utilizing Milling and Whitening Stages Rice Bran as Biopolymer Substrates	2023	Biomolecules	13		
Ruby D.; Jeyachidra J.; Logesh T.; Ranjani P.; Umamaheswari G.; Nandhini K.	Analysis and Comparison of Real-Time Data Set with Generation of Networks for Underwater Wireless Sensor Networks	2023	Lecture Notes in Electrical Engineering	1046 LNEE	503	520

Maruthi R.; Anusha P.; Sankar P.; Thiyagaragan K.	Objective Full-Reference Image Assessment Metrics for Estimating the Quality of Remote Sensing Images	2023	2023 2nd International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2023			
Russiarani S.; Krishnaraj S.; Chandra Mohan S.	Structural and Optical Properties of Sn Doped Zinc Oxide (ZnO:Sn) Thin Films Prepared by Spray Pyrolysis Method	2023	Iranian Journal of Chemistry and Chemical Engineering	42	449	460
Perumal A.; Yesuf M.B.; Govindarajan R.; Niju S.; Arun C.; Periyasamy S.; Pandiyarajan T.; Alemayehu E.	Photo-Alternating Current-Electro-Fenton Process for Pollutant Removal and Energy Usage from Industrial Wastewater: Response Surface Approach Optimization of Operational Parameters	2023	ChemElectroChem	10		
Prabhakaran M.; Jeyasimman D.; Varatharajulu M.	Insights and Implications: Unraveling Critical Factors in Resistance Spot Welding of Dissimilar Metals through SS 347 and DSS 2205 Welds †	2023	Engineering Proceedings	59		
Subramaniyan I.K.; Srividhya P.K.; Kesavan J.	Study on mechanical and micro structural properties of spin arc welding in Hastelloy C-2000	2023	Revista de Metalurgia	59		
Begum M.S.; Balajee A.; Kulothungan S.; Santhakumar D.; Basheer S.	Parkinson's disease prediction and drug personalization using machine learning techniques	2023	Soft Computing	27	12669	#####
Singh C.; Thamizhamuthu R.; Manjula S.; Nidhya M.S.	Internet of things (IoT)-based sensors wireless communication and infrastructure for precision medicine field	2023	AI and IoT-Based Technologies for Precision Medicine		380	393

Stanley S.; Sebastine A.J.	Work-life balance, social support, and burnout: A quantitative study of social workers	2023	Journal of Social Work	23	1135	1155
Prabu V.; Geetha K.; Sekar R.; Ulaganathan M.	Binder-Free Electro-Deposited MnO <sub>2</sub> @3D Carbon Felt Network: A Positive Electrode for 2V Aqueous Supercapacitor	2023	Energy Technology	11		
Saravanan A.K.; Hamad A.A.; Reddy G.N.; Udhayakumar M.; Jeyasimman D.; Anbu C.	Research on Quality Control of Core Process of Hydraulic Engineering Materials Based on Improved Particle Swarm Optimization	2023	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023		383	388
V.S.K.; Firoz C.M.	Benchmarking sustainability of pilgrimage cities: a case of three cities in Tamil Nadu, India	2023	Benchmarking	30	2967	2992
Khan A.A.P.; Fadil Z.; Danish M.; Khan A.; Asiri A.M.; Raorane C.J.	Simulation of magnetization plateaus of stanene-like nanostructures at low temperatures	2024	Indian Journal of Physics	98	913	919
Narmadha C.; Muthuselvi R.; Somasundari P.; Sivagurunathan G.; Malini K.V.; Sathishkannan	Cloud-based Detection of Malware and Software Privacy Threats in Internet of Things using Deep Learning Approach	2023	SSRG International Journal of Electronics and Communication Engineering	10	21	30
Reuben B.; Narmadha C.	Effective Kidney Stone Prediction Based on Optimized Yolov7 Segmentation and Deep Learning Classification	2024	International Journal of Intelligent Systems and Applications in Engineering	12	183	192
Vivek C.M.; Srividhya P.K.	Examining the Impact of Producer Gas in Specific Regions of Pipeline Materials of Producer Gas Systems	2024	Journal of Materials Engineering and Performance			

Vivek C.M.; Safeer Ahamed J.; Bharathi Prakash Babu S.; Srivenkatesh K.; Koglesh M.; Akbar Batcha S.; Alameen M.	Experimental analysis of Briquetted cashew shell and tamarind seed as source of bio energy generation	2023	E3S Web of Conferences	405		
Janani S.; Sivarathinabala M.; Anand R.; Ahamad S.; Usmani M.A.; Basha S.M.	Machine Learning Analysis on Predicting Credit Card Forgery	2023	Lecture Notes in Networks and Systems	537 LNNS	137	148
Sasikumar M.S.S.; Narayanan A.E.	Trust Aware Nero Fuzzy Based Agglomerative Hierarchical Clustering with Secure Whale Optimization Routing for Enhancing Energy Efficiency in WSN	2024	Journal of Machine and Computing	4	138	152
Velmurugan C.; Senthilkumar V.; Kesavan J.	Use of multi-stage phase transformation Ni40Ti50Cu10 shape memory alloy for biomedical application	2024	Materials Letters	354		
Arun C.; Sethupathy A.; Rangabhashiyam S.; Sharma R.; Karthikeyan S.; Ramprasad C.	Thermochemical processes for resource recovery from municipal wastewater treatment plants	2023	Resource Recovery in Municipal Waste Waters		195	210
Gowri S.; Rajkumar S.; Dhineshkumar S.; Aarthi J.; Karthikeyan M.; Ravikumar A.; Princy Merlin J.	Construction of CuV2O6-nanostructured electrode material for supercapacitors	2023	MRS Communications	13	460	465
Li S.; Chithra S.M.; Sudha P.N.; Sankeshwari S.N.; Vignesh S.; Vairavel T.M.; Govindan V.; Abdalbagi M.; Fadhl B.M.; Makhdoum B.M.; Khan M.I.	Mathematical modelling of the biofiltration treating mixtures of toluene and N-propanol in the biofilm and gas phase	2023	International Journal of Hydrogen Energy	48	29759	#####
Jayanthi J.	An EOQ Model Under the Condition of Permissible Delay in Payments with Allowed Stock-Out Cost and Lead Time	2024	Contemporary Mathematics (Singapore)	5	628	634

Jose S.D.; Selvaraj K.; Sudha P.N.; Geetha P.; Lakshmikaanth D.	HEAT AND MASS TRANSFER EFFECTS ON PARABOLIC FLOW PAST AN ACCELERATED ISOTHERMAL VERTICAL PLATE IN THE PRESENCE OF CHEMICAL REACTION AND HALL CURRENT	2023	JP Journal of Heat and Mass Transfer	35	55	74
Thandiayyakone V.; Murugan A.; Ravikumar C.R.; Rajkumar T.; Kulandaisamy A.; Muzaddadi I.U.; Manohar A.; Thillai Arasu P.; Chakrabarty M.	Effects of Axial Ligands on the Redox Properties of Manganese(III) meso- tetrakis(p- Hydroxyphenyl) Porphyrin	2023	Asian Journal of Chemistry	35	1341	1346
Durgayandi R.; Narayanan M.	A Comprehensive Approach to Passive Compensation in Unbalanced Composite Network	2023	SSRG International Journal of Electrical and Electronics Engineering	10	170	180
Thandiayyakone V.; Murugan A.; Muzaddadi I.U.; Tayum N.; Yadav N.N.; Saikia P.; Rajkumar T.; Manohar A.; Chakrabarty M.	Effects of SbCl <sub>5</sub> , Ethylamine, Imidazole and 2-Methylimidazole on Redox and Structural Behaviours of Manganese(III) meso- 5,10,15,20-tetrakis(4- pyridyl)porphyrin	2023	Asian Journal of Chemistry	35	1714	1718
Lin S.-Y.; Shen Y.-L.; Chen W.-H.; Govindaraj M.; Chen J.-D.	Cu(II) Coordination Polymers Containing Mixed Ligands with Different Flexibilities: Structural Diversity and Iodine Adsorption	2024	Molecules	29		
Prabhakaran M.; Jeyasimman D.; Varatharajulu M.	Investigation of the failure mechanism of dissimilar resistance spot welding of steels	2023	Emerging Materials Research	12	220	228
Evera T.; Kumaran S.; Djanaguiraman M.; Thirumaran T.; Le Q.H.; Pugazhendhi A.	Unleashing the potential of nanoparticles on seed treatment and enhancement for sustainable farming	2023	Environmental Research	236		

Prabhakaran M.; Duraisamy J.; Shanmugam N.S.; Kannan A.R.; Varatharajalu M.	Weld Strength and Microstructure Analysis on Resistance Spot Welding of Austenitic AISI 347 Stainless Steel and Duplex AISI 2205 Stainless Steel	2023	Transactions of the Indian Institute of Metals	76	925	936
Chitra L.; Alagesan K.; Govindan V.; Saleem S.; Al-Zubaidi A.; Vimala C.	Applications of the Tarig Transform and Hyers–Ulam Stability to Linear Differential Equations	2023	Mathematics	11		
Moshakga M.C.; Yahya A.; Samikannu R.; Kalpana C.; Sivaramkrishnan M.; Begam K.M.	A Wireless Sensor Network-Based Monitoring System for Transformer Fault Detection and Diagnosis	2023	1st International Conference on Emerging Research in Computational Science, ICERCS 2023 - Proceedings			
White J.G.; Samikannu R.; Oladiran M.T.; Yahya A.; Makepe P.; Gamariel G.; Ladu N.S.D.; Tlhabologo B.A.; Kadarmydeen M.B.; Gunasekaran K.; Amuhaya L.	Techno-economic feasibility assessment and performance analysis of standalone solar photo voltaic- biomass hybrid system with optimized storage: a case study—Grand Bassa, Liberia	2024	Frontiers in Energy Research	12		
Durgayandi R.; Narayanan M.	Effect of harmonics on reduction of unbalance in three-phase four wire composite network	2023	Indonesian Journal of Electrical Engineering and Computer Science	30	24	32
Porninta K.; Khemacheewakul J.; Techapun C.; Phimolsiripol Y.; Jantanasakulwong K.; Sommanee S.; Mahakuntha C.; Feng J.; Htike S.L.; Moukamnerd C.; Zhuang X.; Wang W.; Qi W.; Li F.-L.; Liu T.; Kumar A.; Nunta R.; Leksawasdi N.	Pretreatment and enzymatic hydrolysis optimization of lignocellulosic biomass for ethanol, xylitol, and phenylacetylcarbinol co- production using <i>Candida magnoliae</i>	2023	Frontiers in Bioengineering and Biotechnology	11		



Ganesan R.; Roy C.; Ramiya R.; Hemambujavalli S.; Vijayakumar R.	Data Analysis and Visualization of the Industrial IoT Based on the Big Data Approach	2023	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings		1386	1393
Sundaranayagi S.; Sirajunnisa A.; Sarathkumar S.; Munimasthani S.K.	BIOENERGY TRANSFORMATION OF PRESS MUD VIA ANAEROBIC DIGESTION USING IRON OXIDE NANOPARTICLES: AN ANALYSIS	2023	Rasayan Journal of Chemistry	16	1184	1190
Komagal Anupama K.; Subramanian C.V.	CO-RELATIONAL STUDY ON COURTYARD AND SURROUNDING SPACES ITS ACTIVENESS, EXCITEMENT, AND EMOTIONAL EXPERIENCE AMONG THE OCCUPANTS OF SIVAGANGA – TAMILNADU	2023	Proceedings on Engineering Sciences	5	11	18
Mary Pradeepa V.; Kesavan K.; Sarathkumar S.; Mohanavel B.	Coating Temperature in CVD Technique Effects the CZTS Thin Film Characteristics	2023	AIP Conference Proceedings	2901		
Rajiv S.; Shanmugam K.	Robust superhydrophobic composite coating using h-BN/MWCNT via supercritical fluid processing	2023	Journal of Coatings Technology and Research	20	2135	2141
Balakumar P.; Jagadeesh G.	India: neutralizing temptation by predatory journals	2023	Nature	621	474	
Komagal Anupama K.; Subramanian C.V.	CO-RELATIONAL STUDY ON HOUSE FRONT SIT- OUT (THINNAI), ITS IDENTITY, AND EMOTIONAL EXPERIENCE AMONG THE OCCUPANTS OF ERODE – TAMILNADU	2023	Proceedings on Engineering Sciences	5	485	494

Sethupathy A.; Arun C.; Vigneswaran V.S.; Rajendran K.; Akshaya K.; Selvasembian R.	Advances on characteristics and valorization of food waste towards the sustainable production of bio-methane and purification	2024	Fuel	366		
Ramkumar P.; Sivasubramanian M.; Ramasamy S.; Vivek C.M.; Latha P.	Experimental and Performance Study of Diesel Engine Using Inlet Preheated Air by Heat Pipe Heat Exchanger	2024	Advances in Science, Technology and Innovation		211	218
Bhagyaraj T.; Sabarathinam S.; Popov V.; Thamilmaran K.; Vadivel R.; Gunasekaran N.	Fuzzy Sampled-Data Stabilization of Hidden Oscillations in a Memristor-Based Dynamical System	2023	International Journal of Bifurcation and Chaos	33		
Seane T.B.; Samikannu R.; Oladiran M.T.; Yahya A.; Makepe P.; Gamariel G.; Kadarmydeen M.B.; Ladu N.S.D.; Senthamarai H.	Modelling and optimizing microgrid systems with the utilization of real-time residential data: a case study for Palapye, Botswana	2023	Frontiers in Energy Research	11		
Arun C.; Sethupathy A.; Hemavathy R.V.; Ramprasad C.	Remediation of Heavy Metals in Environmental Resources Using Physical Methods	2023	Remediation of Heavy Metals: Sustainable Technologies and Recent Advances		109	121
Janani S.; Dilip R.; Talukdar S.B.; Talukdar V.B.; Mishra K.N.; Dhabliya D.	IoT and machine learning in smart city healthcare systems	2023	Handbook of Research on Data-Driven Mathematical Modeling in Smart Cities		262	279
Vyas M.; Vijayaganth R.; Chandhok J.; Srivastava A.; Arumugam S.; Tiwari M.	Revolutionizing IoT Network Security with Deep Learning-Anomaly Detection Model	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings		1533	1538

Feng J.; Techapun C.; Phimolsiripol Y.; Phongthai S.; Khemacheewakul J.; Taesuwan S.; Mahakuntha C.; Porninta K.; Htike S.L.; Kumar A.; Nunta R.; Sommanee S.; Leksawasdi N.	Utilization of agricultural wastes for co-production of xylitol, ethanol, and phenylacetylcarbinol: A review	2024	Bioresource Technology	392		
Sivaranjani V.; Parthiban P.	Phytochemical Screening and in vitro Studies on Anti-uro lithiatic Activity of Sesbania grandiflora (L.) Root Extract	2023	Research Journal of Biotechnology	18	165	170
Stanley S.; Sebastine A.J.	Predictors of Compassion Fatigue and Compassion Satisfaction in Social Workers (A Quantitative Study from India)	2024	Human Service Organizations Management, Leadership and Governance			
Hemasree R.; Subramanian C.V.	Avoiding Man-made Disasters using Transit-Oriented Development (TOD)-Strategy: Case of Namma Metro, Bengaluru	2024	Disaster Advances	17	55	65
Girinath S.; Kavitha T.; Chandra P.S.; Kumar N.M.; Gattim N.K.; Challa R.K.	Deep Learning-based Segmentation and Computer Vision-based Ultrasound Imagery Techniques	2023	2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023			
Anand M.S.; Manimozhi S.; Walid A.A.; Naresh Kumar A.; Dharmendra Kumar P.; Suryanarayana N.V.S.	CSO - VGG-19: Prediction of Cervical Cancer Using Cuckoo Search-Based Deep VGG-19	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023		932	937

Hymlin Rose S.G.; Janani S.; Belmon A.P.	Internet of Things in Mental Healthcare Worldwide – A Study	2023	Artificial Intelligence in Telemedicine: Artificial Intelligence in Telemedicine Processing of Biosignals and Medical Images		149	162
Sasikumar M.S.S.; Narayanan A.E.	Fuzzy Enhanced Black Widow Spider with Secure Encryption Random Permutation Pseudo Algorithm for Energy Efficient Cluster Communication in WSN	2023	Journal of Advanced Research in Applied Sciences and Engineering Technology	32	421	437
Janani S.	Collaborative Channel Sensing Under S-Aloha for IoT Based CRSN	2024	International Journal of Intelligent Systems and Applications in Engineering	12	41	56
Ilangovan P.; Sharmila Begum M.; Srividhya P.K.	Development of online monitoring device and performance evaluation of biogas plants using enhanced methane prediction algorithm (EMPA)	2023	Sustainable Energy Technologies and Assessments	56		
Ramachandran L.; Latha K.B.	Behavior of Laterally Loaded Pile Group in Clay with Stabilized Pond Ash Compaction Pile	2023	AIP Conference Proceedings	2766		
Vivek C.M.; Srividhya P.K.; Ramkumar P.; Sivasubramanian M.	Bio Energy Sources for Sustainable Development: Affordable and Clean Energy Goal in India	2023	A Sustainable Green Future: Perspectives on Energy, Economy, Industry, Cities and Environment		561	573

Kumar A.; Techapun C.; Sommanee S.; Mahakuntha C.; Feng J.; Htike S.L.; Khemacheewakul J.; Porninta K.; Phimolsiripol Y.; Wang W.; Zhuang X.; Qi W.; Jantanasakulwong K.; Nunta R.; Leksawasdi N.	Production of Phenylacetylcarbinol via Biotransformation Using the Co-Culture of <i>Candida tropicalis</i> TISTR 5306 and <i>Saccharomyces cerevisiae</i> TISTR 5606 as the Biocatalyst	2023	Journal of Fungi	9		
Rajkumar S.; Dhineshkumar S.; Arunprakash N.; Raychel P.; Anantha kumar S.; Merlin J.P.	Fabrication of SrWO <sub>4</sub> /PPy composite as electrode material for high-performance supercapacitors	2023	Optical Materials	142		
Rajamohan R.; Viswalingam M.; Lee Y.R.; Prabu S.; Sivakumar K.	Molecular encapsulation of nortriptyline in the $\beta$ -cyclodextrin cavity: In-vitro cytotoxic potential against MCF-7 cell line	2023	Korean Journal of Chemical Engineering	40	1715	1724
Arthi A.; Nayak C.K.; Subbaiyan A.; Muthalakshmi M.; Srimathi S.; Venkatesh P.	Spectrum Aware Unequal Clustering with Route Selection Protocol for Energy Efficient Cognitive Radio Wireless Sensor Networks	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023		1401	1406
Hymlin Rose S.G.; Janani S.	Jamming Detection Technique Using Improved Exponentially Weighted Moving Average (IEWMA) Algorithm for WSN	2023	International Journal of Intelligent Systems and Applications in Engineering	11	151	164
Selvabharathi D.; Muruganantham N.	Real-Time Monitoring System for Lead Acid Battery Health and Performance using Fuzzy Logic and HIL Simulator	2023	International Journal of Engineering Trends and Technology	71	209	215
Guru P.; Sathyapriya J.; Rajandran K.V.R.; Bhuvaneshwari J.; Parimala C.	Product Sales Forecasting and Prediction Using Machine Learning Algorithm	2024	International Journal of Intelligent Systems and Applications in Engineering	12	355	366

