

**3.4.8 Bibilimetrics of the publications during the last five years based on average Citation Index in Scopus/ Web of Science/PubMed**

**Scopus Data**

Title of paper	Name of author	Title of journal	Year of Publication	Citation index
<b>2017-18</b>				
Advent of memristor based synapses on neuromorphic engineering	Vidya S., Ahmed M.R.	2017 International Conference on Microelectronic Devices, Circuits and Systems, ICMDCS 2017	2017	<b>5.52</b>
A novel tree based method for data hiding and integrity in medical images	Sreejith R., Senthil S.	Proceedings - 2017 IEEE International Conference on Electrical, Instrumentation and Communication Engineering, ICEICE 2017	2017	
Computational Identification of microRNA-17-3p in Breast Cancer Cells	Shincy J.S., Panagal M., Jereena J., Vengatagiri G.Y., Vittalrao K.R., Sivakumar P., Gopinath V., Kumar K.M., Sekar D.	MicroRNA (Sharjah, United Arab Emirates)	2017	
Thermal performance of heat sink with fluid pockets for high power light emitting diode	Sangmesh, Narayana G.K., Honnaiah M.S., Venkatesh K., Siddalingappa K.M.	International Journal of Automotive and Mechanical Engineering	2017	
A mutation in IFT43 causes non-syndromic recessive retinal degeneration	Biswas P., Duncan J.L., Ali M., Matsui H., Naem M.A., Raghavendra P.B., Frazer K.A., Arts H.H., Riazuddin S., Akram J., Hejtmancik J.F., Riazuddin S.A., Ayyagari R.	Human Molecular Genetics	2017	
A miniaturized metamaterial slot antenna for wireless applications	Ali T., Mohammad Saadh A.W., Biradar R.C., Anguera J., Andujar A.	AEU - International Journal of Electronics and Communications	2017	
Clock synchronization in wireless sensor networks using least common multiple	Tabassum N., Devanagavi G.D., Biradar R.C.	AEU - International Journal of Electronics and Communications	2017	
A potential white light emitting cubic ZrO <sub>2</sub> :Dy <sup>3+</sup> , Li+ nano phosphors for solid state lighting applications	Prakashbabu D., Ramalingam H.B., Krishna R.H., Nagabhushana B.M., Shivakumara C., Munirathnam K., Ponkumar S.	Journal of Luminescence	2017	
Secure and energy efficient routing protocol in Wireless Sensor Network: A survey	Ajaykumar N., Sarvagya M.	2017 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017	2017	
Emerging vehicular cloud applications	Hegde N., Manvi S.S.	2017 International Conference on Computer Communication and Informatics, ICCCI 2017	2017	
Pilot based channel equalization using extended Kalman filter for Rayleigh fading channel	Rashmi N., Kumar K.N.P., Hamsavahini R., Sarvagya M.	Proceedings of the 2017 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017	2017	

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Data aggregation and routing scheme for smart city public utility services using WSN	Nayaka R.J., Biradar R.C.	Proceedings of the 2017 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017	2017	
'Can social entrepreneurs do well by doing good? Blending social and economic value creation'- An investigation	Abhi S.	Academy of Entrepreneurship Journal	2017	
Analysis of simply supported reinforced concrete skew slabs	Naresh Reddy G.N., Muthu K.U.	International Journal of Civil Engineering and Technology	2017	
Experimental studies on the energy absorption capacity of axially compressed metal tubes	Manjunatha G., Sharath G.S., Srinivas S.	International Journal of Mechanical Engineering and Technology	2017	
Design, development, motion simulation and analysis of roller with coil lifter for heavy coil wrapping machine	Sharath G.S., Manjunatha G., Srinivas S.	International Journal of Mechanical Engineering and Technology	2017	
Eco-concrete for sustainability: utilizing aluminium dross and iron slag as partial replacement materials	Javali S., Chandrashekar A.R., Naganna S.R., Manu D.S., Hiremath P., Preethi H.G., Vinod Kumar N.	Clean Technologies and Environmental Policy	2017	
Charge transport mechanism in p-type copper ion containing triazine thiolate metallopolymer thin film devices	Deepak K., Roy A., Anjaneyulu P., Kandaiah S., Pinjare S.L.	Journal of Applied Physics	2017	
A Combined Edge and Connected Component Based Approach for Kannada Text Detection in Images	Siddiqua S., Naveena C., Manvi S.K.	Proceedings - 2017 International Conference on Recent Advances in Electronics and Communication Technology, ICRAECT 2017	2017	
Erratum to: Whole Genome Sequencing Revealed Mutations in Two Independent Genes as the Underlying Cause of Retinal Degeneration in an Ashkenazi Jewish Pedigree (Genes, (2017) 8, (210), 10.3390/genes8090210)	Gustafson K., Duncan J.L., Biswas P., Soto-Hermida A., Matsui H., Jakobosky D., Suk J., Telenti A., Frazer K.A., Ayyagari R.	Genes	2017	
Pilot aided non-linear channel equalization using Unscented Kalman Filter for IEEE 802.16e ITU pedestrian a channel model	Rashmi N., Kumar K.N.P., Kumar P.D., Sarvagya M.	Proceedings of the International Conference on Inventive Systems and Control, ICISC 2017	2017	
Positron annihilation spectroscopy and photoluminescence investigation of LaOF:Tb3+ nanophosphor fabricated via ultrasound assisted sonochemical route	Suresh C., Nagabhushana H., Darshan G.P., Basavaraj R.B., Sharma S.C., Sunitha D.V., Daruka Prasad B.	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	2017	
A 3-D Radio Irregularity Model (3DRIM) for Wireless Sensor Network	Anand N., Bellipady S.R., Ranjan R., Varma S.	Wireless Personal Communications	2017	
Modeling, simulation and analysis of noninverting buck-boost converter using PSIM	Viswanatha V., Venkata Siva Reddy R.	2016 International Conference on Circuits, Controls, Communications and Computing, I4C 2016	2017	
Automated diagnosis of Coronary Artery Disease using pattern recognition approach	Desai U., Nayak C.G., Seshikala G., Martis R.J.	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS	2017	