Poorani S.; Raja M.K.; Parkavi B.; Pande S.S.; Subbaiyan A.; Kiruthiga S.	A New Wide-Angle, Low-Resolution Infrared Array Sensor with Improved DL Algorithm for Activity Detection	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023		726	731
Nunta R.; Techapun C.; Sommanee S.; Mahakuntha C.; Porninta K.; Punyodom W.; Phimolsiripol Y.; Rachtanapun P.; Wang W.; Zhuang X.; Qi W.; Jantanasakulwong K.; Reungsang A.; Kumar A.; Leksawasdi N.	Valorization of rice straw, sugarcane bagasse and sweet sorghum bagasse for the production of bioethanol and phenylacetylcarbinol	2023	Scientific Reports	13		
Athal I.; Haewon B.; Sasikala A.; Narsimha Reddy B.; Govindan V.; Maddileti P.; Saritha K.; Shashidar Reddy B.; Rajakumari S.; Tawade J.V.; Tamam N.; Abdullaeva B.S.; Chohan J.; Mishra R.	Combined impact of radiation and chemical reaction on MHD hyperbolic tangent nanofluid boundary layer flow past a stretching sheet	2023	Modern Physics Letters B			
Bhagyaraj T.; Sabarathinam S.; Ahamed A.I.; Thamilmaran K.	Super-extreme events in a forced Bonhoeffer–van der Pol oscillator	2023	Pramana - Journal of Physics	97		
Nunta R.; Khemacheewakul J.; Sommanee S.; Mahakuntha C.; Chompoo M.; Phimolsiripol Y.; Jantanasakulwong K.; Kumar A.; Leksawasdi N.	Extraction of gymnemic acid from <i>Gymnema inodorum</i> (Lour.) Decne. leaves and production of dry powder extract using maltodextrin	2023	Scientific Reports	13		
Jansi Rani P.G.; Vimala C.; Divya T.; Anusha M.B.; Vinotha T.; Rajagowri J.; Shanmugam K.	Developing Cost-Effective and Efficient Drinking Water Treatment Technology for the Removal of Salinity and Suspended Solids	2023	Journal of Natural Remedies	23	603	613

Vivekanandan B.; Rengadurai S.; Kumar A.A.; Elavarasan P.; Ali R.S.B.	Decolorization of Malachite green dye using seaweed	2023	Research Journal of Chemistry and Environment	27	113	116
Selvabharathi D.; Muruganatham N.	Fuzzy based lead acid battery health and performance monitoring system	2023	AIP Conference Proceedings	2822		
Arunganesh K.; Nagarajan G.; Sivakumaran N.; Karthick P.A.	Recognition of Lower Limb Movements Using Machine Learning Methods and Bispectral Maps of Wireless sEMG Measurements	2023	IEEE Sensors Letters	7		
Mbenge T.; Samikannu R.; Begam K.M.; Sindhu M.P.; Ramkumar M.S.; Sivaramkrishnan M.	Design and Implementation of a Cost-Effective Solar Photo Voltaic Food Dryer for Rural Botswana	2023	1st International Conference on Emerging Research in Computational Science, ICERCS 2023 - Proceedings			
Senthilkumar S.; Siva V.; Murugan A.; Ravikumar C.R.; Arasu P.T.; Manohar A.; Ashana S.A.	Heavy metals in water: challenges and remediation	2023	Role of Green Chemistry in Ecosystem Restoration to Achieve Environmental Sustainability		157	166
Danish M.; Pandey A.; Khan A.A.P.; Asiri A.M.	Fabrication of tantalum oxyfluoride and oxynitride thin films via ammonolysis of sol-gel processed tetraethoxo ( $\beta$ -diketonato) tantalum (V) precursors for enhanced photocatalytic activity	2021	Journal of Materials Science: Materials in Electronics	32	10564	#####
Batyha R.M.; Janani S.; Rose S.G.H.; Lolandes Y.G.; Ortiz G.G.R.; Navaz S.	Cyclostationary Algorithm for Signal Analysis in Cognitive 4G Networks with Spectral Sensing and Resource Allocation	2022	International Journal of Communication Networks and Information Security	14	47	58

Kizhakke Puliyakote A.S.; Stapleton E.M.; Durairaj K.; Karuppusamy K.; Kathiresan G.B.; Shanmugam K.; Rahim S.A.; Navaneethkrishnan S.; Bilas M.; Huang R.; Metwali N.; Jeronimo M.; Chan K.-S.; Guo J.; Nagpal P.; Peters T.M.; Thorne P.S.; Comellas A.P.; Hoffman E.A.	Imaging-based assessment of lung function in a population cooking indoors with biomass fuel: a pilot study	2023	Journal of Applied Physiology	134	710	721
Hemasree R.; Subramanian C.V.	Influences and Impressions of Metro Rail Transit Systems in Urban Spaces: A Review	2022	Civil Engineering and Architecture	10	3110	3117
Ramkumar P.; Kajavali A.; Ramasamy S.; Vivek C.M.; Sivasubramanian M.	ANFIS Prediction Using Neuro-Fuzzy Model of Experimental Study on Concentric Tube Heat Pipe Heat Exchanger Using Acetone	2023	Lecture Notes in Mechanical Engineering		613	626
Janakiraman T.; Pathy A.; Poosari Kumaravel S.; Paramasivan B.	Effect of coconut shell in gasification kinetics of palm kernel shells at various blending ratios	2022	Environment, Development and Sustainability	24	8333	8350
Rakshanaa R.; Shafreen M.; Kumar N.	Inhibition of Proliferation in Ovarian Cancer Cell Line (PA-1) by the Action of Green Compound "Betanin"	2022	Applied Biochemistry and Biotechnology	194	71	83
Umayal Sundari A.R.; Veeramanipriya E.	Performance evaluation, morphological properties and drying kinetics of untreated Carica Papaya using solar hybrid dryer integrated with heat storage material	2022	Journal of Energy Storage	55		
Arunganesh K.; Sureshkumar R.; Ilayaraja K.; Madhavan S.	Smart Voltage Protection System for Industries	2021	SSRG International Journal of Electrical and Electronics Engineering	8	5	12



Rajkumar S.; Elanthamilan E.; Wang S.- F.; Chryso H.; Balan P.V.D.; Merlin J.P.	One-Pot Green Recovery of Copper Oxide nanoparticles from Discarded Printed Circuit Boards for electrode material in Supercapacitor Application	2022	Resources, Conservation and Recycling	180		
Lakshmi K.; Iswarya K.; Abdullah N.S.; Monica Bharathi K.R.	Deep Learning based Garbage Detection for Smart City Applications	2022	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022		1464	1468
Jeyachidra J.; Logesh T.; Nandhini K.; Krithiga R.	Hybrid K-Means Clustering for Training Special Children using Utility Pattern Mining	2023	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023			
Muralidharan S.; Shanmugam K.	Synthesis and Characterization of Naringenin-Loaded Chitosan-Dextran Sulfate Nanocarrier	2021	Journal of Pharmaceutical Innovation	16	269	278
Maheswari S.; Karunakaran M.; Hariprasad K.; Kasirajan K.; Poul Raj I.L.; Chandrasekar L.B.; Alshahrani T.; Shkir M.; AlFaify S.	Noticeable enhancement in NH <sub>3</sub> sensing performance of nebulizer spray pyrolysis deposited SnO <sub>2</sub> thin films: An effect of Tb doping	2021	Superlattices and Microstructures	154		
Gupta N.; Janani S.; Dilip R.; Hosur R.; Chaturvedi A.; Gupta A.	Wearable Sensors for Evaluation Over Smart Home Using Sequential Minimization Optimization-based Random Forest	2022	International Journal of Communication Networks and Information Security	14	179	188

Ramkumar P.; Ramasamy S.; Kajavali A.; Vivek C.M.; Sivasubramanian M.	Performance Analysis of Methanol in Heat Pipe Heat Exchanger-An Experimentation and Numerical study using ANFIS	2022	Journal of Physics: Conference Series	2272		
Rajkumar S.; Christy Ezhilarasi J.; Saranya P.; Princy Merlin J.	Fabrication of CoWO <sub>4</sub> /PANI composite as electrode material for energy storage applications	2022	Journal of Physics and Chemistry of Solids	162		
Kasirajan K.; Bruno Chandrasekar L.; Maheswari S.; Karunakaran M.; Shunmuga Sundaram P.	A comparative study of different rare-earth (Gd, Nd, and Sm) metals doped ZnO thin films and its room temperature ammonia gas sensor activity: Synthesis, characterization, and investigation on the impact of dopant	2021	Optical Materials	121		
Rajanandhini C.; Babu S.P.K.	ICA based estimation and compensation of carrier frequency offset for MBOFDM based UWB systems	2021	Microprocessors and Microsystems	82		
Vivek C.M.; Ramkumar P.	Evaluation of course outcome attainment of engineering course with traditional, blended and flipped classroom approaches	2021	Education and Information Technologies	26	2225	2231
Kumutha N.; Amutha N.; Venkatesh G.S.	Compulsory licensing of patents	2022	Pharmaceutical Patent Analyst	11	225	231
Sundarrajan M.; Narayanan A.E.; Srithar V.	Securing the MQTT Protocol using Enhanced Cryptographic techniques in IoT Surroundings	2021	Journal of Physics: Conference Series	1767		

Kavitha T.; Deepika S.; Nattaraj K.; Shanthini P.; Puranaraja M.	Smart System for Crop and Diseases Prediction using Random Forest and Resnet Architecture	2022	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings		1513	1519
Thilagavathi N.; Lakshmi K.	Verification of composed web service using synthesized nondeterministic turing model (SNTMM) with multiple tapes and stacks	2021	International Journal of Web Services Research	18	75	102
Bakrudeen A.S.B.; Jeyasimman D.; Balaji A.	Effect of compaction pressure, sintering temperature and recovery heat treatment temperature of powder metallurgical Fe-20Mn- 5Si-5Ni-8Cr shape memory alloy	2022	MRS Advances	7	222	228
Angelin M.D.; Rajkumar S.; Ravichandran A.T.; Merlin J.P.	Systematic investigation on the electrochemical performance of Cd- doped ZnO as electrode material for energy storage devices	2022	Journal of Physics and Chemistry of Solids	161		
Nirmal Ram J.S.; Sathya U.; Gomathi S.; Cordes D.B.	Structure determination and Hirshfeld surface analysis of new cocrystal and salt forms of 5- aminotetrazole with hydroxy- and nitrosubstituted carboxylic acids	2022	Acta Crystallographic a Section C: Structural Chemistry	78	414	423
Suresh R.; Ramani R.; Pranavee P.; Deepa M.; Jeyasimman D.	Design, Analysis and Fabrication of Robotic Aero Car	2023	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023			

Arunganesh K.; Sivakumaran N.; Kumaravel S.; Karthick P.A.	Analysis of Intramuscular Coherence of Lower Limb Muscle Activities Using Magnitude Squared Coherence	2022	Biomedical Signals Based Computer-Aided Diagnosis for Neurological Disorders		267	280
Fekadu B.; Kathiravan R.; Saravanan P.	AUGMENTATION OF POOL BOILING HEAT TRANSFER CHARACTERISTICS USING NAPHTHA CARBON SOOT NANOPARTICLES –WATER BASED NANOFLUIDS	2022	Experimental Heat Transfer	35	848	863
Sasikala A.; Sekar C.; Gayathri K.	Prime Cordial Labeling of Some Graphs	2021	Journal of Physics: Conference Series	1947		
Ramkumar P.; Vivek C.M.; Ramasamy S.; Kajavali A.; Sivasubramanian M.	Experimental and numerical study using ANFIS - neuro fuzzy model on heat pipe heat exchanger	2022	Materials Today: Proceedings	62	2152	2162
Mohamed Ismail A.; Pugazhenth A.; Thiyagarajan R.; Udhayasankar R.	Artificial Neural Network and Optimization and Neural Network Approach for Al 7072 Alloy Reinforced with Nanoparticles of Tungsten Carbide	2023	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023		1038	1043
Bakrudeen A.S.B.; Jeyasimman D.; Balaji A.	Fabrication and characterization of nanostructured Fe–28Mn–6Si–5Cr shape memory alloy	2022	International Journal of Advanced and Applied Sciences	9	33	40
Sathya U.; Nirmalram J.S.; Gomathi S.; Perdih F.; Jegan Jennifer S.; Abdul Razak I.; Weil M.	Crystal structures and Hirshfeld surface analyses of hypoxanthine salts involving 5-sulfosalicylate and perchlorate anions	2022	Acta Crystallographica Section E: Crystallographic Communications	78	574	583

Sharmila Tagore S.; Swaminathan J.; Manikandan D.; Gomathi S.; Sabarinathan N.; Ramalingam M.; Sethuraman V.	Crystallographic investigation, Hirshfeld surface analysis, NLO characterization and experimental spectral (UV and NMR) studies with DFT probe on(R)-9-(2-hydroxy propyl)adenine	2021	Heliyon	7		
Vijayakumar M.; Janani B.; Kannappan P.; Renganathan S.; Al-Ghamdi S.; Alsaidan M.; Abdelaziz M.A.; Peer Mohideen A.; Shahid M.; Ramesh T.	In silico identification of potential inhibitors against main protease of SARS-CoV-2 6LU7 from <i>Andrographis paniculata</i> via molecular docking, binding energy calculations and molecular dynamics simulation studies	2022	Saudi Journal of Biological Sciences	29	18	29
Hepsiba P.; Rajkumar S.; Elanthamilan E.; Wang S.-F.; Princy Merlin J.	Biomass-derived porous activated carbon from <i>anacardium occidentale</i> shell as electrode material for supercapacitors	2022	New Journal of Chemistry			
Vivek C.M.; Srividhya P.K.; Ramkumar P.	Investigating the Effect of Producer Gas in Pipelines of Downdraft Gasifier	2022	Solid State Phenomena	338	49	53
Sathya U.; Nirmalram J.S.; Gomathi S.; Dhivya D.; Jegan Jennifer S.; Abdul Razak I.; Jancik V.	A study of the crystal structures, supramolecular patterns and Hirshfeld surfaces of bromide salts of hypoxanthine and xanthine	2022	Acta Crystallographica Section E: Crystallographic Communications	78	652	659
Sankar S.S.; Rathishkumar A.; Geetha K.; Kundu S.	Electrospinning as a tool in fabricating hydrated porous cobalt phosphate fibrous network as high rate OER electrocatalysts in alkaline and neutral media	2021	International Journal of Hydrogen Energy	46	10366	#####

Durairasan M.; Balasubramanian D.	Robust energy management of micro-grid system using an efficient RNN-MDA approach	2022	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	35		
Arunganesh K.; Selvaraju V.; Sivakumaran N.; Kumaravel S.; Karthick P.A.	Analysis of Corticomuscular Coherence between Motor Cortex Region and Tibialis Anterior Muscle Using Symbolic Transfer Entropy	2022	2022 IEEE International Symposium on Medical Measurements and Applications, MeMeA 2022 - Conference Proceedings			
Balaji B.; Kanagaraj U.; Mahendran R.; Rethinasiranjeevi R.	Fault Prediction of Induction Motor using Machine Learning Algorithm	2021	SSRG International Journal of Electrical and Electronics Engineering	8		
Kumar P.A.; Anupriya B.	Performance assessment of Cruciform steel column: FEM simulation	2022	Materials Today: Proceedings	64	1043	1047
Ruby D.; Jeyachidra J.; Narayanan A.E.	Segment Based Clustering with Data Aggregation for Underwater Wireless Sensor Networks	2021	2021 International Conference on Intelligent Technologies, CONIT 2021			
Shirley C.P.; Evangelin Sonia S.V.; Sathya V.; Manikandan N.; Vidhyalakshmi M.K.; Reddy C.V.K.	Blockchain and Deep Learning Development of Smart Charging of Electric Vehicles to Meet the Demand Side Management	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings		1377	1381

Nidhya M.S.; Arumugam R.; Kannagi A.; Revathi T.; Karthikeyan M.P.	Analysis of Flat and Hierarchical Routing Structure Supported Protocol in Mobile Ad-hoc Networks	2023	Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023		34	37
Vetrimani A.; Geetha K.; Angel Jemima E.; Arulnathan N.; Kim H.-S.; Kathalingam A.	Effect of the green synthesis of CuO plate-like nanoparticles on their photodegradation and antibacterial activities	2022	Physical Chemistry Chemical Physics	24	28923	#####
Yogapriya G.; Kumari R.S.; Suganthi S.; Agalya K.; Elangovan T.; Pandian D.S.	Crop Yield Identification Using CNN	2023	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023			
Subramani K.; Shunmugasundaram S.; Duraisamy V.; Ilavarasi R.; Murugesan Senthil Kumar S.; Sathish M.	Dual heteroatoms doped SBA-15 templated porous carbon for symmetric supercapacitor in dual redox additive electrolyte	2022	Journal of Colloid and Interface Science	606	286	297
Govindan V.; Xin X.; Vignesh S.; Sudha P.N.; Sankeshwari S.N.; Vairavel T.M.; Prakash R.; Chithra S.M.; Bala A.J.	Steady state concentration in an amperometric biosensor using mathematical modeling	2023	Modern Physics Letters B			

Dinesh S.; Ananthi M.; Shobhana N.; Jayanthi M.; Amudha R.; Alamelu R.	Bayesian Modelling to Estimate the FOREX Services Offered by the New Generation Banks	2022	Proceedings of 2nd IEEE International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications, CENTCON 2022		5	10
Nidhya M.S.; Veronica B.; Shaheen H.; Azahad S.; Jayanthi L.	Role and Interval Changing Algorithm (RICA) for Energy Consumption Node in Wireless Sensor Network	2023	Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023		348	350
Pushpitha R.D.; Thirumalai J.; Chandrasekar L.B.; Gnanasekar K.; Chandramohan R.	Spin-resonant tunneling in CdTe/Cd <sub>1-x</sub> Mn <sub>x</sub> Te double-barrier heterostructure with zero external field: Effect of in-plane wave vector	2021	Physica E: Low-Dimensional Systems and Nanostructures	133		
Manikandan S.P.; Vetrivel K.P.; Thakre P.; Swarnalatha K.; Nishanth P.; Chandrasekar G.	Artificial Neural Network and Taguchi Analysis of Multi-Objective Optimisation of Wear Behaviour of ZrO <sub>2</sub> based Aluminium Nanocomposite	2023	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023		416	421
Jeyaraman Selvaraj N.; Sathya U.; Gomathi S.; Jegan Jennifer S.; Mathivathanan L.; Abdul Razak I.	Synthesis, crystal structure determination and Hirshfeld surface analysis of three new salt forms of creatinine with hydrobromic acid, 3-aminobenzoic acid and 3,5-dinitrobenzoic acid	2022	Acta Crystallographica Section C: Structural Chemistry	78	437	448



Muralidharan S.; Antony Joseph Velanganni A.; Shanmugam K.	Inhibition of Breast Cancer Proteins by the Flavonoid Naringenin and its Derivative: A Molecular Docking Study	2022	Journal of Natural Remedies	22	51	64
Maruthi R.; Anusha P.; Nagarajan S.; Thiyagarajan K.	A Comparative Study of Haze Removal for Dehazing Remote Sensing Images	2023	Lecture Notes in Networks and Systems	645 LNNS	699	706
Chailangka A.; Leksawasdi N.; Ruksiriwanich W.; Jantanasakulwong K.; Rachtanapun P.; Sommano S.R.; Khaneghah A.M.; Castagnini J.M.; Barba F.J.; Kumar A.; Phimolsiripol Y.	Natural ingredients and probiotics for lowering cholesterol and saturated fat in dairy products: an updated review	2023	Quality Assurance and Safety of Crops and Foods	15	140	160
Priya S.S.; Sahoo P.K.	Fatigue Analysis of Rectangular Plate with a Circular Cut-Out	2023	Lecture Notes in Mechanical Engineering		455	463
Priya N.; Rajeshkumar D.; Mathavan R.; Kalieswari G.	Fault Detection and Location in Power Transmission Lines Using Labview	2021	SSRG International Journal of Electrical and Electronics Engineering	8		
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Prasad G.; Saravanan K.; Naveen R.; Nagaraj V.; Dinesh R.; Anirudh K.	Influence of Machine Learning Technique in Unmanned Aerial Vehicle	2023	Internet of Drones: Applications, Opportunities, and Challenges		43	57
Narmadha C.; Kavitha T.; Poonguzhali R.; Hamsadhvani V.; Walia R.; Monia; Jegajothi B.	Robust Deep Transfer Learning Based Object Detection and Tracking Approach	2023	Intelligent Automation and Soft Computing	35	3613	3626

Kathiresan G.; Vijayakumar K.; Sundarrajan A.P.; Kim H.- S.; Adaikalam K.	Photocatalytic degradation efficiency of ZnO, GO and PVA nanoadsorbents for crystal violet, methylene blue and trypan blue dyes	2021	Optik	238		
Veeramanipriya E.; Umayal Sundari A.R.	Performance evaluation of hybrid photovoltaic thermal (PVT) solar dryer for drying of cassava	2021	Solar Energy	215	240	251
Hymlin Rose S.G.; Janani S.; Rohitha R.; Ramya R.; Ramyashri S.	Autonomous Self Learning Based Training Device for Alzheimer Patients	2023	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023			
Sundaramoorthi P.; Venkatesh G.S.; Moorthy V.P.	DSTATCOM BASED ADDITIVE AND SUBTRACTIVE TOPOLOGY MULTILEVEL INVERTER FOR IMPROVING POWER QUALITY	2022	International Journal on Technical and Physical Problems of Engineering	14	36	45
Manimozhi S.; Jeyachidra J.; Umamaheswari G.	Psychology based Recommender System for Visual E-Learning	2023	IDCIoT 2023 - International Conference on Intelligent Data Communication Technologies and Internet of Things, Proceedings		563	566
Elanthamilan E.; Rajkumar S.; Wang S.-F.; Merlin J.P.	Facile synthesis of platelet-like zirconium tungstate nanostructures for high- performance supercapacitors	2022	International Journal of Energy Research	46	17113	#####

Begum M.S.; Raghawin J.A.V.; Azath A.M.M.M.; Amrith A.J.	Efficient Way of Interaction between Alumni and Students with the usage of Sentiment Analysis	2022	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022		813	817
Ahirwar R.; Ajay M.; Sathyabalan N.; Lakshmi K.	Online Harassment Detection using Machine Learning	2022	5th International Conference on Inventive Computation Technologies, ICICT 2022 - Proceedings		1222	1224
Maheswari S.; Karunakaran M.; Hariprasad K.; Kasirajan K.; Chandrasekar L.B.; Alshahrani T.; Shkir M.; AlFaify S.	Enhanced room-temperature ammonia vapor-sensing activity of nebulizer spray pyrolysis fabricated SnO <sub>2</sub> thin films: an effect of Er doping	2021	Journal of Materials Research	36	657	667
Chithra K.; Bhuvaneshwari M.; Subramanian C.V.	An investigation in the direction of inferences of sustainability in physical construction of Pallathur village India	2022	AIP Conference Proceedings	2515		
Mathimaran A.; Kumar A.; Prajapati G.; Ampapathi R.S.; Bora H.K.; Guha R.	Partially saturated canthaxanthin alleviates aging-associated oxidative stress in d-galactose administered male wistar rats	2021	Biogerontology	22	19	34
Geetha K.; Sivasangari D.; Kim H.-S.; Murugadoss G.; Kathalingam A.	Electrospun nanofibrous ZnO/PVA/PVP composite films for efficient antimicrobial face masks	2022	Ceramics International	48	29197	#####
Maheswari S.; Karunakaran M.; Chandrasekar L.B.; Kasirajan K.	Ammonia sensors on the base of gadolinium doped tin oxide thin films and its characterization: Effect of doping concentration	2021	Physica B: Condensed Matter	602		

Umayal Sundari A.R.; Veeramanipriya E.	Thin Layer Modeling and Solar Drying Characteristics of Forced Convective Hybrid Photovoltaic Thermal (PV-T) Solar Dryer Assisted with Evacuated Tube Collector for Drying of Untreated Potato Slices	2022	Journal of Research and Innovation in Food Science and Technology	11	319	334
Ilangovan P.; Marjuka M.A.; Dhiyaneshwaran S.; Kumar S.D.	A Review on Developing Smart Mask for Individual Health Status Monitoring and Prediction	2022	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings		1349	1354
Kumar N.; Lenita S.; Parvathi G.K.; Rupa I.R.; Shafreen M.; Danish M.	Developments of nanocomposites in dye-sensitized solar cells	2023	Nanocomposites-Advanced Materials for Energy and Environmental Aspects		225	253
Rajamohan R.; Murugan M.; Anitha A.; Lee Y.R.; Madi F.; Leila N.; Viswalingam M.	Interaction of chloroquine with 2-(hydroxypropyl)- $\beta$ -cyclodextrin through the supramolecular assembly for cytotoxicity on breast cancer cell lines	2022	Monatshefte fur Chemie	153	1171	1184
Pugazhenthai A.; Thiyagarajan R.; Srividhya P.K.; Udhayasankar R.; Suresh R.	Artificial Neural Network and Process Optimization of Electrical Discharge Machining of Al 6463	2023	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023		1032	1037
Selvabharathi D.; Muruganantham N.	Estimating the State of Health of Lead-Acid Battery Using Feed-Forward Neural Network	2022	Journal of Circuits, Systems and Computers	31		

Ravichandran D.; Muruganantham N.	Effect Of Filter Current Reduction On Hybrid Shunt Active Filters In Three-phase Four Wire Network With Unbalanced Linear And Non-Linear Loads	2022	Journal of Applied Science and Engineering (Taiwan)	26	79	90
Lakshmi K.; Nagineni S.; Lydia E.L.; Devaraj A.F.S.; Mohanty S.N.; Pustokhina I.V.; Pustokhin D.A.	An Optimal Deep Learning for Cooperative Intelligent Transportation System	2022	Computers, Materials and Continua	72	19	35
Ranjithkumar K.; Geetha K.; Prabu V.; Senthilkumar S.M.; Sekar R.	Structural and morphological characteristics of nanocrystalline palladium deposits prepared from ammonia complex by electrodeposition technique	2023	Transactions of the Institute of Metal Finishing			
Ramya S.P.; Sumitha B.; Ranjani R.; Ahamed M.A.	A Comparative Study on Aspects Level Drug Reviews using Back Propagation Neural Networks	2022	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings		1341	1344
Manjula S.; Lakshmi K.	Human Abnormal Activity Pattern Analysis in Diverse Background Surveillance Videos Using SVM and ResNet50 Model	2022	Lecture Notes in Networks and Systems	244	47	60
Narmadha C.; Hamsadhvani V.; Poonguzhali R.; Kavitha T.	Optimizing Techniques for Energy Efficiency in Wireless Sensor Network	2022	Proceedings - 6th International Conference on Computing Methodologies and Communication, ICCMC 2022		337	340

Vidhya N.; Seethalakshmi V.; Monisha R.; Dhanasekar J.; Gurunathan V.; Rajanandhini C.	Coherent Data Transmission Using Multiplexing for a DWDM Communication System	2022	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference			
Poonguzhali R.; Sowmiya S.F.; Surendar P.; Vasikaran M.	Fake Reviews Detection using Support Vector Machine	2022	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings		1509	1512
Indupriya G.; Anupriya B.	Analytical Evaluation of RBS Moment Connection for Indian Profiles Under Seismic Behavior	2022	International Journal of Sustainable Construction Engineering and Technology	13	90	106
Poonguzhali R.; Ahmad S.; Thiruvannamalai Sivasankar P.; Anantha Babu S.; Joshi P.; Joshi G.P.; Kim S.W.	Automated Brain Tumor Diagnosis Using Deep Residual U-Net Segmentation Model	2023	Computers, Materials and Continua	74	2179	2194
Aruna P.; Sujatha D C.; Surya Prakash S.; Prince R.	An Automated Self Rating Questionnaire Assessment Tool for the evaluation of Entrepreneurial Competencies using SVM Algorithm	2022	5th International Conference on Inventive Computation Technologies, ICICT 2022 - Proceedings		1230	1234
Indupriya G.; Anupriya B.	Simulation of RBS moment connections using the Finite Element Method for Indian profiles	2022	Materials Today: Proceedings	64	1023	1028
Nithya B.; Jeyachidra J.	Low-cost localization technique for heterogeneous wireless sensor networks	2021	International Journal of Communication Systems	34		

Vinitha K.; Nila R.; Rajkumar R.; Kumar P.S.	Enterprise Email Server Data Protection System using Geo-Fence Technology and Machine Learning	2022	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings		287	291
Sumathy G.; Geetha K.; Maheshwari A.; Arunarani A.R.; Samuel P.	An Efficient Prevention and Challenges in Wireless Sensor Networks for Energy and Security Concern	2023	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023			
Rajangam R.; Pugazhenthiran N.; Krishna S.; Mangalaraja R.V.; Valdés H.; Ravikumar A.; Sathishkumar P.	Solar light-driven CoFe <sub>2</sub> O <sub>4</sub> /α-Ga <sub>2</sub> O <sub>3</sub> heterojunction nanorods mediated activation of peroxymonosulfate for photocatalytic degradation of norflurazon	2021	Journal of Environmental Chemical Engineering	9		
Natarajan R.B.; Jayasudha P.	Fire risk mitigation at urban scale in commercial buildings of kumbakonam town	2019	International Journal of Recent Technology and Engineering	8	2920	2928
Prabhu S.A.; Kavithayeni V.; Suganthy R.; Geetha K.	Graphene quantum dots synthesis and energy application: a review	2021	Carbon Letters	31		
Illavarason P.; Kamachi Sundaram B.	A Study of Intrusion Detection System using Machine Learning Classification Algorithm based on different feature selection approach	2019	Proceedings of the 3rd International Conference on I- SMAC IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2019		295	299

Selvabharathi D.; Muruganantham N.	Experimental analysis on battery based health monitoring system for electric vehicle	2021	Materials Today: Proceedings	45	1552	1558
Hamsadhwani V.; Kannu A.P.; Lakshmi K.; Narmadha C.	Queueing delay performance of schedulers in centralized sensing cognitive radio networks	2020	International Review on Modelling and Simulations	13	207	213
Mari Selvam S.; Janakiraman T.; Paramasivan B.	Characterization of engineered corn cob biochar produced in allothermal pyrolysis reactor	2021	Materials Today: Proceedings	47	312	317
Ruby D.; Jeyachidra J.	Hierarchical classification of time series data aggregation in underwater wireless sensor networks	2020	Underwater Technology	37	53	64
Rajaram R.; Kiruba M.; Suresh C.; Mathiyarasu J.; Kumaran S.; Kumaresan R.	Amperometric determination of Myo-inositol using a glassy carbon electrode modified with nanostructured copper sulfide	2020	Microchimica Acta	187		
Stapleton E.M.; Kizhakke Puliyakote A.; Metwali N.; Jeronimo M.; Thornell I.M.; Manges R.B.; Bilas M.; Kamal Batcha M.A.; Kumaravel M.S.; Durairaj K.; Karuppusamy K.; Kathiresan G.; Rahim S.A.; Shanmugam K.; Thorne P.S.; Peters T.M.; Hoffman E.A.; Comellas A.P.	Lung function of primary cooks using LPG or biomass and the effect of particulate matter on airway epithelial barrier integrity	2020	Environmental Research	189		
Rengadurai S.; Preetha B.; Ashok Kumar A.; Manikandan K.; Elavarasan P.	External mass transfer model for degradation of simulated textile effluent in packed bed reactor	2021	Rasayan Journal of Chemistry	14	254	260



Esther Zionia A.; Sathyapriya J.	Employee engagement as a rhizome for talent retention	2019	International Journal of Recent Technology and Engineering	8	860	864
Maheswari S.; Karunakaran M.; Chandrasekar L.B.; Kasirajan K.; Rajkumar N.	Correction to: Room temperature ammonia gas sensor using Nd-doped SnO <sub>2</sub> thin films and its characterization (Journal of Materials Science: Materials in Electronics, (2020), 31, 15, (12586-12594), 10.1007/s10854-020-03809-6)	2020	Journal of Materials Science: Materials in Electronics	31	14000	#####
Thamilvanan G.; Mohanasundaram K.	Quick response code as a communication medium	2019	International Journal of Innovative Technology and Exploring Engineering	8	4190	4192
Sivagami R.; Umamaheswari D.	Measuring the impact of knowledge management on the effectiveness in the classroom delivery using multiple regression	2019	International Journal of Recent Technology and Engineering	8	3966	3969
Dhavakumar P.; Gopalan N.P.	An efficient parameter optimization of software reliability growth model by using chaotic grey wolf optimization algorithm	2021	Journal of Ambient Intelligence and Humanized Computing	12	3177	3188
Kumar N.; Balamurugan A.; Balakrishnan P.; Vishwakarma K.; Shanmugam K.	Biogenic nanomaterials: Synthesis and its applications for sustainable development	2020	Biogenic Nano-Particles and their Use in Agro-ecosystems		99	132
Srividhya P.K.; Pugazhenthii A.; Aravindhana A.; Shivakumar N.; Vadivel B.	Effect of nano-nickel oxide coating on solar flat plate collector	2019	International Journal of Innovative Technology and Exploring Engineering	8	2111	2115

Mathimaran A.; Kumar A.	Changes in morphogenesis and carotenogenesis to influence polygalacturonase secretion in <i>Aspergillus carbonarius</i> mutant	2020	Archives of Microbiology	202	1285	1293
Monikandan B.S.; Sivasubramanian A.; Babu S.P.K.; Prasanna Venkatesan G.K.D.; Arunachalaperumal C.	Channel aware optimized proportional fair scheduler for LTE downlink	2020	Peer-to-Peer Networking and Applications	13	2135	2144
Sasikala A.; Vimala C.	Edge odd graceful labeling of umbrella graph and $n(2c^3 + p^2)$	2020	Advances in Mathematics: Scientific Journal	9	1307	1314
Suseela S.; Eswari R.; Nickolas S.; Saravanan M.	QoS optimization through PBMR algorithm in multipath wireless multimedia sensor networks	2020	Peer-to-Peer Networking and Applications	13	1248	1259
Ambreen S.; Dhivylakshmi A.; Shuruti B.; Dhivya T.; Danish M.	Applications of nanocarbon-based aerogels in purifying industrial wastewater	2021	Advances in Aerogel Composites for Environmental Remediation		297	327
Thenmozhi M.; Saravanan M.; Kumar K.P.M.; Suseela S.; Deepan S.	Improving the prediction rate of unusual behaviors of animal in a poultry using deep learning technique	2020	Soft Computing	24	14491	#####
Kanimozhi S.; Kathiresan G.; Kathalingam A.; Kim H.-S.; Doss M.N.R.	Organic nanocomposite Band-Aid for chronic wound healing: a novel honey-based nanofibrous scaffold	2020	Applied Nanoscience (Switzerland)	10	1639	1652
Venkatramanan M.; Sankar Ganesh P.; Senthil R.; Akshay J.; Veera Ravi A.; Langeswaran K.; Vadivelu J.; Nagarajan S.; Rajendran K.; Shankar E.M.	Inhibition of Quorum Sensing and Biofilm Formation in <i>Chromobacterium violaceum</i> by Fruit Extracts of <i>Passiflora edulis</i>	2020	ACS Omega	5	25605	#####

Kumar N.; Balamurugan A.; Shafreen M.M.; Rahim A.; Vats S.; Vishwakarma K.	Nanomaterials: Emerging trends and future prospects for economical agricultural system	2020	Biogenic Nano-Particles and their Use in Agro-ecosystems		281	305
Princess Rosaline S.J.; Jayanthi R.	Influence of hybrid fibre on the mechanical properties of concrete	2019	International Journal of Engineering and Advanced Technology	9	2637	2641
Vivek C.M.; Kesavan J.; Manikandan S.P.	Design and fabrication of ergonomic hedge trimming machine with angle adjustment	2020	International Journal of Scientific and Technology Research	9	983	986
Saravana Venkatesh G.; Rengaraj R.	Raw wind data pre-processing using data ware housing based ETL approach for analysing the wind characteristics	2021	Proceedings of the 2021 1st International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2021			
Pramanik S.; Thaker M.; Perumal A.G.; Ekambaram R.; Poondla N.; Schmidt M.; Kim P.-S.; Kutzner A.; Heese K.	Proteomic Atomics Reveals a Distinctive Uracil-5-Methyltransferase	2020	Molecular Informatics	39		
Sankar S.S.; Rathishkumar A.; Geetha K.; Kundu S.	A Simple Route for the Synthesis of Cobalt Phosphate Nanoparticles for Electrocatalytic Water Oxidation in Alkaline Medium	2020	Energy and Fuels	34	12891	#####
Dubey S.; Madana S.K.; Kallubai M.; Sarkar A.; Subramanyam R.	Unraveling the stability of plasma proteins upon interaction of synthesized uridine products: biophysical and molecular dynamics approach	2020	Journal of Biomolecular Structure and Dynamics	38	1927	1937

Lakshmi K.; Devendran T.	Human Fall Detection Using Motion History Image and SVM	2021	Communication s in Computer and Information Science	1393	466	476
Sangeetha A.; Sharmila T.	Hydrodynamic behaviour of a laboratory scale hybrid upflow anaerobic sludge blanket reactor	2020	Indian Journal of Chemical Technology	27	161	165
Vedavalli K.; Muruganantham N.	Defended data transmission scheme based reliable metering for smart grid applications	2019	Cluster Computing	22	14277	#####
Thamilvanan G.	Influence of home environment and classroom climate of higher secondary school students on their academic achievement in chemistry	2020	International Journal of Advanced Science and Technology	29	1756	1764
Kaleel Rahuman A.; Kavitha A.; Saleem Raja A.; Narmadha C.; Mohanraj P.	CMOS Class C amplifier for motion detection	2021	Materials Today: Proceedings	47	191	197
Geetha K.; Chellapandian M.; Arulnathan N.; Ramanathan A.	Nano zinc oxide - An alternate zinc supplement for livestock	2020	Veterinary World	13	121	126
Kavitha T.; Lakshmi K.	A drone detection system for preventing security threats using YOLO deep learning network	2020	International Journal of Advanced Science and Technology	29	1366	1376
Karthick R.; Babu S.P.K.	Review on Radio Frequency Micro Electro Mechanical Systems (RF-MEMS) Switch	2020	Lecture Notes in Electrical Engineering	637	437	453
Kavithayeni V.; Akash P.S.; Prakash V.; Henry R.; Pawar J.	Evaluation of photocatalytic dye degradation efficacy of ZnO nanoparticles synthesized by sol-gel method at different Calcination temperatures	2020	Pollution Research	39	1082	1088