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Agent-based secure routing for underwater acoustic sensor networks	Bharamagoudra M.R., Manvi S.S.	International Journal of Communication Systems	2017	
Grey Relational Analysis Coupled with Principal Component Analysis for Optimization of Stereolithography Process to Enhance Part Quality	Raju B.S., Chandra Sekhar U., Drakshayani D.N.	IOP Conference Series: Materials Science and Engineering	2017	
Application of ensemble classifiers in accurate diagnosis of myocardial ischemia conditions	Desai U., Nayak C.G., Seshikala G.	Progress in Artificial Intelligence	2017	
Comparative study on performance and emission characteristics of single cylinder diesel engine using honge oil and its methyl ester blended with diesel as fuel	Telgane V., Godiganur S., Jaikumar	International Journal of Mechanical Engineering and Technology	2017	
Reducing the rejection rate of pistons during machining	Navinesh B.C., Somasundar B., Aparna B.N., Pramod S.N.	International Journal of Mechanical Engineering and Technology	2017	
Estimation of road surface drainage water and use of same drainage water for the ecology development a case study: Nh44 hebbel to international airport devanahalli through flyover	Kumar A.K.S., Reddy Y.R.	International Journal of Civil Engineering and Technology	2017	
Whole genome sequencing revealed mutations in two independent genes as the underlying cause of retinal degeneration in an ashkenazi jewish pedigree	Gustafson K., Duncan J.L., Biswas P., Soto-Hermida A., Matsui H., Jakubosky D., Suk J., Telenti A., Frazer K.A., Ayyagari R.	Genes	2017	
Topology based adaptive hybrid multicast routing in mobile ad hoc networks	Walikar G.A., Biradar R.C., Geetha D.D.	WIECON-ECE 2016 - 2016 IEEE International WIE Conference on Electrical and Computer Engineering	2017	
Development of integrated road drainage systems for the improvement of irrigation engineering practice and ecology case study: Reva University circle junction to Nagawara circle	Anil Kumar K.S., Ramalinga Reddy Y.	International Journal of Civil Engineering and Technology	2017	
Study of sensitivity of mode shapes in damage identification using continuous wavelet transform	Suresha S., Mallikarjuna Reddy D.	ARPJ Journal of Engineering and Applied Sciences	2017	
An efficient orange-red-emitting LiNa <sub>3</sub> P <sub>2</sub> O <sub>7</sub> :Sm <sup>3+</sup> pyrophosphate: Structural and optical analysis for solid-state lighting	Dillip G.R., Munirathnam K., Raju B.D.P., Sushma N.J., Joo S.W.	Luminescence	2017	
Adaptive weighted-covariance regularized Kernel Fuzzy C means algorithm for medical image segmentation	Hemalatha K.L., Manvi S., Suresh H.N.	Journal of Theoretical and Applied Information Technology	2017	
Cognitive relay selection with incomplete channel state information of interference links	Das P., Mehta N.B., Arya P.N.	IEEE International Conference on Communications	2017	
An outlier detection scheme for wireless sensor networks	Patil S.D., Vijayakumar B.P.	2016 5th International Conference on Wireless Networks and Embedded Systems, WECON 2016	2017	
ANFIS-Based Resource Mapping for Query Processing in Wireless Multimedia Sensor Networks	Shivappa N., Manvi S.S.	Journal of Intelligent Systems	2017	
State space analysis of boost DC/DC converter with voltage mode control	Shenoy K.L., Nayak C.G., Mandi R.P.	AIP Conference Proceedings	2017	

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Wireless detection system for health and military application	Yallalinga, Benni N.S., Manvi S.S.	Proceedings - 7th IEEE International Advanced Computing Conference, IACC 2017	2017	
Smart waste management using Internet-of-Things (IoT)	Shyam G.K., Manvi S.S., Bharti P.	Proceedings of the 2017 2nd International Conference on Computing and Communications Technologies, ICCCT 2017	2017	
Analysis of some two dimensional functions using two dimensional Fourier transforms: Image reconstruction and physical significance	Jagatheswari G.K., Honnavar G.V., Murugesan R.	Proceedings of the 2017 2nd International Conference on Computing and Communications Technologies, ICCCT 2017	2017	
Analysis of the effects of currency demonetization in India using Bayesian prediction	Chandrakar I.	Proceedings of the 2017 2nd International Conference on Computing and Communications Technologies, ICCCT 2017	2017	
Cognitive architecture based smart grids for smart cities	Pranaya Y.C., Himarish M.N., Baig M.N., Ahmed M.R.	3rd International Conference on Power Generation Systems and Renewable Energy Technologies, PGSRET 2017	2017	
Applying classification techniques to predict students' academic results	Senthil S., Lin W.M.	2017 IEEE International Conference on Current Trends in Advanced Computing, ICCTAC 2017	2017	
Architecture for IOT based geriatric care fall detection and prevention	Kumar E.S., Sachin P., Vignesh B.P., Ahmed M.R.	Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2017	
Implementation of STDP based learning rule in neuromorphic CMOS circuits	Srinidhi P.J., Yashaswini T.R., Uttunga N., Ali S.A., Ahmed M.R.	Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2017	
Externalization of tacit knowledge in a knowledge management system using chat bots	Narendra U.P., Pradeep B.S., Prabhakar M.	Proceeding - 2017 3rd International Conference on Science in Information Technology: Theory and Application of IT for Education, Industry and Society in Big Data Era, ICSITech 2017	2017	
Non-negative matrix factorization algorithms for blind source separation in speech recognition	Santosh K.S., Bharathi S.H.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
Use of genetic algorithms for classification of datasets	Nandish Shanabog C.S., Ashwinkumar U.M.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
A miniaturized slotted ground fractal Koch multiband antenna for wireless applications	Fathima N., Nayana K.S., Ali T., Biradar R.C.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
A novel metamaterial rectangular CSRR with pass band characteristics at 2.95 and 5.23 GHz	Ali T., Mohammad S.A.W., Biradar R.C.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	