Chandrasekar L.B.; Gnaneswari M.D.; Karunakaran M.	Synthesis, characterization and anti- bacterial activity of Mg and Ba-doped ZnO Nanoparticles	2020	Journal of Materials Science: Materials in Electronics	31	20270	#####
Srithar V.; Narayanan A.E.	Trusted security mobile Ad Hoc network (TS MANET) for communication	2020	International Journal of Advanced Science and Technology	29	1425	1431
Veeramanipriya E.; Umayal Sundari A.R.; Asaithambi R.	Numerical modelling of drying kinetics of banana flowers using natural and forced convection dryers	2019	International Journal of Innovative Technology and Exploring Engineering	8	4193	4197
Maheswari S.; Karunakaran M.; Chandrasekar L.B.; Kasirajan K.; Rajkumar N.	Room temperature ammonia gas sensor using Nd-doped SnO <sub>2</sub> thin films and its characterization	2020	Journal of Materials Science: Materials in Electronics	31	12586	#####
Dhamodaran S.; Albert Mayan J.; Saibharath N.; Nagendra N.; Sundarrajan M.	Spatial interpolation of meteorological data and forecasting rainfall using ensemble techniques	2020	AIP Conference Proceedings	2207		
Santhosh J.; Jayanthi R.	Assessment of various agitation speeds for Co digestion process	2019	International Journal of Recent Technology and Engineering	8	7979	7985
Aruna P.; George A.	Multi-agent-based interference mitigation technique in wireless communication system	2020	Lecture Notes in Networks and Systems	89	1245	1253
Rajagopalan A.; Kasinathan P.; Nagarajan K.; Ramachandramurthy V.K.; Sengoden V.; Alavandar S.	Chaotic self-adaptive interior search algorithm to solve combined economic emission dispatch problems with security constraints	2019	International Transactions on Electrical Energy Systems	29		
Devi K.R.; Selvan G.; Karunakaran M.; Kasirajan K.; Chandrasekar L.B.; Shkir M.; AlFaify S.	SILAR-coated Mg-doped ZnO thin films for ammonia vapor sensing applications	2020	Journal of Materials Science: Materials in Electronics	31	10186	#####

Perundyurai Thangavel S.; Vellingiri S.; Rajendrian S.; Munusamy S.; Chinnaiyan S.	K-nearest neighbour technique for the effective prediction of refrigeration parameter compatible for automobile	2020	Thermal Science	24	565	569
Ramasamy N.; Jeyasimman D.; Raju N.	Effect of Intermetallic Compounds and Inclusions in Normalizing Rolled C–Mn Steel Plate Butt Joint Failure	2020	Transactions of the Indian Institute of Metals	73	2333	2343
Jeyalakshmi S.; Nidhya M.S.; Suseendran G.; Pal S.; Akila D.	Developing mapping and allotment in volunteer cloud systems using reliability profile algorithms in a virtual machine	2021	Proceedings of 2nd International Conference on Computation, Automation and Knowledge Management, ICCAKM 2021		97	101
Yogapriya G.; Kumar S.	Identifying the perceptual qualities in a heritage precinct-entrance gateway of Thiruvasi village, Tamilnadu	2019	International Journal of Recent Technology and Engineering	8	2630	2634
Raja R.P.; Kathiresan G.; Ilavarasi R.	Nano titanium dioxide - An effective photocatalyst for emerging applications	2019	International Journal of Innovative Technology and Exploring Engineering	8	4464	4472
Harini S.; Aswini A.; Kale S.C.; Narawane J.; Pawar J.; Masurkar S.; Ruikar S.	Microwave-assisted solvothermal synthesis of tungsten oxide (Wo3) nanoparticles for microbial inhibition	2021	International Journal of Current Research and Review	13	76	79
Jayakrupa G.J.; Latha R.	Mindscapes in contemporary architecture-colors of creativity	2019	International Journal of Innovative Technology and Exploring Engineering	8	4184	4189
Prabu G.; Kannan N.; Narayanan A.E.	Requirement analysis framework for re-defining the process outcome	2020	Journal of Advanced Research in Dynamical and Control Systems	12	808	814

Lakshmi K.; Nivedhitha T.	Rule Induction for Predicting the Labor Onset using Cervical Length	2019	2019 Global Conference for Advancement in Technology, GCAT 2019			
Sundarrajan M.; Narayanan A.E.	An authentication scheme for an iot environment using advanced multiple encryption system	2019	International Journal of Innovative Technology and Exploring Engineering	9	868	874
Chandrasekar L.B.; Gnanasekar K.; Karunakaran M.	Spintronics – A mini review	2019	Superlattices and Microstructures	136		
Rajanandhini C.; Babu S.P.K.; Leonard Gibson Moses S.	Evaluation of the performance of UWB MB-OFDM system under four indoor channel models of IEEE802.15.4a under noisy channel conditions	2019	International Journal of Scientific and Technology Research	8	656	660
Tagore S.S.; Swaminathan J.; Manikandan D.; Gomathi S.; Nirmal Ram S.; Ramalingam M.; Sethuraman V.	Molecular, vibrational (FT-IR and FT-Raman), NMR and UV spectral analysis of imidazo[1,2-b]pyridazine using experimental and DFT calculations	2020	Chemical Physics Letters	739		
Akash Prabhu S.; Kathiresan G.; Suganthy R.	Synthesis of nano copper shell for conductive ink in wearable electronics	2019	International Journal of Innovative Technology and Exploring Engineering	8	4473	4477
Maheswari S.; Karunakaran M.; Kasirajan K.; Bruno Chandrasekar L.; Boomi P.	Yttrium -Substituted SnO <sub>2</sub> thin films and its gas sensing activity against NH <sub>3</sub> gas: Characterization and sensitivity evaluation	2020	Sensors and Actuators, A: Physical	315		
Yogapriya G.; Kumar S.	Identifying the perceptual qualities of a heritage precinct-entrance gateway (Rajagopuram)	2019	International Journal of Engineering and Advanced Technology	9	931	935

Kesavan J.; Velmurugan C.; Senthilkumar V.; Dinesh S.	Optimization of WEDM parameters on surface integrity characteristics of NiTi shape memory alloy	2020	Materials Today: Proceedings	43	183	190
Vishwakarma K.; Kumar N.; Shandilya C.; Mohapatra S.; Bhayana S.; Varma A.	Revisiting Plant–Microbe Interactions and Microbial Consortia Application for Enhancing Sustainable Agriculture: A Review	2020	Frontiers in Microbiology	11		
Vara Prasad Kaviti R.; Jeyasimman D.; Parande G.; Gupta M.; Narayanasamy R.; Koppad P.G.	Improving the friction and wear characteristics of AZ31 alloy with the addition of Al <sub>2</sub> O <sub>3</sub> nanoparticles	2019	Materials Research Express	6		
Pandian I.; Begum S.; Kumaravel S.P.	An integrated IoT and fuzzy logic controller system for biogas digester to predict methane generation	2021	Environment, Development and Sustainability			
Arivu Chelvan K.M.; Lakshmi K.	A novel heuristic rules for candidate answer sentence generation in machine reading comprehension system using linguistic knowledge document	2020	International Journal of Advanced Science and Technology	29	2829	2841
Ramya S.P.; Eswari R.	Attention-Based Deep Learning Models for Detection of Fake News in Social Networks	2021	International Journal of Cognitive Informatics and Natural Intelligence	15		
Thiagarajan J.; Srividhya P.K.; Balasubramanian P.	Thermochemical behaviors and co-gasification kinetics of palm kernel shells with bituminous coal	2020	Biomass Conversion and Biorefinery	10	697	706
Antony J.; Srividhya P.K.; Pugazhenti A.	Designing and modeling of solar panel with dish reflector for productive improvement by optimum utilisation of plant area	2019	International Journal of Recent Technology and Engineering	8	3955	3957



Vivek C.	Investigating the fracture behaviour of carburized and carbonitrided 16MnCr5	2020	IOP Conference Series: Materials Science and Engineering	764		
Velmurugan C.; Kesavan J.; Senthilkumar V.; Ramya K.	Effects of sintering temperature on dihedral angle of NiTiCu SMA fabricated using spark plasma sintering	2020	Materials Today: Proceedings	43	520	523
Nithya B.; Jeyachidra J.	Hybrid Approach of Genetic Algorithm and Differential Evolution in WSN Localization	2021	Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2021			
Kathalingam A.; Kesavan K.; Mary Pradeepa V.; Kim H.-S.	Fabrication and characterization of CuO/CdS heterostructure for optoelectronic applications	2020	Journal of Sol-Gel Science and Technology	96	178	187
Gomathi S.; Nirmalram J.S.; Muthiah P.T.	Synthesis, Spectroscopic Studies and Supramolecular Architecture in a Dinuclear Uranyl Complex, 2-Aminopyridinium [bis( $\mu$ -hydroxo)-tetrakis(nitrato- $\kappa$ 2-O,O')-tetraoxo-diuranium(VI)] Monohydrate	2020	Journal of Chemical Crystallography	50	114	121
Velmurugan C.; Senthilkumar V.; Kesavan J.; Ramya K.	Effects of sintering temperature on grain growth of NiTiCu shape memory alloy	2020	Materials Today: Proceedings	39	1570	1574

Krishna S.; Sathishkumar P.; Pugazhenthiran N.; Guesh K.; Mangalaraja R.V.; Kumaran S.; Gracia-Pinilla M.A.; Anandan S.	Magnetically recyclable CoFe <sub>2</sub> O <sub>4</sub> /ZnO nanocatalysts for the efficient catalytic degradation of Acid Blue 113 under ambient conditions	2020	RSC Advances	10	16473	#####
Vivek C.M.; Ramkumar P.; Srividhya P.K.; Sivasubramanian M.	Recent strategies and trends in implanting of renewable energy sources for sustainability - A review	2021	Materials Today: Proceedings	46	8204	8208
Arumugam S.; Kovalan A.; Narayanan A.E.	A Learning Performance Assessment Model Using Neural Network Classification Methods of e-Learning Activity Log Data	2019	Proceedings of the 2nd International Conference on Smart Systems and Inventive Technology, ICSSIT 2019		441	448
Jeyasimman D.; Senthilkumar V.; Narayanasamy R.	Hot deformation response of AL 6061-MWCNTs alloy composites	2019	International Journal of Innovative Technology and Exploring Engineering	8	27	32
Kathiresan G.; M. N.R.D.	Biobased (nanochitin, nanochitosan) polymer nanocomposite membranes and their pervaporation applications	2020	Polymer Nanocomposite Membranes for Pervaporation		35	79
Manikandan D.; Swaminathan J.; Tagore S.S.; Gomathi S.; Sabarinathan N.; Ramalingam M.; Balasubramani K.; Sethuraman V.	Crystallographic, spectral and computational studies on (S)-4-(4-aminobenzyl) oxazolidin-2-one	2020	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	239		
Mervin George G.; Dhanalakshmi B.; Nivetha N.R.P.; Sundarrajan M.; Akshya J.	Advanced vehicle management with cyber-physical system and vehicular cloud computing	2019	International Journal of Innovative Technology and Exploring Engineering	8	1005	1009

Shreedhana K.; Ilavarasi R.	Fabrication of nanocrystalline cellulose from banana peel obtained from unripe plantain bananas	2020	Journal of Physics: Conference Series	1644		
S. K.; Sathishkumar P.; N. P.; Guesh K.; Mangalaraja R.V.; S. K.; Gracia-Pinilla M.A.; S. A.	Heterogeneous sonocatalytic activation of peroxomonosulphate in the presence of CoFe <sub>2</sub> O <sub>4</sub> /TiO <sub>2</sub> nanocatalysts for the degradation of Acid Blue 113 in an aqueous environment	2020	Journal of Environmental Chemical Engineering	8		
Subramaniyan I.K.; Srividhya P.K.; Jeyasimman D.	Effect of feeding technique in mechanical behaviour of Sic/TiO <sub>2</sub> reinforced AA 6082 composites	2019	International Journal of Recent Technology and Engineering	8	8233	8236
Sundarrajan; Narayanan A.E.	Securing the UNICODE Data transmission on IoT Environment using Hybrid Encryption Scheme (HES)	2021	2021 International Conference on Computer Communication and Informatics, ICCCI 2021			
Rajanandhini C.; Babu S.P.K.	Comparison on carrier frequency offset estimation in multi band orthogonal frequency division multiplexing (OFDM) system	2020	Lecture Notes on Data Engineering and Communications Technologies	46	551	560
Sundarrajan M.; Narayanan A.E.	Efficient mathematical encryption (EME) model for securing iot device communication	2020	Advances in Mathematics: Scientific Journal	9	2903	2911
Geetha P.; Gnanam A.; Suseela S.	Unitary partition algorithm in shortest path problems	2019	International Journal of Recent Technology and Engineering	8	5307	5311
Balasubramani V.; Ahamed A.N.; Chandraleka S.; Kumar K.K.; Kuppusamy M.R.; Sridhar T.M.	Highly Sensitive and Selective H <sub>2</sub> S Gas Sensor Fabricated with $\beta$ -Ga <sub>2</sub> O <sub>3</sub> /rGO	2020	ECS Journal of Solid State Science and Technology	9		

Thamil Selvi N.; Thiruvallar Selvan P.; Babu S.P.K.; Pandeewari R.	Multiband metamaterial- inspired antenna using split ring resonator	2020	Computers and Electrical Engineering	84		
Dahal R.K.; Norouzi O.; Cameron J.; Pandian A.; Shrestha A.; Acharya B.; PK S.; Dutta A.	A study on potential recovery of energy and value-added chemicals from in-situ pyrolysis of Bambusa balcooa over basic metal oxides	2020	Journal of Analytical and Applied Pyrolysis	147		
Geetha P.; Gnanam A.	Solving assignment problems using consecutive integers with residue partitioning	2019	International Journal of Innovative Technology and Exploring Engineering	8	258	261
Poonguzhali R.; Lakshmi K.	Evaluating the performance of recurrent neural network based question answering system with easy and complex bAbI QA tasks	2020	International Journal of Advanced Science and Technology	29	1389	1402
Purushothaman B.; Suganthi N.; Shanmugam K.	Qualitative and quantitative determination of various extracts of Ocimum basilicum L. leaves	2020	Journal of Natural Remedies	20	53	60
Rajanadran K.V.R.	Paradigm shift of organization: A conceptual approach	2019	International Journal of Recent Technology and Engineering	8	731	733
Vivek C.M.; Thamilvanan G.; Mohanasundaram K.	Influence of activity based assessment in outcome-based education	2019	Test Engineering and Management	81	4524	4528
Vedavalli K.; Muruganatham N.	Smart internet of things system based reliable and secure data transmission in smart energy meter using multi- model building predictive control algorithm	2019	Journal of Advanced Research in Dynamical and Control Systems	11	836	849

Anitha C.; Rajandran K.V.R.	Evaluating the employability skills towards performance of industrial employees	2019	International Journal of Recent Technology and Engineering	8	706	711
Vijayaradeep S.; Harini S.; Prakash V.; Pawar J.; Henry R.	Desalination of Water Using Cellulose Paper Coated with Graphene Oxide Nanostructured Material	2018	Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018		191	194
Thiagarajan J.; Srividhya P.K.; Balasubramanian P.	Thermal behavior and pyrolytic kinetics of palm kernel shells and Indian lignite coal at various blending ratios	2018	Bioresource Technology Reports	4	88	95
Selvi N.T.; Pandeewari R.; Selvan P.T.; Ranjan A.	A selective frequency reconfigurable microstrip patch antenna using PIN diodes for cognitive radio applications	2018	Proceedings of the International Conference on Inventive Computing and Informatics, ICICI 2017		980	984
Shanmuganathan R.; MubarakAli D.; Prabakar D.; Muthukumar H.; Thajuddin N.; Kumar S.S.; Pugazhendhi A.	An enhancement of antimicrobial efficacy of biogenic and ceftriaxone-conjugated silver nanoparticles: green approach	2018	Environmental Science and Pollution Research	25	10362	#####
Jose S.; Gettu R.; Indhuja S.	Flexural toughness characterization of steel, polymer and glass fibre reinforced concrete based on the notched beam test	2018	Indian Concrete Journal	92	35	50
Priyadharshini M.; Sindhumathi U.M.; Bhuvanewari S.; Rajkamal N.; Chelvan K.M.A.	Automatic Irrigation System using Soil Moisture Sensor with Bigdata	2019	International Journal of Engineering Trends and Technology	67	58	61
Pugazhenth R.; Muthuraman R.K.; Ajith Arul Daniel S.; Vijayananth S.	Minimizing production operation cycle time using exponential distribution heuristic	2018	International Journal of Mechanical Engineering and Technology	9	1429	1437

Saravanan S.; Saravanan M.; Jeyasimman D.	Experimental prediction and investigation of spring back in u bending profile process using rsm and anova	2019	International Journal of Mechanical and Production Engineering Research and Development	9	760	772
Pandian S.G.; Ramasamy J.; Kumarasamy M.	EFFECT OF MIXING SPEED ON ANAEROBIC DIGESTION OF SUGARCANE TRASH INTO BIOGAS IN A BATCH-FED DIGESTER	2019	ARPN Journal of Engineering and Applied Sciences	14	3509	3514
Purushothaman B.; Prasannasrinivasan R.; Suganthi P.; Ranganathan B.; Gimbun J.; Shanmugam K.	A comprehensive review on Ocimum basilicum	2018	Journal of Natural Remedies	18	71	85
Vinoth R.; Kumar D.; Adhikari R.; Vijayapradeep S.; Geetha K.; Ilavarasi R.; Mahalingam S.	Steady and transient flow CFD simulations in an aorta model of normal and aortic aneurysm subjects	2019	Lecture Notes in Electrical Engineering	506	29	43
Ajith Arul Daniel S.; Vijayananth S.; Pugazhenthir R.; Muthuraman R.K.	Impact analysis of InSaS rifle bullet against the vehicle aluminium composite armour plate using LS-DYNA	2018	International Journal of Mechanical Engineering and Technology	9	1438	1446
Guru P.; Umamaheswari D.	A study on factors deciding selection of policies of private life insurance companies among consumers in Thanjavur district	2019	International Journal of Recent Technology and Engineering	7	45	48
Anandh T.; Vinoth R.	Investigation of drinking water demand and its compensation through adoption of rain water harvesting in Thanjavur	2018	International Journal of Mechanical Engineering and Technology	9	799	801
Vanitha R.	BOVW classification method with particle swarm optimization in big data	2019	Test Engineering and Management	81	4529	4535
Amaladhas Tensingh A.; Sathyapriya J.; Rajandran K.V.R.	Impact of social traits of social movements towards social empowerment in Kanyakumari district	2019	International Journal of Recent Technology and Engineering	8	700	705

Suganthi K.; Umamaheshwari D.; Valli T.; Adhithya N.	Psychological issues faced by government school teachers on upgradation of technological and teaching techniques with special reference to Kumbakonam	2019	International Journal of Recent Technology and Engineering	8	738	743
Chandra A.	Market simulation in present scenario	2019	International Journal of Recent Technology and Engineering	8	712	715
Nandhini M.; Monika M.; Prakash V.; Pawar J.; Henry R.	Synthesis and Characterization of Cadmium Oxide Nanoparticles for Antibacterial Activity	2018	Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018		195	197
Srimathi J.; Valli Mayil V.	Fuzzy gene optimized reweight boosting classification for energy efficient data gathering in WSN	2019	International Journal of Computer Networks and Communication s	11	95	112
Arunachalam S.T.; Shahana R.; Kavitha T.	Advanced Convolutional Neural Network Architecture: A Detailed Review	2019	International Journal of Engineering Trends and Technology	67	183	187
Kaviti R.V.P.; Jeyasimman D.; Parande G.; Gupta M.; Narayanasamy R.	Investigation on dry sliding wear behavior of Mg/BN nanocomposites	2018	Journal of Magnesium and Alloys	6	263	276
Suresh Arunachalam T.; Shahana R.; Vijayasri R.; Kavitha T.	Flying Object Detection and Classification using Deep Neural Networks	2019	International Journal of Engineering Trends and Technology	67	124	130
Dhavakumar P.; Gopalan N.P.	Defect prediction and dimension reduction methods for achieving better software quality	2019	International Journal of Recent Technology and Engineering	8	2168	2179

Aishwariyashinde S.; Sathyapriya J.; Vijayalakshmi P.S.; Sudha	Factors influencing employee absenteeism in IT Companies at Trichy	2019	International Journal of Recent Technology and Engineering	8	856	859
Muhammed Sajjad A.; Sathyapriya J.	Effect of entrepreneurship education on mba students in kerala on their entrepreneurial intent with special reference to the students of Mahatma Gandhi university, Kottayam, Kerala	2019	International Journal of Recent Technology and Engineering	8	391	397
Guru P.; Umamaheswari D.	Consumer buying behaviour towards life insurance policies in thanjavur city	2019	International Journal of Recent Technology and Engineering	8	727	730
Anandan V.; Senthamilkumar S.; Sundararajulu V.; Gunaselvi S.; Jeganathan M.	Comparative study on the behavior of conventional ferrocement and modified ferrocement wrapped columns	2019	International Journal of Advanced Research in Engineering and Technology	10	22	29
Suseela S.; Jeevanantham S.; Kavitha A.; Saravanan M.S.; Narayanan A.E.	Challenging issues for handling multimedia data in wireless multimedia sensor networks	2019	Journal of Computational and Theoretical Nanoscience	16	1215	1220
Ceronmani S.V.; George A.	Pyramidal-Based Connected Dominating Set for Tactical and Energy Harvest Networks	2018	2017 9th International Conference on Advanced Computing, ICoAC 2017		149	156
Aarthi Dhakshana J.D.; Rajandran K.V.R.	Farmers integrated management challenges of plantains product at cauvery delta, Thanjavur District	2019	International Journal of Recent Technology and Engineering	8	691	695



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Thamilvanan G.; Thavasumani S.	Job satisfaction and occupational stress on medical representatives in trichy and tanjore districts of Tamil Nadu	2019	International Journal of Recent Technology and Engineering	8	865	868
Subramanian R.; Shanmugam K.; Marappan S.	Fabrication of robust superhydrophobic coatings using PTFE-MWCNT nanocomposite: Supercritical fluid processing	2018	Surface and Interface Analysis	50	464	470
Saravanan S.; Saravanan M.; Jeyasimman D.	Study on effects of spring back on sheet metal bending using simulation methods	2018	International Journal of Mechanical and Production Engineering Research and Development	8	923	932
Begum M.S.; George A.	An integrated data analytic framework with enhanced security using hybrid hardware and software based encryption/decryption	2018	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017		841	845
Kathalingam A.; Vikraman D.; Karuppasamy K.; Kim H.-S.; Park H.-C.; Shanmugam K.	Maskless patterned growth of ZnO nanorod arrays using tip based electrolithography	2018	Materials Science in Semiconductor Processing	77	24	30
Chelvan K.M.A.; Lakshmi K.	Evaluating the natural language understanding of a machine by answering multiple choice questions for a comprehension text using proposed lkd model	2019	International Journal of Recent Technology and Engineering	7	891	896

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Gomathi S.; Sathya U.; Sharmila Tagore S.; Nirmal Ram J.S.; Manikandan D.; Sethuraman V.; McMillen C.	1,3-Bis(2-cyanopropan-2-yl)-5-methyl-benzene	2019	IUCrData	4		
Farjana Begum A.; Ashok Kumar A.	Comparative study on extraction process for pullulan production from aureobasidium pullulans	2019	Research Journal of Chemistry and Environment	23	77	82
Narmadha C.; Marichamy P.; Narayanan A.E.	An energy efficient clustering algorithm using harmony memory search for wireless sensor network	2018	International Review on Modelling and Simulations	11	325	332
Selvabharathi D.; Muruganantham N.	Battery health and performance monitoring system: A closer look at state of health (SoH) assessment methods of a lead-acid battery	2019	Indonesian Journal of Electrical Engineering and Computer Science	18	261	267
Baskaran V.; Sakthivel S.	Current-voltage characteristics of Cu <sub>2</sub> ZnSnS <sub>4</sub> absorber layer for energy harvesting devices	2019	Materials Research Express	6		
Giri S.S.; Yun S.; Jun J.W.; Kim H.J.; Kim S.G.; Kang J.W.; Kim S.W.; Han S.J.; Sukumaran V.; Park S.C.	Corrigendum: Therapeutic Effect of Intestinal Autochthonous Lactobacillus reuteri P16 Against Waterborne Lead Toxicity in Cyprinus carpio (Frontiers in Immunology, (2018), 9, (1824), 10.3389/fimmu.2018.01824)	2018	Frontiers in Immunology	9		

Anandan V.; Senthamilkumar S.; Sundararajulu V.; Gunaselvi S.; Jeganathan M.	Comparative study on the behavior of modified ferrocement wrapped columns and cfrp wrapped columns	2019	International Journal of Advanced Research in Engineering and Technology	10	41	48
Dhawalikar M.N.; Mariappan V.; Srividhya P.K.; Kurtikar V.	Multi-state failure phenomenon and analysis using semi- Markov model	2018	International Journal of Quality and Reliability Management	35	2080	2091
Vetriselvan M.; Senthamilkumar S.	Study on structural properties of concrete by partial replacement of fly ash and quarry dust	2018	International Journal of Civil Engineering and Technology	9	621	626
Prabhakaran A.K.; Rajandran K.V.R.	Work environment and stress of bank employees	2019	International Journal of Recent Technology and Engineering	8	716	718
Salomi S.; Prakash S.; Singaravadivel S.; Lakshminarayanan K.	Customer's perception and its impact on market share of mobile communication industry with special reference to thanjavur town	2019	International Journal of Recent Technology and Engineering	8	734	737
Ruby D.; Jeyachidra J.	An Analysis of Repository and Similarity Measures in Meteorological Data of Underwater Wireless Sensor	2019	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology, ICECA 2019		964	968
Arumugam R.; Rajathi M.	Applications of manpower levels for business with various recruitment rates in the system through stochastic models	2019	International Journal of Recent Technology and Engineering	8	719	722
Giri S.S.; Jun J.W.; Yun S.; Kim H.J.; Kim S.G.; Kang J.W.; Kim S.W.; Han S.J.; Park S.C.; Sukumaran V.	Characterisation of Lactic Acid Bacteria Isolated from the Gut of Cyprinus carpio That May Be Effective Against Lead Toxicity	2019	Probiotics and Antimicrobial Proteins	11	65	73

Rajiv S.; Kumaran S.; Sathish M.	Long-term-durable anti-icing superhydrophobic composite coatings	2019	Journal of Applied Polymer Science	136		
Vijayananth S.; Ajith Arul Daniel S.; Muthuraman R.K.; Pugazhenth R.	Analysis of material removal rate and surface roughness in WEDM of Al/SiC/MoS <sub>2</sub>	2018	International Journal of Mechanical Engineering and Technology	9	1419	1428
Arunachalam S.T.; Shahana R.; Vijayasri R.; Kavitha T.	Flying Object Detection and Classification Techniques: A Survey	2019	International Journal of Engineering Trends and Technology	67	7	11
Sundarrajan M.; Narayanan A.E.	A hardy wall encrypted system for securing iot device id	2019	International Journal of Recent Technology and Engineering	8	586	590
Priya C.; Nagarajan B.	7A study on practising emerging ICT tools in english language teaching classes and their impacts	2019	Test Engineering and Management	81	4503	4514
Muthuraman R.K.; Pugazhenth R.; Vijayananth S.; Ajith Arul Daniel S.; Vairavel M.	Computational fluid dynamic analysis of re-entry of space vehicles	2019	International Journal of Mechanical and Production Engineering Research and Development	9	780	791
Veeramanipriya E.	Drying kinetics of forced convection solar dryer for fruit drying	2019	International Journal of Recent Technology and Engineering	7	323	327
Muthu K.; Vijayakumar B.; Alagu T.	In vitro study on the effect of nanoparticles and transfersomes as targeted drug carrier for cancer	2019	Nanoscience and Nanotechnology - Asia	9	512	518
Nisha T.M.; Jayasudha P.	Syntactic analysiss of spatial configuration in indo-portuguese houses in goa	2019	International Journal of Recent Technology and Engineering	8	3037	3045

Kumar A.; Mathimaran A.; Shrikanta A.H.; Govindaswamy V.	Role of Partially Saturated Canthaxanthin and Ergosterol in the Survival of <i>Aspergillus carbonarius</i> Mutant at Extreme Acidic Condition	2018	Microbiology (Russian Federation)	87	183	190
Guru P.; Umamaheswari D.	An empirical investigation to analyse the factors influencing the consumer perception regarding life insurance policies using path analysis	2018	International Journal of Supply Chain Management	7	927	932
Muralidharan M.; Jeyachidra J.	A competent information retrieval in medical subject heading using phrases term weightage based ranking algorithm	2019	Journal of Advanced Research in Dynamical and Control Systems	11	1016	1023
Abirami; Kavinila K.; Kavitha T.	Role of Machine Learning in Object Detection: A Review	2019	International Journal of Engineering Trends and Technology	67	192	194
Kathiresan G.; Kanimozhi; Arulnathan N.	Silver nanoparticle: A bactericidal agent for pathogenic poultry bacteria	2019	International Journal of Recent Technology and Engineering	7	340	345
Jeyanthi R.; Arockiadoss S.	Language proficiency among higher secondary students with respect to psychological factors	2019	Indian Journal of Public Health Research and Development	10	72	75
Nowshath Ahamed A.; Udhayasuriyan V.; Prakash V.; Pawar J.; Henry R.	Experimental Study of Superhydrophobic Effect of Functionalized Silica Nanoparticles on Multiple Surface	2018	Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018		161	164

Raj F.S.; George A.	On the metric dimension of HDN 3 and PHDN 3	2018	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPSI 2017		1333	1336
Rajandran K.V.R.	Stress management techniques of ites employees	2019	International Journal of Recent Technology and Engineering	8	378	382
Giri S.S.; Sukumaran V.; Sen S.S.; Park S.C.	Use of a potential probiotic, Lactobacillus casei L4, in the preparation of fermented coconut water beverage	2018	Frontiers in Microbiology	9		
Natarajan P.R.; Arulraj A.; Umamaheswari	Aerodynamic technologies and sustainable strategies for improving the operational excellence of tourism hospitals in Coimbatore	2018	International Journal of Mechanical and Production Engineering Research and Development	8	155	160
Swain D.; Pani S.K.; Swain D.	Diagnosis of coronary artery disease using 1-D convolutional neural network	2019	International Journal of Recent Technology and Engineering	8	2959	2966
Ashok J.; Kumar S.S.; Kumar P.S.; Jeganathan M.	Air quality assessment of Neyveli in Cuddalore district, Tamilnadu, India	2018	International Journal of Civil Engineering and Technology	9	729	735
Sharmila Begum M.; George A.	Data analytic techniques with hardware-based encryption for high-profile dataset	2019	Advances in Intelligent Systems and Computing	813	15	23

Leong K.H.; Lee J.Q.; Kumar A.A.; Sim L.C.; Pichiah S.	Facile technique for the immobilisation of tio 2 nanoparticles on glass substrates for applications in the photocatalytic self- cleaning of indoor air pollutants ; [ Salutan nanopartikel tio 2 ke atas substrat kaca melalui teknik mudah untuk penyingkiran bahan pencemar udara dalaman melalui proses fotokatalisis ]	2019	Malaysian Journal of Analytical Sciences	23	90	99
Esther Zionia A.; Sathyapriya J.	An empirical study on social media as a new world for talent acquisition a factor analysis approach	2018	International Journal of Engineering and Technology(UAE)	7	729	732
Ruban Antony M.; Arulraj A.	Perational excellence in manufacturing organizations through employee engagement - A critical analysis on the driving factors of employee engagement	2018	International Journal of Mechanical and Production Engineering Research and Development	8	1271	1282
Saravanan S.; Saravanan M.; Jeyasimman D.	Study of spring back effects on U-bending profile process in common metal sheets	2019	International Journal of Mechanical and Production Engineering Research and Development	9	752	759
Kavithayeni V.; Geetha K.; Akash Prabhu S.	A review on dye reduction mechanism using nano adsorbents in waste water	2019	International Journal of Recent Technology and Engineering	7	332	339
Manikandan M.; Raghunathan T.; Sundarrajan M.; Akshya J.	Resource allocation assisted by cloud computing in cyber- physical system (CPS)	2019	International Journal of Recent Technology and Engineering	8	1287	1290

Kathalingam A.; Kesavan K.; Rana A.H.S.; Jeon J.; Kim H.-S.	Analysis of Sn concentration effect on morphological, optical, electrical and photonic properties of spray-coated Sn-doped CdO thin films	2018	Coatings	8		
Ashok J.; Senthamil Kumar S.; Satheesh Kumar P.; Jeganathan M.	Estimation of cement kiln exhaust on air quality of ariyalur in terms of suspended particulate matter-a case study	2019	International Journal of Civil Engineering and Technology	10	498	508
Manikandan P.; Senthamilkumar S.	Study on T beam concrete under gradual loading conditions by using recycled E waste in concrete	2018	International Journal of Civil Engineering and Technology	9	614	620
Giri S.S.; Yun S.; Jun J.W.; Kim H.J.; Kim S.G.; Kang J.W.; Kim S.W.; Han S.J.; Sukumaran V.; Park S.C.	Therapeutic effect of intestinal autochthonous Lactobacillus reuteri P16 against waterborne lead toxicity in Cyprinus carpio	2018	Frontiers in Immunology	9		
Dinu Raj S.; Snehya A.V.	An analysis of rejection rate of a blood bag manufacturing firm with a six sigma perspective	2019	International Journal of Recent Technology and Engineering	7	328	331
Nisha A.T.M.; Jayasudha P.	Study of Indo - Portuguese architecture on the east and west Coast of India	2019	International Journal of Scientific and Technology Research	8	457	462
Saravanan S.; Saravanan M.; Jeyasimman D.; Vairavel M.	Review – methods and measurements of springback evaluation	2018	International Journal of Mechanical Engineering and Technology	9	1079	1090
Ruby D.; Jeyachidra J.	Semaphore based data aggregation and similarity findings for underwater wireless sensor networks	2019	International Journal of Grid and High Performance Computing	11	59	76



Aruna P.; George A.	Design and Development of Dynamic Mobile Adhoc E-learning System	2018	2017 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2017			
Ramasamy N.; Jeyasimman D.; Kathiravan R.; Raju N.	Influence of Welding Sequence on Residual Stresses Induced in As-Welded Plug Weld of Low-Carbon Steel Plate	2019	Transactions of the Indian Institute of Metals			
Selvi N.T.; Selvan P.T.; Babu S.P.K.	EC-SRR inspired CPW-fed triple band antenna with staircase shaped ground plane for WLAN and C-band applications	2018	International Journal of Microwave and Optical Technology	13	290	298
Gnanaraj S.; Anand Jerard Sebastine A.; Parameswaran S.	The issues of internet addiction and its implications on psychosocial aspects of adolescents	2019	International Journal of Recent Technology and Engineering	8	723	726
Kathalingam A.; Shanmugam K.; Park H.-C.; Kim H.-S.	Fabrication of arrayed metal oxide structures by electrochemical local oxidation using metallic tip with electric field and humidity	2018	Journal of Materials Processing Technology	252	304	312
Sangeetha A.; Ambalavanan R.; Santhosh J.; Murugan G.T.	Performance evaluation of paper mill effluent in a granular bed hybrid up-flow anaerobic sludge blanket (HUASB) reactor	2018	Nature Environment and Pollution Technology	17	111	115
Selvakumar V.; Muruganandam S.; Tamizharasan T.; Senthilkumar N.	Machinability evaluation of Al-4%Cu-7.5%SiC metal matrix composite by Taguchi-Grey relational analysis and NSGA-II	2016	Sadhana - Academy Proceedings in Engineering Sciences	41	1219	1234
Shanmugavelu V.A.; Ramachandran N.; Raghunath P.N.; Suguna K.	Experimental and analytical studies on reinforced concrete beams with GFRP laminates	2016	International Journal of Applied Engineering Research	11	1950	1953

Usha Rani L.S.U.; Jagajothi G.; Thiruvalar Selvan P.	Digital filter for real-time impulse noise suppression in video processing using Dynamic Partial Reconfiguration technique	2016	2015 International Conference on Control, Communication and Computing India, ICCI 2015		433	436
Satheesh A.; Kumar D.; Dharmalingam P.; Lakshmipriya T.K.S.; Krishnaveni S.	Dynamically reconfigurable queue for intel IXP2400 network processor	2017	Journal of Internet Technology	18	95	101
Giri S.S.; Sen S.S.; Jun J.W.; Sukumaran V.; Park S.C.	Role of Bacillus licheniformis VS16-derived biosurfactant in mediating immune responses in carp rohu and its application to the food industry	2017	Frontiers in Microbiology	8		
Kesavan K.; Kathalingam A.; Kim H.-S.; Sundari A.R.U.	Effects of fluorine doping on structural, optical and electrical properties of spray deposited CdO thin films	2016	Superlattices and Microstructures	100	76	88
Raghavan A.R.; Mariappan P.; Senthamilkumar S.	Groundwater quality in Thiruvaiyaru block, Thanjavur district	2017	Indian Journal of Environmental Protection	37	19	24
Veerakumar S.; Amanulla S.S.D.; Ramanathan K.	Anti-cancer efficacy of ethanolic extracts from various parts of Annona squamosa on MCF-7 cell line	2016	Journal of Pharmacognosy and Phytotherapy	8	147	154
Kamalesu K.S.; Swarnalatha S.K.; Gomathi G.S.; Thomas Muthiah T.M.P.	Synthesis, structure, optical and thermal studies of a new organic cocrystal: 2-Amino-5-nitropyridine: 2-Naphthoxy acetic acid	2017	Optik	140	786	793
Giri S.S.; Sen S.S.; Jun J.W.; Park S.C.; Sukumaran V.	Heat-killed whole-cell products of the probiotic Pseudomonas aeruginosa VSG2 strain affect in vitro cytokine expression in head kidney macrophages of Labeo rohita	2016	Fish and Shellfish Immunology	50	310	316

Saravanan M.; Aramudhan M.	Trust integrated federated architecture ranking service models in cloud computing environment	2017	Advances in Intelligent Systems and Computing	508	223	232
Manjula S.; Lakshmi K.	A study on object detection	2016	International Journal of Pharmacy and Technology	8	22875	#####
Pandurangan V.; Amanulla S.S.D.; Ramanathan K.	Anticancer efficacy of dry and fresh Allium ascalonicum (shallot) against HepG2 cell line	2016	National Journal of Physiology, Pharmacy and Pharmacology	6	196	199
Mohamed I.N.; Siddiqui A.T.; Ajaz S.; Mohamed Idhris S.	Student Information Report System with SMS (SIRS)	2016	2016 International Conference on Computer Communication and Informatics, ICCCI 2016			
Maruthamuthu R.; Ramanathan K.	Ethnomedical survey of plants used by malayali community to treat coronary heart diseases in Pachamalai Hills	2016	National Journal of Physiology, Pharmacy and Pharmacology	6	336	339
Ceronmani Sharmila V.; George A.	Implementation of connected dominating set in fog computing using knowledge-upgraded iot devices	2018	Knowledge Computing and Its Applications: Knowledge Manipulation and Processing Techniques: Volume 1		3	24
Parkavi A.; Lakshmi K.	Pattern analysis of blooms knowledge level students performance using association rule mining	2017	2017 IEEE International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials, ICSTM 2017 - Proceedings		90	93