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Dynamic error control scheme based on channel characteristics in wireless sensor networks	Patil M., Biradar R.C.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
A miniaturized truncated ground plane concentric ring shaped UWB antenna for wireless applications	Mohammad S.A.W., Khaleeq M.M., Ali T., Biradar R.C.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
A survey on human motion capturing (HMC) system based on distributed computing technology with flexible architecture	Dinesh Prasanna A., Prabhakar M., Murthy M.V., Ravichandran N.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
Performance analysis of CS-MRI reconstruction using particle swarm optimization for different sampling patterns	Manisha, Shrividya G., Bharathi S.H.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
A review of aligners for protein protein interaction networks	Ali A., Viswanath R., Patil S.S., Venugopal K.R.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
Compressive data aggregation technique based on comb needle model with deterministic scheme for military application	Abdul Raheem S., Prabhakar M., Kumar P.P.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
IADA intelligent cargo system with integrated fingerprint module and GPS modules	Dinesh Prasanna P., Prabhakar M., Murthy M.V., Jijesh J.J.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
A compact slotted multiband antenna for L-band and WLAN applications	Prasad K.D., Ali T., Biradar R.C.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	
A multi residue analysis of 47 multiclass pesticide residues in mango ( <i>Mangifera indica</i> ) samples by GC-MS/MS using a modified quechers extraction method	Bilehal D.C., Khetagoudar M.C., Chetti M.B.	Advances in Chemistry Research	2017	
MEGOR: Multi-constrained energy efficient geographic opportunistic routing in wireless sensor network	Praveen Kumar K.V., Banga M.K., Megha D., Thippeswamy B.M., Udayarani, Venugopal K.R.	Journal of Telecommunication, Electronic and Computer Engineering	2017	
Relevance of microRNA 21 in Different Types of Hypertension	Sekar D., Shilpa B.R., Das A.J.	Current Hypertension Reports	2017	
Driving the photoluminescent and structural properties of X <sub>2</sub> -Y <sub>2</sub> SiO <sub>5</sub> by varying the dopant Dy <sup>3+</sup> concentration towards cool WLED applications	Ramakrishna G., Nagabhushana H., Hareesh K., Sunitha D.V.	Solid State Sciences	2017	
Variable light emission by the mixture of 1:1 ratio of LiNa <sub>3</sub> P <sub>2</sub> O <sub>7</sub> :Sm <sup>3+</sup> and LiNa <sub>3</sub> P <sub>2</sub> O <sub>7</sub> :Tb <sup>3+</sup> phosphor under near UV excitation	Munirathnam K., Prakashbabu D.	Optik	2017	
A survey on authentication schemes in VANETs for secured communication	Manvi S.S., Tangade S.	Vehicular Communications	2017	

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Prediction of heart disease at early stage using data mining and big data analytics: A survey	Salma Banu N.K., Swamy S.	2016 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques, ICEECCOT 2016	2017	
MEBOR: Multi-constraint energy balanced opportunistic routing in wireless sensor network	Praveen Kumar K.V., Banga M.K., Rani U., Thippeswamy B.M., Vanugopal K.R.	2016 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques, ICEECCOT 2016	2017	
LCP substrate based micro strip patch antenna	Khan I., Sudhindra K.R., Geetha D., Fakhruddin K.	2016 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques, ICEECCOT 2016	2017	
Energy consumption reduction in a pervasive environment using dynamic sink in WSN	Hemant Kumar R., Ramakrishna K.T.	2016 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques, ICEECCOT 2016	2017	
Reliable and energy efficient hybrid multicast routing in Mobile Ad Hoc Networks	Walikar G.A., Biradar R.C.	International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 - Proceedings	2017	
Harmonic Elimination System (HES) using a novel type of Pulse Width Modulation (PWM) scheme in Matlab-Simulink environment	Patil R.M., Nagaraj M.S., Venkataramu P.S.	International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 - Proceedings	2017	
A novel frequency reconfigurable rectangular step slotted antenna for WLAN/ITU	Ali T., Pathan S., Biradar R.C.	2016 IEEE International Conference on Advanced Networks and Telecommunications Systems, ANTS 2016	2017	
Scalable and privacy-preserving authentication protocol for secure vehicular communications	Tangade S., Manvi S.S.	2016 IEEE International Conference on Advanced Networks and Telecommunications Systems, ANTS 2016	2017	
Deciphering the molecular signaling pathways in breast cancer pathogenesis and their role in diagnostic and treatment modalities	Thiviyah Prabha A.G., Sekar D.	Gene Reports	2017	
Impedance studies on PF 6 - Doped Poly(3,4 ethylenedioxythiophene) devices	Roy A., Anjaneyulu P., Menon R.	AIP Conference Proceedings	2017	
Electromagnetic perspective of tensor	Thomas S., Choudhury B.	Metamaterial Inspired Electromagnetic Applications: Role of Intelligent Systems	2017	
Design of three metasurface acting as left-handed material for reconfigurable antenna	Ali T., Biradar R.C.	2016 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2016	2017	
A novel approach of using security enabled Zigbee in vehicular communication	Lakshmi Shree K., Penubaku L., Nandihal G.	2016 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2016	2017	
A compact multiband antenna using $\lambda/4$ rectangular stub loaded with metamaterial for IEEE 802.11N and IEEE 802.16E	Ali T., Biradar R.C.	Microwave and Optical Technology Letters	2017	

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Extraction of Y <sub>2</sub> O <sub>3</sub> :Cr <sup>3+</sup> nanophosphor by eco-friendly approach and its suitability for white light-emitting diode applications	Prasanna Kumar J.B., Ramgopal G., Sunitha D.V., Prasad B.D., Nagabhushana H., Vidya Y.S., Anantharaju K.S., Prashantha S.C., Sharma S.C., Prabhakara K.R.	Luminescence	2017	
Characterization of power system attributes for nonlinear loads through sub-space signal methods	Mahesh G.S., Ravi Kumar H.M., Mandi R.P.	IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2016	2017	
A compact hexagonal slot dual band frequency reconfigurable antenna for WLAN applications	Ali T., Biradar R.C.	Microwave and Optical Technology Letters	2017	
Selectivity estimation in web query optimization	Shashidhar H.R., Raju G.T., Murthy V.	ACM International Conference Proceeding Series	2017	
Experimental and numerical studies on buckling of laminated composite skew plates with circular holes under uniaxial compression	Srinivasa C.V., Prema Kumar W.P., Prathap Kumar M.T., Bangar A.R., Kumar P., Rudresh M.S.	Mechanics of Advanced Materials and Structures	2017	
An investigative study on motifs extracted features on real time big-data signals	Ahmed S.T., Patil K.K.	Proceedings of IEEE International Conference on Emerging Technological Trends in Computing, Communications and Electrical Engineering, ICETT 2016	2017	
Recruitment graph model for hiring unique competencies using social media mining	Jere S., Jayannavar L., Ali A., Kulkarni C.	ACM International Conference Proceeding Series	2017	
Radio irregularity model based on received signal strength for three dimensional Wireless Sensor Network	Anand N., Ranjan R., Varma S.	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2017	
Impact of node failure on the routing performance in Wireless Mesh Network	Benni N.S., Manvi S.S.	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2017	
Media access control in wireless sensor networks using priority index	Patil M., Biradar R.C.	Indonesian Journal of Electrical Engineering and Computer Science	2017	
Investigation of disorder and its effect on electrical transport in electrochemically doped polymer devices by current-voltage and impedance spectroscopy	Khan M.R., Anjaneyulu P., Koteswara Rao K.S.R., Menon R.	Journal of Physics D: Applied Physics	2017	
Event driven energy depth and channel aware routing for underwater acoustic sensor networks: Agent oriented clustering based approach	Bharamagoudra M.R., Manvi S.S., Gonen B.	Computers and Electrical Engineering	2017	
A digital Cross Connect (DCS) switch for multicast and broadcast traffic	Thakur G., Sharan P., Sarvagya M.	2016 IEEE Annual India Conference, INDICON 2016	2017	
Review on enhanced data rate receiver design using efficient modulation techniques for underwater acoustic communication	Kumar M.G.R., Sarvagya M.	Proceedings of 2016 International Conference on Advanced Communication Control and Computing Technologies, ICACCCT 2016	2017	
Thesis Proposal Summary: Key Management Authentication and Non Repudiation for Information Transaction in Vehicular Cloud Environments	Hegde N., Manvi S.S.	Proceedings - 2016 IEEE International Conference on Cloud Computing in Emerging Markets, CCEM 2016	2017	
Fault Tolerant Cloud Software Systems Using Software Configurations	Reddy C.M., Nalini N.	Proceedings - 2016 IEEE International Conference on Cloud Computing in Emerging Markets, CCEM 2016	2017	