Prabu P.; Kayalvizhi M.; Ramachandra Raja C.; Vasuki G.	Growth, structural, optical and thermal properties of an organic NLO material: L- Argininium hydrogen squarate	2016	Optik	127	1660	1664
Karnan M.; Subramani K.; Srividhya P.K.; Sathish M.	Electrochemical Studies on Corncob Derived Activated Porous Carbon for Supercapacitors Application in Aqueous and Non-aqueous Electrolytes	2017	Electrochimica Acta	228	586	596
Jaseema Yasmin J.H.; Mohamed Sathik M.	Accurate border detection of skin lesions in skin cancer images using log edge detector	2017	International Journal of Applied Engineering Research	12	1860	1866
Dawood Amanulla S.S.; Akash S.A.; Robert J.; Ramanathan K.; Padmanabhan G.; Vijayaraghavan B.	Association of bone morphogenic protein 4 gene polymorphism and left ventricle hypertrophy in diabetic chronic kidney disease patients: A pilot study	2017	New Horizons in Translational Medicine	3	272	276
Arulselvan A.; Pandiyan V.; Velraj R.	Experimental investigation of the thermal performance of a heat pipe under various modes of condenser cooling	2017	Heat Transfer Research	48	1151	1164
Sathishkumar P.; Mangalaraja R.V.; Anandan S.	Review on the recent improvements in sonochemical and combined sonochemical oxidation processes - A powerful tool for destruction of environmental contaminants	2016	Renewable and Sustainable Energy Reviews	55	426	454

Jeyasimman D.; Narayanasamy R.	Effect of coarse grain content on microstructure, cold workability and strain hardening behavior of trimodal AA 6061 nanocomposites reinforced with multi-walled carbon nanotubes	2016	Advanced Powder Technology	27	1845	1851
Giri S.S.; Sen S.S.; Chi C.; Kim H.J.; Yun S.; Park S.C.; Sukumaran V.	Effects of intracellular products of Bacillus subtilis VSG1 and Lactobacillus plantarum VSG3 on cytokine responses in the head kidney macrophages of Labeo rohita	2015	Fish and Shellfish Immunology	47	954	961
Sankar Ganesh P.; Sathyaraj K.; Chandrakala N.; Rajendran K.; Kumaran S.	Patterning of Vibrio spp. On oxide dots of silicon for the development of biosensor	2015	Indian Journal of Geo-Marine Sciences	44	1796	1798
Satheesh M.B.; Sivasubramanian A.; Babu S.P.K.	A review of MAC scheduling algorithms in LTE system	2017	International Journal on Advanced Science, Engineering and Information Technology	7	1056	1068
Giri S.S.; Jun J.W.; Sukumaran V.; Park S.C.	Dietary Administration of Banana (Musa acuminata) Peel Flour Affects the Growth, Antioxidant Status, Cytokine Responses, and Disease Susceptibility of Rohu, Labeo rohita	2016	Journal of Immunology Research	2016		
Jenifer A.E.; Karthigaiveni S.	New public integrity auditing scheme for cloud data storage using MAC and symmetric key cryptographic algorithms	2016	International Journal of Applied Engineering Research	11	1894	1899

Giri S.S.; Jai Suda S.; Sukumaran V.; Park S.C.	Dietary emodin affects the growth performance, immune responses, and disease resistance of <i>Labeo rohita</i> against <i>Aeromonas hydrophila</i>	2016	Aquaculture International	24	85	99
Thaiyalnayaki D.; Jayanthi R.	Characterisation and composition of municipal solid waste - A case study	2016	International Journal of Civil Engineering and Technology	7	61	66
Parkavi A.; Lakshmi K.	Predicting the course knowledge level of students using data mining techniques	2017	2017 IEEE International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials, ICSTM 2017 - Proceedings		128	133
Kumar S.S.; Sethuraman V.	A new process for deprotection of acetyl and benzoyl groups in synthesis of azacitidine	2018	Asian Journal of Chemistry	30	1521	1524
Subramanian C.V.; Ramachandran N.; Senthamil Kumar S.	Performance evaluation of traditional and modern residential buildings for thermal comfort by questionnaire survey in Thanjavur	2017	International Journal of Civil Engineering and Technology	8	440	451
Farjana Begum A.; Thirumavalavan K.; Chittibabu S.	Optimization of media components for pullulan production	2016	Research Journal of Pharmaceutical, Biological and Chemical Sciences	7	1708	1719
Thinakaran N.; Kumar D.	Enhancement of FBMC communication through equalisation techniques	2017	International Journal of Applied Engineering Research	12	5402	5410

Srinivasan K.; Ambalavanan R.; Sundararajulu V.	Studies on admixing multi-walled carbon nanotubes with cement composites - A review	2017	International Journal of Civil Engineering and Technology	8	777	785
Thereresal T.; Suganthi Brindha G.; Sathish A.; Dhanapal S.	All optical reversible counters	2016	International Journal of Control Theory and Applications	9	6797	6807
Madanagopal A.; Periandy S.; Gayathri P.; Ramalingam S.; Xavier S.; K. Ivanov V.	Spectroscopic and computational investigation of the structure and pharmacological activity of 1-benzylimidazole	2017	Journal of Taibah University for Science	11	975	996
Thiruchelvi G.; Selvi J.A.	Bandwidth-availability- traffic-service: Real time service orient buffer management for qos development in IP networks	2017	Journal of Computational and Theoretical Nanoscience	14	5401	5406
Krishnaveni S.; Satheesh A.; Kannan E.	Review of big data on student information for finding the uncertainty in higher education enrollment	2015	International Journal of Grid and High Performance Computing	7	21	32
Pai Bhale N.G.; Srividhya P.K.; Mariappan V.; Patil A.N.; Prabhakaran M.	Process improvement of fiber glass industry	2017	International Journal of Performability Engineering	13	19	28
Ebenezar U.S.; Gopalan N.P.	Community detection methods and approaches in social networks-an overview	2016	International Journal of Control Theory and Applications	9	203	211
Sundarapandiyan S.; Shanthi N.; Mohamed Yoonus M.	Performance analysis of syllable based tamil language robust speech recognition system using modified group delay function, gammatone cepstral coefficients, hidden markov model and deep neural network	2016	International Journal of Control Theory and Applications	9	3401	3413

Begum M.S.; Aruna P.; Vetrivelan N.	STEP - A career zone Android APP for higher secondary education	2016	1st International Conference on Emerging Trends in Engineering, Technology and Science, ICETETS 2016 - Proceedings			
Curry D.; Cameron A.; MacDonald B.; Nganou C.; Scheller H.; Marsh J.; Beale S.; Lu M.; Shan Z.; Kaliaperumal R.; Xu H.; Servos M.; Bennett C.; MacQuarrie S.; Oakes K.D.; Mkandawire M.; Zhang X.	Adsorption of doxorubicin on citrate-capped gold nanoparticles: Insights into engineering potent chemotherapeutic delivery systems	2015	Nanoscale	7	19611	#####
Balamurugan S.; Srividhya P.K.; Mohanraj C.	Design and effect of equivalence ratio on performance characteristics of lab scale FBC gasifier	2016	Indian Journal of Science and Technology	9		
Jayakumar K.; Thangavel S.	Industrial drive fault diagnosis through vibration analysis using wavelet transform	2017	JVC/Journal of Vibration and Control	23	2003	2013
Sathishkumar P.; Mangalaraja R.V.; Rozas O.; Vergara C.; Mansilla H.D.; Gracia-Pinilla M.A.; Anandan S.	Sonophotocatalytic mineralization of Norflurazon in aqueous environment	2016	Chemosphere	146	216	225
Selvi N.T.; Pandeewari R.; Selvan P.T.	An inset-fed rectangular microstrip patch antenna with multiple split ring resonator loading for WLAN and RFID applications	2018	Progress In Electromagnetic Research C	81	41	52
Krishnamurthy L.; Kesavan J.	An improved Content Based Image Retrieval using three region colour and straight line signatures of the image	2015	2015 International Conference on Communication and Signal Processing, ICCSP 2015		1919	1924
William H.; Narayanan N.	Comparative evaluation of antioxidant activity of substituted flavones	2017	Asian Journal of Pharmaceutical and Clinical Research	10	288	291



Samuel S.; Kovalan A.	Design level optimization approach for functional paradigm software designs considering low resource devices development	2016	Indian Journal of Science and Technology	9		
Thiagarajan J.; Srividya P.K.; Balasubramanian P.	Thermal kinetics and syngas production on co-gasification of deoiled jatropha seed cake residues with wood chips	2018	International Journal of Renewable Energy Research	8	1105	1111
Madanagopal A.; Periandy S.; Gayathri P.; Ramalingam S.; Xavier S.	Molecular structure activity on pharmaceutical applications of Phenacetin using spectroscopic investigation	2017	Journal of Molecular Structure	1127	611	625
Rajesh Shyamala Devi B.; George A.; Thomas A.K.	Performance investigation of low power radio duty cycling mac for resource constrained WSN	2017	Journal of Advanced Research in Dynamical and Control Systems	9	2494	2508
Rani L.S.U.; Jagajothi G.; Selvan P.T.	Digital fuzzy random impulse noise reduction for grayscale images	2016	1st International Conference on Emerging Trends in Engineering, Technology and Science, ICETETS 2016 - Proceedings			
Prabu G.; Kannan N.; Kovalan A.; Thaddeus S.	Software measurement linkage for CMMI implementation	2016	International Journal of Control Theory and Applications	9	11	17
Hamsadhwani V.; Kannu A.P.; Lakshmi K.	Stability of queues in multi-user cognitive radios	2017	International Journal of Applied Engineering Research	12	3810	3816

Giri S.S.; Sen S.S.; Jun J.W.; Sukumaran V.; Park S.C.	Protective effects of leucine against lipopolysaccharide-induced inflammatory response in Labeo rohita fingerlings	2016	Fish and Shellfish Immunology	52	239	247
Sambath S.; Palanivel P.	Power quality enhancement strategy in transmission lines by distributed generation	2016	International Journal of Energy Technology and Policy	12	257	269
Madana S.S.K.; Sethuraman V.; Gupta N.	A facile synthesis of 8-bromo-3-methyl-7-( $\beta$ -D-ribofuranosyl)purine-2,6-dione with SnCl <sub>4</sub> under vorbruggen glycosylation conditions	2016	Asian Journal of Chemistry	28	429	434
Marcel G.; Kovalan A.	A full-featured efficient clustering mechanism for improving QoS in MANETs	2018	International Journal of Networking and Virtual Organisations	19	105	132
Amanulla S.S.D.; Veerakumar S.; Ramanathan K.	Screening of potential plant compounds as survivin inhibitors and its anti-cancer efficacy by molecular docking	2017	Current Enzyme Inhibition	13	1	8
Kamalesu S.; Swarnalatha K.; Subramanian R.; Muralidharan K.; Gomathi S.	Polypyridyl-hydrazone based Ruthenium(II) complexes: Spectral and computational analysis	2017	Inorganica Chimica Acta	461	35	44
Sen S.S.; Sukumaran V.; Giri S.S.; Park S.C.	Flavonoid fraction of guava leaf extract attenuates lipopolysaccharide-induced inflammatory response via blocking of NF- $\kappa$ B signalling pathway in Labeo rohita macrophages	2015	Fish and Shellfish Immunology	47	85	92
Angayarkanni N.; Kumar D.; Arunachalam G.	The application of image processing techniques for detection and classification of cancerous tissue in digital mammograms	2016	Journal of Pharmaceutical Sciences and Research	8	1179	1183

Gandhimathi G.; Thinakaran N.	Encrypting the artificial bandwidth extension algorithm for multicast conferencing in cloud environment	2016	Proceedings of the 2016 6th International Conference - Cloud System and Big Data Engineering, Confluence 2016		168	173
Kayalvizhi P.; Balamurugan S.; Ramachandradurai C.; Rakesh R.	Design and analysis of automatic insulin delivery system using pic microcontroller	2016	International Journal of Bio-Science and Bio-Technology	8	271	278
Leonard Gibson Moses S.; Ganesan S.; Vimala C.; Rabiya Begam I.; Nivetha Priya M.	High performance design of elgamal cryptographic algorithm using vedic mathematics	2016	Indian Journal of Science and Technology	9		
Sundarapandiyan S.; Shanthi N.; Mohamed Yoonus M.	Syllable based tamil language continuous robust speech recognition using MGDF-GWCC with DNN-HMM	2016	International Journal of Control Theory and Applications	9	3391	3400
Manikandan P.; Senthamilkumar S.	Study on recycled E waste in reinforced concrete beam under gradual loading conditions	2017	International Journal of Civil Engineering and Technology	8	1107	1114
Harshiny M.; Matheswaran M.; Arthanareeswaran G.; Kumaran S.; Rajasree S.	Enhancement of antibacterial properties of silver nanoparticles- ceftriaxone conjugate through Mukia maderaspatana leaf extract mediated synthesis	2015	Ecotoxicology and Environmental Safety	121	135	141
Vivek M.; Srividhya P.K.; Sujatha K.	Power quality improvement in hybrid power system: Review	2016	International Journal of Applied Engineering Research	11	2518	2521
Angel Vinodhini M.; Vanitha R.	A knowledge discovery based big data for context aware monitoring model for assisted healthcare	2016	International Journal of Applied Engineering Research	11	3241	3246

Haja Alaudeen A.; Kirubakaran E.; Jeya Mala D.	Hybrid spatio location algorithm to enhance Qos for heterogeneous mobile devices in location based services	2016	Asian Journal of Information Technology	15	3712	3717
Giri S.S.; Saha S.; Park S.C.	Comparison of degradation properties of carbohydrate and protein during anaerobic digestion of activated sludge at mesophilic temperature	2016	International Journal of Environment and Waste Management	18	213	225
Sharmila C.; Amalanathan G.	Construction of pipelined strategic connected dominating set for mobile ad hoc networks	2016	Journal of Computing and Information Technology	24	121	132
Dhavakumar P.; Gopalan N.P.	Enhancing software quality using fuzzy logic and program slicing	2016	International Journal of Control Theory and Applications	9	6183	6191
Giri S.S.; Harshiny M.; Sen S.S.; Sukumaran V.; Park S.C.	Production and characterization of a thermostable bioflocculant from Bacillus subtilis F9, isolated from wastewater sludge	2015	Ecotoxicology and Environmental Safety	121	45	50
Giri S.S.; Sen S.S.; Jun J.W.; Sukumaran V.; Park S.C.	Role of Bacillus subtilis VSG4-derived biosurfactant in mediating immune responses in Labeo rohita	2016	Fish and Shellfish Immunology	54	220	229
Giri S.S.; Sen S.S.; Jun J.W.; Sukumaran V.; Park S.C.	Immunotoxicological effects of cadmium on Labeo rohita, with emphasis on the expression of HSP genes	2016	Fish and Shellfish Immunology	54	164	171
Pradeep Mohan Kumar K.; Vijayan V.; Suresh Kumar B.; Vivek C.M.; Dinesh S.	Computational analysis and optimization of spiral plate heat exchanger	2018	Journal of Applied Fluid Mechanics	11	121	128

Devi B.R.S.; George A.; Thomas A.K.	Performance investigation of low power radio duty cycling MAC for resource constrained WSN	2018	International Journal of Engineering and Technology(UAE)	7	93	98
Vetriselvan M.; Senthamilkumar S.	Study on high performance concrete beam under cyclic loading conditions by partial replacement of fly ash and quarry dust	2017	International Journal of Civil Engineering and Technology	8	1098	1106
Kumar D.; Vinoth R.; Raviraj A.; Vijay Shankar C.S.	Non-Newtonian and newtonian blood flow in human aorta: A transient analysis	2017	Biomedical Research (India)	28	3194	3203
Buvaneswari S.; Alphonse Rajendran P.	Products and coproducts in the category of graphs	2016	Far East Journal of Mathematical Sciences	99	1261	1270
Santhosh J.; Jayanthi R.; Ramahandran N.; Ramesh S.T.	Evaluation of co digestion process of kitchen Waste, Slaughter House waste and poultry litter in a lab scale anaerobic digester	2016	Pollution Research	35	819	825
Selvi N.T.; Selvan P.T.; Babu S.P.K.; Pandeewari R.; Daniel R.S.	A broad-side coupled SRR inspired CPW fed dual band antenna for WiMAX and WAVE applications	2018	Progress In Electromagnetic s Research C	80	221	231
Daniel C.; Hemalatha G.; Sarala L.; Tensing D.; Manoharan S.S.	Magnetorheological fluid with nano Fe <sub>3</sub> O <sub>4</sub> for performance enhancement of MR damper for seismic resistance of steel structures	2018	Key Engineering Materials	763	975	982
Prasanna D.S.J.D.; Aravindhar D.J.; Amalanathan A.G.	A survey on routing algorithms based on connected dominating sets in MANETS	2017	Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2018- January	1206	1209

Kalimuthu J.; Sekar M.; Subramanian R.; Shanmugam K.	Natural dyeing process for recycled paper from the waste vegetables	2016	International Journal of ChemTech Research	9	151	157
Pugazhenthir R.; Chandrasekaran M.; Muthuraman R.K.; Vivek P.; Parthiban A.	A Comparative Characteristic Study of Jatropha and Cardanol Biodiesel Blends	2017	IOP Conference Series: Materials Science and Engineering	183		
Shanmuganathan R.; Kumaresan R.; Giri P.	Prevalence of angiotensin converting enzyme (ACE) gene insertion/deletion polymorphism in South Indian population with hypertension and chronic kidney disease	2015	Journal of Postgraduate Medicine	61	230	234
Ajay abilash D.; Kayalvizhi P.; Rakesh R.; Balamurugan S.	Automation in biomethanation plant using PLC and SCADA	2016	International Journal of Bio-Science and Bio-Technology	8	171	180
Thangaraj P.; Viswanathan M.R.; Balasubramanian K.; Panneerselvam S.; Mansilla H.D.; Gracia-Pinilla M.A.; Contreras D.; Ruiz J.	Morphology controlled synthesis of Sm doped ZnO nanostructures for photodegradation studies of Acid Blue 113 under UV-A light	2015	Journal of Materials Science: Materials in Electronics	26	8784	8792
Thangam S.; Gobi R.; Sathya P.; Kirubakaran E.	A web based intelligent orchestration tool for smart city	2016	International Journal of Control Theory and Applications	9	109	113
Mathew B.; Suresh J.; Mathew G.E.; Rasheed S.A.; Vilapurathu J.K.; Jayaraj P.	Flavonoids: An outstanding structural core for the inhibition of xanthine oxidase enzyme	2015	Current Enzyme Inhibition	11	108	115
Jeyajothi K.	Study on quality of recycling paper unit products and its environmental effects: A pilot study	2016	International Journal of ChemTech Research	9	470	473
Vinoth R.; Adhikari R.; Kumar D.	Computational simulation of blood flow in normal and diseased artery: A review	2016	Indian Journal of Science and Technology	9		