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EBDRA: Energy balanced dynamic cluster routing approach for WSN	Praveen K.K.V., Udaya R.V., Banga M.K., Thippeswamy B.M., Venugopal K.R.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
Comparative analysis of K means clustering using different scheduling algorithms	Kavya D.S., Desai C.D.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
Application of compressed sensing on magnetic resonance imaging: A brief survey	Shrividya G., Bharathi S.H.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
Extraction of Behavioral patterns from pre-processed web usage data for web personalization	Doddegowda B.J., Raju G.T., Manvi S.K.S.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
CTF Controller for CT scan using beagle bone black	Kathare V., Prasad N.S.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
DSB-SC AM based Software Defined Radio(SDR) Design	Saraswati S.B., Asuti G.M., Mishra A.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
Design of high gain bulk-driven miller OTA using 180nm CMOS technology	Sushma P.S., Gaonkar S., Gurumurthy K.S., Fathima A.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
An efficient technique for automated diagnosis of cardiac rhythms using electrocardiogram	Desai U., Nayak C.G., Seshikala G.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
Dynamic priority-based resource allocation policy for mixed traffic in long term evolution network	Kauser H., Chaudhari S.S.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
An area efficient multiplexer for crossbar arbiter design using quantum dot cellular automata	Thakur G., Gumpe A., Sarvagya M., Sharan P.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
Analysis and application of compressive sensing technique for rapid magnetic resonance imaging	Kavitha S., Shrividya G., Bharathi S.H.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
Design of vedic IEEE 754 floating point multiplier	Havaladar S., Gurumurthy K.S.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
Data analytics in wireless sensor based network for public utility control and management	Patil S.H., Nayaka R.J., Biradar R.C.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	



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Crop disease classification using texture analysis	Pinto L.S., Ray A., Reddy M.U., Perumal P., Aishwarya P.	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	
Implementation of testing and simulation of PIM-SM multicast for ship data network	Divya S., Kounte M.R.	IFIP International Conference on Wireless and Optical Communications Networks, WOCN	2017	
Trust Model for Secure Routing and Localizing Malicious Attackers in WSN	Navami Patil G.M., Basarkod P.I.	Lecture Notes in Networks and Systems	2017	
A Novel Outlier Detection Scheme (ODS) in Wireless Sensor Networks	Patil S.D., Vijayakumar B.P.	Lecture Notes in Networks and Systems	2017	
Extraction of foreground objects using background subtraction model in video systems	Pavan Kumar U., Bharathi S.H.	Journal of Advanced Research in Dynamical and Control Systems	2017	
Fast-flying object detection using an improved visual background extractor algorithm	Pavan Kumar U., Bharathi S.H.	Journal of Advanced Research in Dynamical and Control Systems	2017	
Optimization algorithm for minimizing the earliness/tardiness of automated guided vehicles using artificial immune system	Mahalakshmi, Murugesan R.	International Journal of Applied Engineering Research	2017	
A review paper on various load balancing algorithms in cloud computing	Archana M., Shastry M.	Journal of Engineering and Applied Sciences	2017	
Data aggregation technique for comb needle model using intrusion detection in military application	Abdul Raheem S., Prabhakar M., Venugopal C.	Journal of Advanced Research in Dynamical and Control Systems	2017	
Experimental computations to assess surface wear in roller bearing using integrated approach of vibration analysis and spectroscopic techniques	Hiremath N., Mallikarjuna Reddy D.	Journal of Engineering and Applied Sciences	2017	
Identification of DG location through sensitivity factors under Line Outage Condition	Daram S.B., Kiran M., Venkataramu P.S., Nagaraj M.S.	International Journal of Grid and Distributed Computing	2017	
Techno-economic evaluation of grid-connected solar photovoltaic power plant for rural banks	Mandi R.P.	Handbook of Distributed Generation: Electric Power Technologies, Economics and Environmental Impacts	2017	
Solar PV system with energy storage and diesel generator	Mandi R.P.	Handbook of Distributed Generation: Electric Power Technologies, Economics and Environmental Impacts	2017	
Influence of oxidant to fuel ratio on the structural and optical properties of In <sub>2</sub> O <sub>3</sub> nanoparticles synthesized by auto-combustion method	Hosamani G., Pattar J., Manjanna J., Jagadale B.N.	Materials Today: Proceedings	2017	
Swarm intelligence algorithms for medical image registration: A comparative study	Sarvamangala D.R., Kulkarni R.V.	Communications in Computer and Information Science	2017	
Smart libraries for smart cities: a historic opportunity for quality public libraries in India	Kulkarni S., Dhanamjaya M.	Library Hi Tech News	2017	
Experimental Studies to Assess Surface Wear Using Grease Degradation, Bearing Temperature and Statistical Parameter of Vibration Signals in a Roller Bearing	Hiremath N., Mallikarjuna Reddy D.	Materials Today: Proceedings	2017	

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CLIF: Cross-layer interactive framework for enhancing network lifetime and communication in WSN	Chandra S., Patil K.K., Talanki S.	International Journal of Intelligent Engineering and Systems	2017	
Lifetime elongation of wireless sensor networks with mobile sink in delay-sensitive applications	Babu R., Shenoy U.K.K., Patil K.K.	Communications in Computer and Information Science	2017	
Adaptive Genetic Algorithm Based Multi-Objective Optimization for Photovoltaic Cell Design Parameter Extraction	Kumari P.A., Geethanjali P.	Energy Procedia	2017	
Comparative measurement variation analysis on coordinate measuring machine and white light scan systems	George R., Vijayakumar D., Murugesan R.	International Journal of Mechanical Engineering and Technology	2017	
Delamination detection in composite wind turbine blade spar model by using spatial signal processing	Swamy S., Mallikarjuna Reddy D.	International Journal of Mechanical Engineering and Technology	2017	
Influence of pyrogallol antioxidant on performance and emissions of a CI fuelled with neem oil biodiesel	Balaji S., Saravanan R., Kapilan N.	International Journal of Mechanical Engineering and Technology	2017	
Experimental study of secondary wick as a heat pipe	Vinod R., Basavarajappa Y.H., Karthik S., Kumaraswamy K.L.	International Journal of Mechanical Engineering and Technology	2017	
Life estimation of turbine blisk for a gas turbine engine	Ugargol R., Narayanaswamy K.S., Sesha Kumar C.V.	International Journal of Mechanical Engineering and Technology	2017	
Erosion behaviour of HVOF sprayed (CR3C2-35%NICK) +5%Si coatings	Somasundaram B., Jegadeeswaran N., Madhu G., Ramesh M.R.	International Journal of Mechanical Engineering and Technology	2017	
Optimization of image enhancement using an artificial immune system	Jagatheswari G.K., Murugesan R.	International Journal of Mechanical Engineering and Technology	2017	
CFD analysis of convergent-divergent and contour nozzle	Madhu B.P., Sameer S., Kalyana Kumar M., Mahendra Mani G.	International Journal of Mechanical Engineering and Technology	2017	
The role of LASER treatment HVOF coating to prevent hot corrosion on industrial turbines	Dharamendara M., Jegadeeswaran N., Somasundaram B.	International Journal of Mechanical Engineering and Technology	2017	
Experimental based crack identification in aircraft wing stiffened panel using wavelet algorithm	Suresha S., Arun Kumar K., Mallikarjuna Reddy D.	International Journal of Mechanical Engineering and Technology	2017	
TCSC incorporated voltage stability assessment under contingency condition	Baleboina G.M., Daram S.B., Venkataramu P.S., Nagaraj M.S.	International Journal of Grid and Distributed Computing	2017	
Fractal PKC-based key management scheme for wireless sensor networks	Patil S.D., Vijayakumar B.P., Patil K.K.	Advances in Intelligent Systems and Computing	2017	
Industrially scalable synthesis of anti-alzheimer drug donepezil	Gaonkar S.L., Nadaf Y.F., Bilehal D., Shetty N.S.	Asian Journal of Chemistry	2017	
Earth mover's distance-based CBIR using adaptive regularised Kernel fuzzy C-means method of liver cirrhosis histopathological segmentation	Guptha N.S., Patil K.K.	International Journal of Signal and Imaging Systems Engineering	2017	

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Over-exploitation of groundwater, and its impact on phreatic aquifer system, surface water bodies and rural water supply schemes in Malur Taluk, Kolar District, Karnataka - A case study	Ramaiah S.N., Reddy R., Reddy V.J.	Nature Environment and Pollution Technology	2017	
Do literature festivals promote reading and public libraries? A survey	Kulkarni S., Dhananjaya M., Balaji B.P.	Library Hi Tech News	2017	
Integrated S-AODV and DEL-CMAC algorithm of spatio temporal cross-layer in sensor network	Chandra S., Talanki S., Patil K.K.	Advances in Intelligent Systems and Computing	2017	
ASRD: Algorithm for spliced region detection in digital image forensics	Meenakshi Sundaram A., Nandini C.	Advances in Intelligent Systems and Computing	2017	
CARIC: A novel modeling of combinatorial approach for radiological image compression	Lakshminarayana M., Sarvagya M.	Advances in Intelligent Systems and Computing	2017	
Fabrication and investigation of tensile and bending-mechanical and oxidative biodegradation properties of hybrid natural fibre reinforced bio-composites	Jagadish S.P., Dinesh K.R., Thimmana Gouda A., Swamy S.	International Journal of Mechanical Engineering and Technology	2017	
Virtual reality for metal arc welding: A review and design concept	Bharath V.G., Patil R.	International Journal of Mechanical Engineering and Technology	2017	
Bio-based diluents improve cold flow properties of dairy washed milk-scum biodiesel	Srikanth H.V., Venkatesh J., Godiganur S., Venkateswaran S., Manne B.	Renewable Energy	2017	
A miniaturized volkswagen logo UWB antenna with slotted ground structure and metamaterial for GPS, WIMAX and WLAN applications	Ali T., Biradar R.C.	Progress In Electromagnetics Research C	2017	
Heterogeneous Transesterification of Garcenia gummi gutta Oil Using t-ZrO <sub>2</sub> : A novel feedstock for biodiesel synthesis and fuel property evaluation	Sreekanth R., Joshi S.S., Reddy R.P.	Asian Journal of Chemistry	2017	
A latest comprehensive study on structured threat information expression (STIX) and trusted automated exchange of indicator information (TAXII)	Apoorva M., Eswarawaka R., Reddy P.V.B.	Advances in Intelligent Systems and Computing	2017	
Metal ion-containing C <sub>3</sub> N <sub>3</sub> S <sub>3</sub> coordination polymers chemisorbed to a copper surface as acid stable hydrogen evolution electrocatalysts	R. S. V., Kandaiah S.	Journal of Materials Chemistry A	2017	
Tailoring the luminescence properties of Y <sub>2</sub> O <sub>3</sub> :Sm <sup>3+</sup> nanophosphors by 6 MeV electron beam irradiation	Sunitha D.V., Nagabhushana H., Hareesh K., Boraskar V.N., Dhole S.D.	Radiation Measurements	2017	
A survey on hybrid routing mechanisms in mobile ad hoc networks	Walikar G.A., Biradar R.C.	Journal of Network and Computer Applications	2017	
2018-19				
Investigation on Heat Transfer Properties of Water Based TiO <sub>2</sub> -ZnO Nanofluids	Chaitanya Lahari M.L.R., Sessa Talpa Sai P.H.V., Narayana Swamy K.S., Krishnamurthy N., Sharma K.V.	IOP Conference Series: Materials Science and Engineering	2018	