Daniel S.C.G.K.; Banu B.N.; Harshiny M.; Nehru K.; Ganesh P.S.; Kumaran S.; Sivakumar M.	Ipomea carnea-based silver nanoparticle synthesis for antibacterial activity against selected human pathogens	2014	Journal of Experimental Nanoscience	9	197	209
Giri S.S.; Sen S.S.; Chi C.; Kim H.J.; Yun S.; Park S.C.; Sukumaran V.	Chlorophytum borivilianum Polysaccharide Fraction Provokes the Immune Function and Disease Resistance of Labeo rohita against Aeromonas hydrophila	2015	Journal of Immunology Research	2015		
Sambath S.; Palanivel P.	A new approach to quantify the loss reduction due to distributed generation	2014	Middle - East Journal of Scientific Research	19	202	205
Raj A.A.B.; Selvi J.A.V.; Kumar D.; Raghavan S.	Design of Cognitive Decision Making Controller for Autonomous Online Adaptive Beam Steering in Free Space Optical Communication System	2015	Wireless Personal Communications	84	765	799
Sathish D.; Goel S.; Manivannan A.	Opposed propellant injection liquid rocketengine	2015	International Journal of Applied Engineering Research	10	10912	#####
Ramanathan K.; Padmanabhan G.	Usefulness of estimation of glycated albumin and glycosylated haemoglobin in indian diabetic chronic kidney disease patients	2014	Open Access Macedonian Journal of Medical Sciences	2	444	447
Arockia Bazil Raj A.; Arputha Vijaya Selvi J.; Kumar D.; Sivakumaran N.	Mitigation of beam fluctuation due to atmospheric turbulence and prediction of control quality using intelligent decision-making tools	2014	Applied Optics		3796	3806
Kalpana G.; Kumar D.	Congestion controlled multipath routing protocol using bandwidth metric in WMN	2015	International Journal of Applied Engineering Research	10	18565	#####

Giri S.S.; Sen S.S.; Chi C.; Kim H.J.; Yun S.; Park S.C.; Sukumaran V.	Effect of dietary leucine on the growth parameters and expression of antioxidant, immune, and inflammatory genes in the head kidney of Labeo rohita fingerlings	2015	Veterinary Immunology and Immunopathology	167	36	43
Akbari-Fakhrabadi A.; Sathishkumar P.; Ramam K.; Palma R.; Mangalaraja R.V.	Low frequency ultrasound assisted synthesis of La <sub>0.6</sub> Sr <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3-δ</sub> (LSCF) perovskite nanostructures	2015	Powder Technology	276	200	203
Vivek M.; Srividhya P.K.; Sujatha K.	Portable biomass gasifier power generation using non edible seed cake	2015	International Journal of Applied Engineering Research	10	30597	#####
Giri S.S.; Sen S.S.; Sukumaran V.	Role of HSP70 in cytoplasm protection against thermal stress in rohu, Labeo rohita	2014	Fish and Shellfish Immunology	41	294	299
Sambath S.; Palanivel P.	Energy conservation by loss reduction due to distributed generation	2014	Proceeding of the IEEE International Conference on Green Computing, Communication and Electrical Engineering, ICGCCEE 2014			
Sathishkumar P.; Mangalaraja R.V.; Pandiyarajan T.; Gracia-Pinilla M.A.; Escalona N.; Herrera C.; Garcia R.	Low frequency ultrasound assisted sequential and co-precipitation syntheses of nanoporous RE (Gd and Sm) doped cerium oxide	2015	RSC Advances	5	22578	#####
Krishnakumar C.; Muhilan P.; Sathiskumar M.; Sakthivel M.	A New Random PWM technique for conducted-EMI mitigation on Cuk Converter	2015	Journal of Electrical Engineering and Technology	10	916	924



Sathyavrathan P.; Krithika S.	Production and Optimization of Protease from Bacillus licheniformis NRRL-NRS-1264 using cheap source substrates by submerged (SmF) and solid-state fermentation (SSF)	2014	International Journal of ChemTech Research	6	286	292
Senthil Raj P.; Shoba D.; Ramalingam S.; Periandy S.	Spectroscopic (FT-IR/FT-Raman) and computational (HF/DFT) investigation and HOMO/LUMO/MEP analysis on 1,1-difluoro-2-vinyl-cyclopropane	2015	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	147	293	302
Jeyachidra J.; Punithavalli M.	A Novel distinguishability based weighted feature selection algorithms for improved classification of gene microarray dataset	2015	Journal of Computer Science	11	443	452
Ramanathan K.; Padmanabhan G.	Usefulness of estimation of glycated albumin and glycosylated haemoglobin in Indian diabetic chronic kidney disease patients	2014	Macedonian Journal of Medical Sciences	7	444	447
Pandiyarajan T.; Mangalaraja R.V.; Karthikeyan B.; Sathishkumar P.; Mansilla H.D.; Contreras D.; Ruiz J.	UV-A light-induced photodegradation of Acid Blue 113 in the presence of Sm-doped ZnO nanostructures	2015	Applied Physics A: Materials Science and Processing	119	487	495
Inayathullaah M.A.; Anita R.	Computer aided modeling and analysis of five-phase PMBLDC motor drive for low power high torque application	2014	Modelling and Simulation in Engineering	2014		
Jayanthi L.; Lakshmi K.	An improved content based image retrieval using three region colour, straight-line and outline signatures of the image	2015	2014 International Conference on Information Communication and Embedded Systems, ICICES 2014			

Gandhimathi G.; Hemalatha A.; Babu S.	Evaluation of different auto regressive modeling methods for source-filter model based artificial bandwidth extension systems	2015	International Journal of Applied Engineering Research	10	15975	#####
Chittibabu S.; Saseetharan M.K.; Kalaivani M.R.; Rajesh M.P.	Optimization of Microwave-assisted Alkali Pretreatment and Enzymatic Hydrolysis of Banana Pseudostem	2014	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	36	2691	2698
Balamurugan K.; Abhilash A.P.; Sathiya P.; Naveen Sait A.	Artificial neural network simulation and particle swarm optimisation of friction welding parameters of 904L superaustenitic stainless steel	2014	Multidiscipline Modeling in Materials and Structures	10	250	264
Murali M.; Arulmozhiyal; Sundaramoorthy P.	A Design and Analysis of Voltage Source Inverters for Renewable Energy Applications	2014	Indonesian Journal of Electrical Engineering and Computer Science	12	8114	8119
Ezhilarasan S.; Palanivel P.; Sambath S.	Design and development of Energy Management System for DG source allocation in a micro grid with energy storage system	2015	Indian Journal of Science and Technology	8		
Satheesh A.; Sujatha D.C.; Lakshmi Priya T.K.S.; Kumar D.	Cloud based virtual agriculture marketing and information system (C-VAMIS)	2015	Advances in Intelligent Systems and Computing	337	549	556
Saraswathi M.; Babu S.P.K.	A novel investigation on BER measurement of SC-FDMA system with combined Tomlinson-Harashima precoding and reed solomon coding	2015	Indian Journal of Science and Technology	8		

Jeyasimman D.; Narayanasamy R.; Ponalagusamy R.	Role of hybrid reinforcement on microstructural observation, characterization and consolidation behavior of AA 6061 nanocomposite	2015	Advanced Powder Technology	26	1171	1182
Saminathan K.; Chakravarthy T.; Chithra Devi M.	Comparative study on biometric iris recognition based on hamming distance and multi block local binary pattern	2015	Indian Journal of Science and Technology	8		
Ramanathan K.; Padmanaban G.	Serum cardiac troponin I: A marker for predicting cardiac mortality in Indian chronic kidney disease patients	2014	International Journal of Pharmaceutical and Clinical Research	6	68	70
Arulmathi P.; Elangovan G.; Farjana Begum A.	Statistical optimization of process variables by Response Surface Methodology for the Removal of Colour and COD from Distillery Spent wash by Thermotolerant Bacterial Consortium	2015	Research Journal of Chemistry and Environment	19	1	10
Jeyachidra; Punithavalli	Distinguishability based weighted feature selection using column wise k neighborhood for the classification of gene microarray dataset	2014	American Journal of Applied Sciences	11	1	7
Keerthipraba S.; Priyadharshini N.; Muthukumaran T.; Giri P.; Kumaresan R.	Amplification of Human Renalase Gene from Blood	2015	Der Pharmacia Lettre	7	84	87
Nasir J.; Jamaluddin M.H.; Khalily M.; Kamarudin M.R.; Ullah I.; Selvaraju R.	A reduced size dual port MIMO DRA with high isolation for 4G applications	2015	International Journal of RF and Microwave Computer-Aided Engineering	25	495	501
Sirajunnisa A.; Fazal Mohamed M.I.; Subramania A.	Vitex negundo leaves extract as green inhibitor for the corrosion of aluminium 1N NaOH solution	2014	Journal of Chemical and Pharmaceutical Research	6	580	588

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Kalailingam P.; Kannaian B.; Tamilmani E.; Kaliaperumal R.	Efficacy of natural diosgenin on cardiovascular risk, insulin secretion, and beta cells in streptozotocin (STZ)-induced diabetic rats	2014	Phytomedicine	21	1154	1161
Darsana B.; Jagajothi G.	An efficient DICOM image retrieval method based on features and neural network classification	2014	Journal of Theoretical and Applied Information Technology	68	551	566
Nazeema B.B.; Julie J.; Abirami J.; Kumareasan R.; Muthukumar T.; Rajasree S.; Jothi J.K.; Kumaran S.	Anti-cancer activity of Datura metel on MCF-7 cell line	2014	Asian Journal of Pharmaceutical and Clinical Research	7	181	183
Sambath S.; Palanivel P.; Dash S.S.; Subramani C.	Opportunities for power quality improvement through distributed generation	2014	World Applied Sciences Journal	29	940	945
Avirajamanjula P.; Palanivel P.; Muruganatham N.	A normalized least mean squares algorithm based on-line adaptive selective current harmonic elimination technique for three phase AC voltage controllers	2015	International Journal of Applied Engineering Research	10	6057	6069
Jayakumar T.; Elizebeth A.R.; Yen T.-L.; Sheu J.-R.	Chinese medicines and bioactive compounds for treatment of stroke	2015	Chinese Journal of Integrative Medicine	21	90	101
Jayasudha P.; Dhanasekaran M.; Devadas M.D.; Ramachandran N.	A study on sustainable design principles: A case study of a vernacular dwelling in Thanjavur region of Tamil Nadu, India	2014	Indian Journal of Traditional Knowledge	13	762	770

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Arockia Bazil Raj A.; Arputha Vijaya Selvi J.; Kumar D.; Raghavan S.	A direct and neural controller performance study with beam wandering mitigation control in free space optical link	2014	Optical Memory and Neural Networks (Information Optics)	23	111	129
Jayasankar T.; Arputha Vijayaselvi J.; Balaji Ganesh A.; Kumar D.	Word and syllable based concatenative model of text to speech synthesis of Tamil language	2014	International Journal of Applied Engineering Research	9	23955	#####
Vijayalakshmi P.; Alphonse Rajendran P.	Some functors from the category of fuzzy groups	2015	Global Journal of Pure and Applied Mathematics	11	3377	3387
Khayyat S.A.; Selvin R.; Reselin L.S.; Umar A.	Photocatalytic oxidation of phenolic pollutants and hydrophobic organic compounds in industrial wastewater using modified nonsize Titanium Silicate-1 thin film technology	2014	Journal of Nanoscience and Nanotechnology	14	7345	7350
Rajesh M.; Narayanan N.	Comparative study on anti-inflammatory and analgesic activities of pure aceclofenac with the aceclofenac loaded mucoadhesive microparticles in rats	2015	Research Journal of Pharmacy and Technology	8	185	188
Parkavi A.; Vetrivelan N.	A flipped selection: Strategic approach for project course	2015	International Journal of Applied Engineering Research	10	37089	#####

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Sridevi R.; Jagajothi G.	Evolutionary algorithms for feature selection and classification in intrusion detection system	2015	International Journal of Applied Engineering Research	10	30413	#####
Saravanan M.; Aramudhan M.	Trust based ranking service models in cloud computing environment	2015	International Journal of Applied Engineering Research	10	32371	#####
Balamurugan K.; Mishra M.K.; Sathiya P.; Sait A.N.	Weldability studies and parameter optimization of AISI 904L super austenitic stainless steel using friction welding	2014	Materials Research	17	908	919
Jeyajothi K.; Arjun R.V.	Performance and conversion of light naphtha to motor spirit using adiabatic radial flow vertical stock reactor	2014	Journal of Chemical and Pharmaceutical Sciences	2014-December	89	91
Jayakumar K.; Thangavel S.; Elango M.K.	Back propagation algorithm for bearing fault detection of induction motor drive using wavelet packet decomposition	2015	International Journal of Applied Engineering Research	10	26191	#####
Evera T.; Pazhanichamy K.; Ramesh D.	The characterization of palm and rice bran oil biodiesel to assess the feasibility for power generation	2014	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	36	150	157
Kumaresan R.; Azra Khanam M.; Amanulla S.S.D.	Anti-microbial efficacy of honey against infectious pathogens	2015	International Journal of Current Pharmaceutical Review and Research	6	237	239

Simon Raj F.; George A.	Topological properties of Hexagonal cage networks	2015	Global Journal of Pure and Applied Mathematics	11	1413	1424
Ramanathan K.; Padmanabhan G.	Cinacalcet Hydrochloride: A new dose schedule in the Management of Secondary Hyperparathyroidism in Indian Chronic Kidney Disease Patients	2015	Journal of Applied Pharmaceutical Science	5	49	51
Jayanthi L.; Lakshmi K.	An effective method of content based image retrieval system using support vector machines classifier	2015	International Journal of Applied Engineering Research	10	34001	#####
Isaimathi C.; Narayanan A.E.; Anbaan P.	Tackle the deferral messages under jamming using TACT	2015	International Journal of Applied Engineering Research	10	18231	#####
Tagore S.S.; Krishna S.; Gomathi S.; Sethuraman V.	1-[2-(Dimethylazaniumyl)ethyl]-1H-1,2,3,4-tetrazole-5-thiolate	2014	Acta Crystallographic a Section E: Structure Reports Online	70	o224	
Chandran A.; Arunachalam G.	Evaluation of in vivo anticancer activity of scaevola taccada roxb against ehrlich ascites carcinoma in swiss albino mice	2015	Journal of Pharmaceutical Sciences and Research	7	626	632
Aruna P.; Vetrivelan N.	Survey and comparative study of wireless technologies for enhanced MANET	2015	International Journal of Applied Engineering Research	10	25617	#####
Shoba D.; Periandy S.; Govindarajan M.; Gayathri P.	Spectroscopic and quantum chemical analysis of Isonicotinic acid methyl ester	2015	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	136	852	863
Kumaresan R.; Veerakumar S.; Elango V.	A study on hepatoprotective activity of Mimosa pudica in albino rats	2015	International Journal of Pharmacognosy and Phytochemical Research	7	337	339

Jayakumar K.; Thangavel S.	Vibration analysis of industrial drive for broken bearing detection using probabilistic wavelet neural network	2015	International Journal of Power Electronics and Drive Systems	5	541	551
Jeyajothi K.	Removal of dyes from textile wastewater using Orange peel as adsorbent	2014	Journal of Chemical and Pharmaceutical Sciences	2014-December	161	163
Angayarkanni N.; Kumar D.	Euclidean Distance Transform (EDT) algorithm applied to binary image for finding breast cancer	2015	Biomedical and Pharmacology Journal	8	407	411
Vinoth R.; Kumar D.; Adhikari R.; Devaprasad D.; Kaliyamoorthy D.	Computational investigation of blood flow in fusiform models of aortic aneurysms: A steady state analysis	2015	International Journal of Biomedical Engineering and Technology	19	70	91
Balaji B.; Mariappan P.; Senthamilkumar S.	A cost estimate model for sewerage system	2015	ARNP Journal of Engineering and Applied Sciences	10	3327	3332
Feng P.; Durai K.; Liu F.; Qu X.	Mathematical methods in biomedical imaging 2014	2014	Computational and Mathematical Methods in Medicine	2014		
Sambath S.; Palanivel P.	Power loss minimization in presence of distributed generation by DSM	2015	Lecture Notes in Electrical Engineering	326	913	922
Usharani L.S.; Thiruvallar Selvan P.; Jagajothi G.	An improved de-noising algorithm for highly corrupted color videos using FPGA based impulse noise detection and correction techniques	2015	Indian Journal of Science and Technology	8	664	669
Parthasarathi G.; Senthilnathan S.; Suresh L.	Impacts of micro irrigation subsidies in tamil nadu from world bank	2015	Sustainable Micro Irrigation Design Systems for Agricultural Crops: Methods and Practices	2	101	109



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Buvaneswari S.; Alphonse Rajendran P.	Equalizers and intersections in the category of graphs	2015	Global Journal of Pure and Applied Mathematics	11	3311	3317
Kamalakkannan V.; Arul Kumaran K.S.G.; Meena Prabha P.; Sambathkumar R.	Chronotherapy of cardiac diseases using Diltiazem HCL - A review	2015	Research Journal of Pharmacy and Technology	8	958	962
Jayaraj P.; Mathew B.; Parimaladevi B.; Ramani V.A.; Govindarajan R.	Isolation of a bioactive flavonoid from <i>Spilanthes calva</i> D.C. in vitro xanthine oxidase assay and in silico study	2014	Biomedicine and Preventive Nutrition	4	481	484
Latha R.; Prabakar T.N.; Jegajothi G.	Multiple sink positioning and relocation for improving lifetime in wireless sensor network	2015	International Journal of Applied Engineering Research	10	25747	#####
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Roselin L.S.; Liao L.-M.; Ou Y.-C.; Chang F.-W.	Hydrogen production by partial oxidation of methanol over gold supported on Fe <sub>2</sub> O <sub>3</sub>	2014	Journal of Nanoscience and Nanotechnology	14	7215	7223
Avirajamanjula P.; Palanivel P.	Development of a universal controller for converter based switched reluctance motors	2015	Lecture Notes in Electrical Engineering	326	811	818
Sen S.S.; Giri S.S.; Sukumaran V.	Immune responses and protection in rohu vaccinated against <i>Aeromonas hydrophila</i> infection	2014	Aquaculture International	22	1637	1648

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Sathish D.; Palanivel S.; Naresh Kumar R.	Effective utilization of centre body in ramjet engine	2015	International Journal of Applied Engineering Research	10	10917	#####
Santhanamuthu M.; Tamizharasan T.; Mani T.P.	Optimization of parameters for diesel engine performance with Polanga oil-diesel-nano particle blend	2014	International Journal of Applied Engineering Research	9	5839	5846
Mamallan K.; Tagore S.S.; Gomathi S.; Sethuraman V.; Stoeckli-Evans H.	Crystal structure of 2,4-diamino-6-oxo-3,6-dihydropyrimidin-1-ium p-toluenesulfonate	2015	Acta Crystallographica Section E: Structure Reports Online	71	476	478
Usharani L.S.; Thiruvallarselvan P.	A FPGA implementation of novel median filter to remove impulse noise	2015	International Journal of Applied Engineering Research	10	11795	#####
Dhawalikar M.N.; Sridividya P.K.; Mariappan V.; Surlakar A.; Sakhardande M.J.; Pai Bhale N.	Hybrid tool for optimal preventive maintenance schedule for deteriorating systems	2015	International Journal of Performability Engineering	11	283	291
Jayakumar K.; Thangavel S.	A real time data acquisition and vibration analysis through wavelet transform for fault detection of industrial drives	2015	Research Journal of Applied Sciences, Engineering and Technology	9	122	128
Gomathi S.; Nirmalram J.S.; Muthiah P.T.	Hydrogen bonding patterns in salts of derivatives of aminopyrimidine and thiobarbituric acid	2015	Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials	71	144	152