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CBTM: Cryptography Based Trust Management Scheme for Secure Vehicular Communications	Tangade S., Manvi S.S.	2018 15th International Conference on Control, Automation, Robotics and Vision, ICARCV 2018	2018	
Visible-Light-Active Mixed-Valent Copper-Ion-Coordinated 2,5-Dimercapto-1,3,4-thiadiazole-Based p-Type Metallopolymer	Udachyan I., Kumara P., Vishwanath R.S., Kandaiah S.	ChemElectroChem	2018	
Tetrazolo[1,5-a]pyrimidine-based metal(II) complexes as therapeutic agents: DNA interaction, targeting topoisomerase I and cyclin-dependent kinase studies	Khan Haleel A., Mahendiran D., Rafi U.M., Veena V., Shobana S., Rahiman A.K.	Inorganic and Nano-Metal Chemistry	2018	
Performance Evaluation Analysis of Direction of Arrival Estimation Algorithms using ULA	Raghu K., Prameela Kumari N.	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques, ICECCOT 2018	2018	
An Investigation on Solar Energy Harvesting in Wireless Sensor Networks with PV MPPT	Ankaiah B., Mandi R.P.	3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques, ICECCOT 2018	2018	
A slotted quad band MSPA for WiMAX and C/X-band applications	Khan I., Devanagavi G.D., Sudhindra K.R., Ali T., Shruthi C., Nirmala S.	2018 International Conference on Networking, Embedded and Wireless Systems, ICNEWS 2018 - Proceedings	2018	
Design and evaluation of coarse tuned feedback DAGC for bluetooth low energy receivers	Bharath H.P., Basarkod P.I.	2018 International Conference on Networking, Embedded and Wireless Systems, ICNEWS 2018 - Proceedings	2018	
Inscription Manuscripts and its Performance Evaluation Methods	Bhat S., Seshikala G.	2018 International Conference on Circuits and Systems in Digital Enterprise Technology, ICCSDET 2018	2018	
Deferment of power generation in deregulated markets – A goal programming approach	Praveena Kumara K.M., Harish Babu G.A., Uday Kumar K.N., Nagesh B.K.	International Journal of Mechanical Engineering and Technology	2018	
Developing amenities in a city suburban with goal programming	Polasi S., Harish Babu G.A., Uday Kumar K.N.	International Journal of Mechanical Engineering and Technology	2018	
The effect of thermal radiation, viscous dissipation and chemical reaction on MHD boundary-layer flow of nanofluids over a moving surface	Jakati S.V., Raju B.T., Nargund A.L., Sathyanarayana S.B.	International Journal of Mechanical Engineering and Technology	2018	
Properties of bipolar fuzzy soft graphs	Rajeshwari M., Murugesan R., Venkatesh K.A.	International Journal of Mechanical Engineering and Technology	2018	
Squeeze film behavior of rough elliptical plates with micro polar fluids	Anagod R.R., Kumar J.S., Hanumagowda B.N.	ARPN Journal of Engineering and Applied Sciences	2018	
Analysis of porous elliptical plates with micropolar fluids	Anagod R.R., Santhosh Kumar J., Hanumagowda B.N.	International Journal of Mechanical Engineering and Technology	2018	
Stochastic reynolds equation for the combined effect of pressure dependent viscosity and couple stresses on squeeze-film characteristics of porous annular plates	Jahan N., Hanumagowda B.N., Sreekala C.K.	International Journal of Mechanical Engineering and Technology	2018	
Mechanical properties of UHMWPE woven fabric/epoxy composites	RajendraPrasad P., Prakash J.N., Manjunath L.H.	International Journal of Mechanical Engineering and Technology	2018	

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Fault tolerant software systems using software configurations for cloud computing	Mylara Reddy C., Niranjana N.	Journal of Cloud Computing	2018	
Trust Management Based on Node Stay Time in VANET	Koirala B., Tangade S.S., Manvi S.S.	2018 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2018	2018	
Dealing of Data Pre-processing with Computational Intelligence for Sampling and Analysis of Soil-Case Bidar District-Karnataka.	Gulledmath S., Arulkumar V.	Journal of Physics: Conference Series	2018	
Anti-Inflammatory, Radical Scavenging Mechanism of New 4-Aryl-[1,3]-thiazol-2-yl-2-quinoline Carbohydrazides and Quinoliny[1,3]-thiazolo[3,2-b][1,2,4]triazoles	Srinivasa S.B., Poojary B., Brahmavara U., Das A.J., Middha S.K.	ChemistrySelect	2018	
Cognitive Architecture Based Smart Homes for Smart Cities	Baig M.N., Himarish M.N., Pranaya Y.C., Ahmed M.R.	Proceedings of the 2nd International Conference on Trends in Electronics and Informatics, ICOEI 2018	2018	
Security and Privacy Challenges in Internet of Things	Virat M.S., Bindu S.M., Aishwarya B., Dhanush B.N., Kounte M.R.	Proceedings of the 2nd International Conference on Trends in Electronics and Informatics, ICOEI 2018	2018	
A New Property of the Discrete Cosine Transform IV DCT-IV	Madhukar B.N., Bharathi S.H.	Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018	2018	
A miniaturized circularly polarized coaxial fed superstrate slot antenna for L-band application	Ali T., Saadh M.A.W., Pathan S., Biradar R.C.	Internet Technology Letters	2018	
Design and implementation of crossbar scheduler for system-on-chip network in quantum dot cellular automata technology	Thakur G., Sarvagya M., Sharan P.	Internet Technology Letters	2018	
Provisioning Authentication on Demand in Wireless Sensor Networks: PAW	Patil S.D., Patil K.K.	2018 6th Edition of International Conference on Wireless Networks and Embedded Systems, WECON 2018 - Proceedings	2018	
effects of surface roughness with MHD on the micro polar fluid flow between rough elliptic plates	Halambi B., Hanumagowda B.N.	International Journal of Mechanical Engineering and Technology	2018	
Combined effect of piezo-viscous dependency and non-Newtonian couple stresses in porous squeeze-film circular plate	Kumar V., Naganagowda H.B., Kumar J.S., Thimmaiah R.B.	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2018	
A hybrid moth-flame fuzzy logic controller based integrated cuk converter fed brushless DC motor for power factor correction	Kamalpathi K., Priyadarshi N., Padmanaban S., Holm-Nielsen J.B., Azam F., Umayal C., Ramachandaramurthy V.K.	Electronics (Switzerland)	2018	
Multiband, frequency reconfigurable, and metamaterial antennas design techniques: Present and future research directions	Ali T., Pathan S., Biradar R.C.	Internet Technology Letters	2018	
Structural and functional properties of sol-gel synthesized and microwave heated Pb <sub>0.8</sub> Co <sub>0.2</sub> -zLazTiO <sub>3</sub> (z = 0.05–0.2) nanoparticles	Kumar N.S., Suvarna R.P., Babu Naidu K.C., Kumar G.R., Ramesh S.	Ceramics International	2018	

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Efficient Synthesis and in Silico Studies of the Benzimidazole Hybrid Scaffold with the Quinolinyloxadiazole Skeleton with Potential $\alpha$ -Glucosidase Inhibitory, Anticoagulant, and Antiplatelet Activities for Type-II Diabetes Mellitus Management and Treating Thrombotic Disorders	Bharadwaj S.S., Poojary B., Nandish S.K.M., Kengaiyah J., Kirana M.P., Shankar M.K., Das A.J., Kulal A., Sannanigaiah D.	ACS Omega	2018	
On sparse Audio Data Watermarking by Exploiting Haar Transform Structure	Jayarani E.A., Bhatt M.R., Geetha D.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
Analysis on Channel Parameters and Signal Processing methods at mm-wave for 5G networks	Abdul Haq N., Sarvagya M.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
Performance of Power Converters for Ultra Low Power Systems: A Review	George A.M., Y Kulkarni S.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
A study of Optimum Sampling Pattern for Reconstruction of MR Images using Compressive Sensing	Shrividya G., Bharathi S.H.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
CAN controlled complex real time stimulus for verification and validation of powertrain systems	Gowda M.B., Biradar R.C., Kotgire M.K.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
14 -bit Low Power Successive Approximation ADC using Two Step Split Capacitive array DAC with multiplexer switching.	Savitha M., Reddy R.V.S.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
ICAIECC 2018 Message from Director, School of CIT	Manvi D.S.S.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
ICAIECC 2018 Message from Vice-Chancellor	Kulkarni S.Y.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
Dynamic key Dependent S-Box for Symmetric Encryption for IoT Devices	Ara T., Shah P.G., Prabhakar M.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
Enhanced Framework for Sentiment Analysis in Text using Distance based Classification Scheme	Angadi S., Venkata Siva Reddy R.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
Design and Analysis of Two Novel Metamaterial Unit Cell for Antenna Engineering	Ali T., Subhash B.K., Biradar R.C.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	

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A Metamaterial based Multiband Frequency Reconfigurable Antenna for Wireless Applications	Ashish K., Yeshaswini D., Subhash B.K., Ali T., Biradar R.C.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
An Innovative Approach of Classroom Scheduling: SmartClass: A Review	Khandelwal S.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
Smart-Cart for Smart-Cities	Prem Kumar G., Bangre S.B., Kavya M., Varun M., Anupama R.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
ICAIECC 2018 Message from Advisor	Talawar V.G.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
Analysis, Comparison Simulation of Three Phase 9 Level Cascaded Multilevel Inverter with Advanced Modulation Control Techniques using Less Switches	Kumar M.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
ICAIECC 2018 Message from Registrar	Dhanamjaya M.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
Preprocessing and Binarization of Inscription Images using Phase Based Features	Bhat S., Seshikala G.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
A Novel LCP substrate dual band antenna loaded with T-shaped resonator and Circular slot	Khan I., Geetha D., Sudhindra R.K., Ali T., Biradar R.C.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
A Compact Audi-Shaped Slotted Multiband Antenna for WiMAX/WLAN/X-band Applications	Subhash B.K., Abhishek K., Tanweer A., Bharathi S.H., Biradar R.C.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
A Compact Planar Metamaterial Inspired Antenna for Satellite Applications	Subhash B.K., Ali T., Biradar R.C.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
ICAIECC 2018 Message from Honorable Chancellor	Raju P.S.	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018	2018	
Miccs: A novel framework for medical image compression using compressive sensing	Lakshminarayana M., Sarvagya M.	International Journal of Electrical and Computer Engineering	2018	
OFCS: Optimized Framework of Compressive Sensing for Medical Images in Bottleneck Network Condition	Lakshminarayana M., Sarvagya M.	International Journal of Electrical and Computer Engineering	2018	
Heat transfer enhancement in a high power LED using heat sink with liquid pockets	Sangmesh B., Gopalakrishna K., Manjunath S.H., Kumar M.N., Kumar G.V.	Journal of Scientific and Industrial Research	2018	

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A Dual band Metamaterial Antenna for 5G and Higher Satellite band Applications	Ali T., Subhash B.K., Prasad K.D., Biradar R.C.	2018 4th International Conference for Convergence in Technology, I2CT 2018	2018	
Time-Domain Analysis of a U-Shaped Wideband Monopole Antenna operating in the range 6.9-8.2GHz for Satellite Applications	Hegde S.K., Subhash B.K., Ali T.	Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018	2018	
Effect of cryoforging on mechanical properties of low SFE cast brass	Dasharath S.M., Mula S., Patil S.	International Journal of Mechanical and Production Engineering Research and Development	2018	
Evaluation of mechanical properties of E-glass fibre reinforced polymer matrix composite used as implant for tibia bone	Pujar S.N., Dinesh K.R., Jagadish S.P., Swamy S.	International Journal of Mechanical Engineering and Technology	2018	
Study of Casson nano MHD flow over a stretching sheet with non-uniform heat source/sink by ham	Jakati S.V., Raju B.T., Nargund A.L., Sathyanarayana S.B.	International Journal of Mechanical Engineering and Technology	2018	
Fuzzy logic and regression modelling of machining parameters in turning using cryo-treated M2 HSS tool	Santosh, Manjunath L.H., Ahmed M.R., Lokesha M.	International Journal of Mechanical Engineering and Technology	2018	
MICCS: A novel framework for medical image compression using compressive sensing	Lakshminarayana M., Sarvagya M.	International Journal of Electrical and Computer Engineering	2018	
OFCS: Optimized framework of compressive sensing for medical images in bottleneck network condition	Lakshminarayana M., Sarvagya M.	International Journal of Electrical and Computer Engineering	2018	
Hot Corrosion Behaviour of Refractory and Rare Earth Oxide Reinforced CoCrAlY APS Coatings at 700 °C	Nithin H.S., Desai V., Ramesh M.R.	Transactions of the Indian Institute of Metals	2018	
Cyclic Oxidation and Hot Corrosion Behavior of Plasma-Sprayed CoCrAlY + WC-Co Coating on Turbine Alloys	Nithin H.S., Vijay D., Ramesh M.R.	Journal of Failure Analysis and Prevention	2018	
Solid Modelling Interaction with Sensors in Virtual Environment for the Application of Virtual Reality Welding	Bharath V.G., Patil R.	International Conference on Current Trends in Computer, Electrical, Electronics and Communication, CTCCEC 2017	2018	
Performance study of DFIG under variable wind speed for grid integration	Latha Shenoy K., Nayak C.G., Mandi R.P.	Journal of Advanced Research in Dynamical and Control Systems	2018	
A Toyota Logo Penta-band Antenna loaded with pi and inverted L-shaped Slots for Multiple Wireless Applications	Ali T., Kavinaamole A., Subhash B.K., Biradar R.C.	Proceedings of the 4th International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2018	2018	
A Survey on Efficient Spectrum Utilization for Future Wireless Networks Using Cognitive Radio Approach	Madan H.T., Basarkod P.I.	Proceedings of the 4th International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2018	2018	
A Compact Maple leaf Shaped Multiband Antenna Loaded with dodecagonal slot for Wireless Applications	Ali T., Ashish K., Subhash B.K.	Proceedings of the 4th International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2018	2018	
A Compact Multiband Antenna loaded with Etype unit cell DGS structure and H-shaped slot for WiMAX/WLAN Applications	Ali T., Abhiram, Subhash B.K., Biradar R.C.	Proceedings of the 4th International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2018	2018	