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Visalakshi S.; Kannan R.; Valanarasu S.; Kim H.-S.; Kathalingam A.; Chandramohan R.	Effect of bath concentration on the growth and photovoltaic response of SILAR-deposited CuO thin films	2015	Applied Physics A: Materials Science and Processing	120	1105	1111
Saminathan K.; Chakravarthy T.; Devi M.C.	Biometric iris recognition system using least squares linear kernel based support vector machines	2014	International Journal of Applied Engineering Research	9	653	663
Suvitha A.; Periandy S.; Gayathri P.	NBO, HOMO-LUMO, UV, NLO, NMR and vibrational analysis of veratrole using FT-IR, FT-Raman, FT-NMR spectra and HF-DFT computational methods	2015	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	138	357	369
Dhana Sri K.; Mala P.; Farjana Begum A.; Kumaresan R.	Study on efficacy of different concentrations of <i>Gymnema sylvestre</i> leaves extract against bacterial pathogens	2015	International Journal of Pharmaceutical Sciences Review and Research	31	25	28
Arock Nancy G.; Hamsadhwani V.	Toward secure data sharing protocols for avoiding global eavesdropper in WSN	2013	International Journal of Engineering and Technology	5	1290	1297
Manjula K.; Rajendran K.; Eevera T.; Kumaran S.	Quantitative estimation of lupeol and stigmaterol in <i>costus igneus</i> by high-performance thin-layer chromatography	2013	Journal of Liquid Chromatography and Related Technologies	36	197	212
Akila K.; Rajasree S.; Shanthakumar R.	Prediction of active sites in some cancer related proteins by card analysis	2014	International Journal of Pharma and Bio Sciences	5	B439	B444
Muruganantham; Palani	Genetic based plus integral controller for PMLDLC motor control using resonant pole inverter	2012	American Journal of Applied Sciences	9	2012	2020

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Vishwapriya A.; Banu S.; Yogamatthi R.	Design and analysis of I-shaped MIMO antenna for wireless applications	2013	2013 4th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2013			
Oviya M.; Sukumaran V.; Giri S.S.	Immobilization and characterization of carbonic anhydrase purified from E. coli MO1 and its influence on CO2 sequestration	2013	World Journal of Microbiology and Biotechnology	29	1813	1820
Cong W.; Durairaj K.; Feng P.	Mathematical methods in biomedical imaging	2013	Computational and Mathematical Methods in Medicine	2013		
Chandrakala N.; Sankar Ganesh P.; Prabakaran M.; Thangamathi P.; Aruljothi R.; Bharathidasan R.	Comparative study on the antivibrio activity of vibrio species isolated from Penaeus monodon, sillago sihama against spices	2013	Indian Journal of Marine Sciences	42	934	936
Sathishkumar P.; Mangalaraja R.V.; Mansilla H.D.; Gracia-Pinilla M.A.; Anandan S.	Sonophotocatalytic (42kHz) degradation of Simazine in the presence of Au-TiO2 nanocatalysts	2014	Applied Catalysis B: Environmental	160-161	692	700
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Kulathuran Pillai K.; Narayanan N.; Chidambaranathan N.; Jegan N.	Phytochemical analysis of leaf extract of cnidoscolus chayamansa mcvaugh	2014	International Journal of Pharmacognosy and Phytochemical Research	6	741	745
Sangeetha K.; Priyadharsini R.; Anbuelaveni A.; Sivaranjani R.	Comparative study on different interference aware routing metrics in WMN: A survey	2012	4th International Conference on Advanced Computing, ICoAC 2012			
Avirajamanjula P.; Palanivel P.	Normalized least mean square based selective current harmonic elimination in voltage source inverters	2014	International Review on Modelling and Simulations	7	394	400
Jeyachidra J.; Punithavalli M.	A comparative analysis of feature selection algorithms on classification of gene microarray dataset	2013	2013 International Conference on Information Communication and Embedded Systems, ICICES 2013		1088	1093
Manoj V.; Karthika M.; Praveen Kumar S.R.; Boomadevi S.; Jeyadheepan K.; Karn R.K.; John Bosco Balaguru R.; Pandiyan K.	Synthesis of zno nanoparticles using carboxymethyl cellulose hydrogel	2014	Asian Journal of Applied Sciences	7	798	803
Kamalakkannan V.; Arul Kumaran K.S.G.	Time delayed capsule device for chronopharmaceutical drug delivery system of diltiazem hydrochloride- formulation and evaluation	2014	Research Journal of Pharmaceutical, Biological and Chemical Sciences	5	707	728
Sujatha D.C.; Satheesh A.; Kumar D.; Manjula S.	Smart Infrastructure at Home Using Internet of Things	2014	Advances in Intelligent Systems and Computing	249 VOLUME II	627	634

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Evera T.; Pazhanichamy K.	Cotton seed oil: A feasible oil source for biodiesel production	2013	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	35	1118	1128
Rajesh M.; Narayanan N.; Chacko A.	Formulation and evaluation of mucoadhesive microcapsules of aceclofenac using methyl cellulose and carbopol as mucoadhesive polymers	2012	International Journal of Pharmacy and Pharmaceutical Sciences	4	362	366
Ali S.; Ali V.; Salem Jeyaseelan W.R.; Hariharan S.	Enhanced route discovery in Mobile Adhoc Networks	2012	2012 3rd International Conference on Computing, Communication and Networking Technologies, ICCCNT 2012			
Manjula K.; Rajendran K.; Evera T.; Kumaran S.	Effect of Costus igneus stem extract on calcium oxalate urolithiasis in albino rats	2012	Urological Research	40	499	510
Selvaraju R.; Khalily M.; Kamarudin M.R.; Jamaluddin M.H.; Nasir J.	Dual band rectangular dielectric resonator antenna design	2014	Progress in Electromagnetic s Research Symposium		2244	2247
Umayal Sundari A.R.; Neelamegam P.; Subramanian C.V.	Study and analysis of drying characteristics of ginger using solar drier with evacuated tube collectors	2013	Research Journal of Pharmaceutical, Biological and Chemical Sciences	4	1258	1267
Inayathullaah M.A.; Anita R.	Experimental evaluation of fuzzy logic based five phase PMLDC motor drive	2014	International Review of Electrical Engineering	9	757	763

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Oviya M.; Giri S.S.; Sukumaran V.; Natarajan P.	Immobilization of carbonic anhydrase enzyme purified from <i>Bacillus subtilis</i> VSG-4 and its application as CO <sub>2</sub> sequesterer	2012	Preparative Biochemistry and Biotechnology	42	462	475
Farjana Begum A.; Geetha K.; Kumar D.	Sustained delivery of non-steroidal anti-inflammatory drug for wound dressing	2014	International Journal of PharmTech Research	6	1999	2007
Suganthi S.; Raghavan S.; Kumar D.	Fractal inspired patch antenna on metamaterial	2012	Progress in Electromagnetic Research Symposium		1346	1349
Sambath S.; Palanivel P.; Subramani C.	Reduction of line losses in presence of distributed power generation: India- A case study	2013	World Applied Sciences Journal	27	1168	1174
Sivakumar R.; Maheswari A.; Pushpa P.	ZigBee- based wireless electronic scale and its network performance analysis for the application of smart billing system in super markets	2014	Indian Journal of Science and Technology	7	352	359
Santhanamuthu M.; Chittibabu S.; Tamizharasan T.; Mani T.P.	Evaluation of CI engine performance fuelled by diesel-polanga oil blends doped with iron oxide nanoparticles	2014	International Journal of ChemTech Research	6	1299	1308
Sathyavrathan P.; Kavitha M.	Production of alkaline protease from <i>Bacillus licheniformis</i> (NCIM 2044) and media optimisation for enhanced enzyme production	2013	International Journal of ChemTech Research	5	550	553
Kulathuran Pillai K.; Narayanan N.; Chidambaranathan N.; Mohamed Halith M.; Jayaprakash S.	Antitumor activity of ethanolic extract of <i>Cnidoscopus chayamansa</i> McVaugh against Dalton's ascitic lymphoma in mice	2012	International Journal of Pharmacy and Pharmaceutical Sciences	4	647	652

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Giri S.S.; Sukumaran V.; Sen S.S.; Jena P.K.	Effects of dietary supplementation of potential probiotic <i>Bacillus subtilis</i> VSG1 singularly or in combination with <i>Lactobacillus plantarum</i> VSG3 or/and <i>Pseudomonas aeruginosa</i> VSG2 on the growth, immunity and disease resistance of <i>Labeo rohita</i>	2014	Aquaculture Nutrition	20	163	171
Paulraj J.; Govindarajan R.; Palpu P.	The genus <i>Spilanthes</i> ethnopharmacology, phytochemistry, and pharmacological properties: A review	2013	Advances in Pharmacological Sciences	2013		
Banu S.; Vishwapriya A.; Yogamathi R.	Performance analysis of circular patch antenna for breast cancer detection	2013	2013 4th International Conference on Computing, Communication s and Networking Technologies, ICCCNT 2013			
Sathyavathan P.; Krithika S.	Comparison of cellulase production in <i>Trichoderma reesei</i> (NCIM- 1052) and <i>Aspergillus niger</i> (NRRL- 322); media optimization and enzyme characterization of cellulase from <i>Trichoderma reesei</i> with lyophilization	2013	International Journal of ChemTech Research	5	554	557
Farjana Begum A.; Chittibabu S.	Microwave assisted lime pretreatment of banana pseudostem for ethanol production	2014	International Journal of ChemTech Research	7	2287	2295



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Kuttalakkani M.; Natarajan R.; Singh A.K.; Vijayakumar J.; Arunan S.; Sarojini L.	Sensor based effective monitoring of coal handling system (CHS)	2013	International Journal of Engineering and Technology	5	2432	2435
Kamalakkannan V.; Kannan C.; Jaganathan K.; Kumaran K.S.G.A.; Kumar R.S.	Gastro retentive drug delivery system for cefpodoxime proxetil - development and optimization	2013	Research Journal of Pharmaceutical, Biological and Chemical Sciences	4	1150	1167
Parkavi A.; Vetrivelan N.	A smart citizen information system using Hadoop: A case study	2013	2013 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2013			
Mathew B.; Suresh J.; Anbazhagan S.; Paulraj J.; Krishnan G.K.	Heteroaryl chalcones: Mini review about their therapeutic voyage	2014	Biomedicine and Preventive Nutrition	4	451	458
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Mohamed I.N.; Aljhdali S.; Idhris S.M.	Intelligent tutoring systems - An advanced understanding of the programming concepts	2013	2013 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2013			
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Manoharan S.B.; Marimuthu V.; Kalailingam P.; Basheer N.B.; Perumal A.; Kaliaperumal R.; Shanmugam K.	Intermolecular force between monoamine oxidase B and Pseudarthria viscida (L.) using atomic force spectroscopy	2013	Journal of Experimental Nanoscience	8	596	605
Jena P.K.; Trivedi D.; Thakore K.; Chaudhary H.; Giri S.S.; Seshadri S.	Isolation and characterization of probiotic properties of lactobacilli isolated from rat fecal microbiota	2013	Microbiology and Immunology	57	407	416
Santhanamuthu M.; Tamizharasan T.; Mani T.P.	Optimization of emission and combustion parameters of diesel engine with polanga Oil-Diesel-Nano paricle blend using response surface methodology	2014	International Journal of ChemTech Research	6	5107	5113
Abimannan S.; Durai K.; Karuppaiah J.	Energy efficient dynamic adaptive selfconfigurable network processor	2014	Journal of Theoretical and Applied Information Technology	63	477	485
Selvin R.; Roselin L.S.; Khayyat S.A.; Umar A.	Hierarchical zeolite Beta: An efficient and eco-friendly nanocatalyst for the Friedel-Crafts acylation of toluene	2013	Journal of Nanoscience and Nanotechnology	13	4415	4420
Jeyachidra J.; Punithavalli M.	A study on statistical based feature selection methods for classification of gene microarray dataset	2013	Journal of Theoretical and Applied Information Technology	53	107	114
Muruganantham N.; Palani S.	Adaptive neuro-fuzzy inference system based controller for high performance BLDC motor using soft switching inverter	2013	Journal of Theoretical and Applied Information Technology	49	929	939

Basheer N.B.; Shanmuganathan R.; Palanichamy G.; Eevera T.; Shanmugam K.	Topographical imaging of antigen - antibody interaction and Hepatitis B surface antigen on self assembled monolayer of mica	2014	International Journal of Pharma and Bio Sciences	5	B319	B325
Velmurugan V.; Arunachalam G.	Hepatoprotective activity of methanol extract of stem bark of prosopis cineraria linn against carbon tetrachloride induced hepatotoxicity	2014	International Journal of Pharmacy and Pharmaceutical Sciences	6	491	493
Hari Hara Subramani S.; Karthikeyan K.; Mirunalini A.; Prasath R.K.; Boomadevi S.; Pandiyan K.	Analysis of a phase reversal quasi-phase matching device for the dual peak second harmonic response	2013	Journal of Optics (United Kingdom)	15		
Hsu H.-L.; Selvin R.; Roselin L.S.	Preparation of core-shell silica - 12 - Tungstophosphoric acid nanoparticles for acylation of aromatics	2013	Advanced Materials Research	706-708	219	223
Veerakumar S.; Eazhisai Vallabi D.; Elango V.; Kumaresan R.	A study on hepatoprotective activity of Pergularia daemia	2014	Research Journal of Pharmaceutical, Biological and Chemical Sciences	5	1105	1108
Kulathuran Pillai K.; Narayanan N.; Chidambaranathan N.; Jegan N.	An invitro cytotoxicity effect of Cnidocolus chayamansa McVaugh on EAC and DAL cells	2014	International Journal of Pharma and Bio Sciences	5	P283	P288
Suganthi S.; Raghavan S.; Kumar D.	Study of performance improvement on the design of compact SRR embedded microstrip low pass filter	2012	Progress in Electromagnetic s Research Symposium		783	788
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Sharmila Begum M.; Nivethitha S.	Wrist energy fuzzy assist cancer engine - WE-FACE	2013	International Journal of Engineering and Technology	5	1239	1244
Umayal Sundari A.; Neelamegam P.; Subramanian C.V.	Drying kinetics of muscat grapes in a solar drier with evacuated tube collector	2014	International Journal of Engineering, Transactions B: Applications	27	811	818
Meenakshi A.V.; Kayalvizhi R.; Asha S.	Implementation of new biorthogonal IOFDM	2012	Advances in Intelligent and Soft Computing	166 AISC	321	331
Sangeetha K.	Reliable and energy-efficient data transmission in EWSN	2013	2013 International Conference on Recent Trends in Information Technology, ICRTIT 2013		738	743
Shanmuganathan R.; Basheer N.B.; Amirthalingam L.; Muthukumar H.; Kaliaperumal R.; Shanmugam K.	Conventional and nanotechniques for DNA methylation profiling	2013	Journal of Molecular Diagnostics	15	17	26
Shoba D.; Periandi S.; Boomadevi S.; Ramalingam S.; Fereyduni E.	FT-IR, FT-Raman, UV, NMR spectra, molecular structure, ESP, NBO and HOMO-LUMO investigation of 2-methylpyridine 1-oxide: A combined experimental and DFT study	2014	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	118	438	447
Karthikeyan K.; Mirunalini A.; Prasath R.K.; Boomadevi S.; Pandiyan S.K.	Analysis of phase-reversal quasi-phase matching device for dual peak second harmonic spectral response	2012	2012 International Conference on Fiber Optics and Photonics, PHOTONICS 2012			

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Velmurugan V.; Arunachalam G.	Comparative molecular docking study of rutin against GABA a type receptor and 4-aminobutyrate-aminotransferase for anti-convulsant activity	2014	Journal of Chemical and Pharmaceutical Research	6	974	978
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Akila M.; Sushama A.; Kumaresan R.	Study on in vitro cytotoxicity of papain against liver cancer cell line HEP G2	2014	International Journal of Pharmacy and Pharmaceutical Sciences	6	160	161
Jayakumar T.; Chang C.-C.; Lin S.-L.; Huang Y.-K.; Hu C.-M.; Elizebeth A.R.; Lin S.-C.; Choy C.-S.	Brazilin ameliorates high glucose-induced vascular inflammation via inhibiting ROS and CAMs production in human umbilical vein endothelial cells	2014	BioMed Research International	2014		
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Akalya B.; Sumathi B.; Arock Nancy G.	Personalized Image search through tag-based user profile on social websites	2013	Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2013		1174	1179
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Kirthika P.; Chattamvelli R.	A review of raga based music classification and music information retrieval (MIR)	2012	AICERA 2012 - Annual International Conference on Emerging Research Areas: Innovative Practices and Future Trends			
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Kalpana G.; Kumar D.	An exposition of various parameters to estimate interference level in wireless mesh networks	2013	Journal of Theoretical and Applied Information Technology	53	141	149

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Sathyavrathan P.; Jaya S.	Production of lipase and protease from <i>Pseudomonas fragi</i> NRRL-B727 and optimization studies of the protease without the lipase presence	2013	International Journal of ChemTech Research	5	1541	1544
Giri S.S.; Sukumaran V.; Oviya M.	Potential probiotic <i>Lactobacillus plantarum</i> VSG3 improves the growth, immunity, and disease resistance of tropical freshwater fish, <i>Labeo rohita</i>	2013	Fish and Shellfish Immunology	34	660	666
Sathishkumar P.; Mangalaraja R.V.; Rozas O.; Mansilla H.D.; Gracia-Pinilla M.A.; Anandan S.	Low frequency ultrasound (42 kHz) assisted degradation of Acid Blue 113 in the presence of visible light driven rare earth nanoclusters loaded TiO <sub>2</sub> nanophotocatalysts	2014	Ultrasonics Sonochemistry	21	1675	1681
Kalailingam P.; Balasubramanian K.; Kannaian B.; Mohammed A.K.N.; Meenakshisundram K.; Tamilmani E.; Kaliaperumal R.	Isolation and quantification of flavonoids from ethanol extract of <i>Costus igneus</i> rhizome (CiREE) and impact of CiREE on hypoglycaemic, electron microscopic studies of pancreas in streptozotocin (STZ)-induced diabetic rats	2013	Biomedicine and Preventive Nutrition	3	285	297
Inayathullaah M.A.; Anita R.	Simulation of five phase voltage source inverter with different excitation for star connected load	2014	International Journal of Engineering and Technology	6	1573	1580
Boomadevi S.; Pandiyan K.	Second harmonic generation studies in l-alanine single crystals grown from solution	2014	Physica B: Condensed Matter	432	67	70

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Karthik D.; Vijayakumar R.; Pazhanichamy K.; Ravikumar S.	A proteomics approach to identify the differential protein level in cardiac muscle of diabetic rat	2014	Acta Biochimica Polonica	61	285	293
Thiruchelvi G.; Raja J.	Active queue management based adaptive flow control mechanism for unresponsive flows	2012	European Journal of Scientific Research	70	67	80
Begum M.S.; Poonguzhali R.	Noi Kanippaan: Nadi diagnosing system	2011	International Conference on Recent Trends in Information Technology, ICRTIT 2011		1049	1054
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Suganthi S.; Raghavan S.; Kumar D.	Investigation on the performance of novel CPW fed fractal inspired patch antennas	2012	European Journal of Scientific Research	69	428	440
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Mishra S.; Christopher G.J.; Mishra M.	A communication network design for robotics through a queen bees algorithm	2012	Advanced Materials Research	403-408	3909	3916

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