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A highly Compact Triple band Antenna for diverse Wireless Applications	Ali T., Darshan, Subhash B.K., Durga Prasad K.	Proceedings of the 4th International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2018	2018	
A Compact Planar Triple band slotted Antenna for Wireless Applications	Khan I., Geetha D., Sudhindra K.R., Ali T., Biradar R.C.	Proceedings of the 4th International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2018	2018	
Experimental investigation on HSFP using MWCNT based nanofluids for high power light emitting diodes	Sangmesh B., Gopalakrishna K., Manjunath S.H., Kathyayini N., Kadirgama K., Samykano M., Vijayakumar G.C.	Journal of Mechanical Engineering and Sciences	2018	
Experimental analysis of vortex tube by using different materials	Kumar Rao K.K., Sharanappa G., Ramesh A.	International Journal of Mechanical Engineering and Technology	2018	
A case study on metrological analysis of fuel injection system of aeronautical engine	George R., Murugesan R., Vijayakumar D.	International Journal of Mechanical Engineering and Technology	2018	
Photocatalytic degradation performance of Nd <sup>3+</sup> doped V <sub>2</sub> O <sub>5</sub> nanostructures	Navyashree G.R., Hareesh K., Sunitha D.V., Nagabhushana H., Nagaraju G.	Materials Research Express	2018	
A miniaturized multiband reconfigurable fractal slot antenna for GPS/GNSS/Bluetooth/WiMAX/X-band applications	Ali T., Fatima N., Biradar R.C.	AEU - International Journal of Electronics and Communications	2018	
Decentralized and scalable privacy-preserving authentication scheme in VANETs	Tangade S., Manvi S.S., Lorenz P.	IEEE Transactions on Vehicular Technology	2018	
Flux influenced morphology tailoring and emission color tuning to pure white in ZrO <sub>2</sub> :Eu <sup>3+</sup> +phosphors	Ponkumar S., Janaki K., PrakashBabu D., Kumar M.M., Reddy M.M.	Journal of Luminescence	2018	
A miniaturized slotted multiband antenna for wireless applications	Ali T., Prasad K.D., Biradar R.C.	Journal of Computational Electronics	2018	
A fractal quad-band antenna loaded with L-shaped slot and metamaterial for wireless applications	Ali T., Saadh Aw M., Biradar R.C.	International Journal of Microwave and Wireless Technologies	2018	
I-PAR: Improved Petal Ant Routing Algorithm for Mobile Ad-Hoc Networks	Sathyaprakash B.P., Jayaprasad M., Manjunath M.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	
A compact bandwidth enhanced antenna loaded with SRR for WLAN/WiMAX/satellite applications	Ali T., Mohammad Saadh A.W., Biradar R.C.	Advanced Electromagnetics	2018	
Design and performance analysis of multiband microstrip antennas for iot applications via satellite communication	Sanil N., Venkat P.A.N., Ahmed M.R.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	
Design of Dual-band Microstrip antenna for WiMax and X band applications	Prahlad, Prasanna M., Rakesh V., Ahmed M.R.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	
Predicting lung cancer using datamining techniques with the aid of SVM classifier	Senthil D.S., Ayshwarya B.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	

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Analysis through machine learning techniques: A survey	Reddy R., Shyam G.K.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	
Design and Performance Analysis of Dual-band Microstrip patch antennas for Smart Apparels	Prahlad, Kandakatla R.A., Riyaz Ahmed M.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	
Design of an U shaped slotted patch antenna for RFID Vehicle Identification	Prahlad, Sanil N., Venkat P.A.N., Ahmed M.R.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	
Survey on Intelligent Control Approaches for Prediction of Boiler Efficiency in Thermal Power Plant	Thota S., Mandi R.P., Chaudhari S.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	
Multiband circularly polarized microstrip reader antenna for RFID applications	Prasanna M., Rakesh V., Ahmed M.R.	Proceedings of the 2nd International Conference on Green Computing and Internet of Things, ICGCIoT 2018	2018	
Effect of hydromagnetic squeeze film lubrication of micropolar fluid between two elliptical plates	Halambi B., Hanumagowda B.N.	International Journal of Mechanical Engineering and Technology	2018	
Deep learning based weighted SOM to forecast weather and crop prediction for agriculture application	Mohan P., Patil K.K.	International Journal of Intelligent Engineering and Systems	2018	
A miniaturized slotted ground structure UWB antenna for multiband applications	Ali T., Mohammad Saadh A.W., Biradar R.C., Andujar A., Anguera J.	Microwave and Optical Technology Letters	2018	
Influence of heat treatment on Cr and Fe-rich precipitates in thermally aged duplex steels	Vasanth S., Krishna H., Gopi K.R., Anne G.	Emerging Materials Research	2018	
Critical Survey on IOT Based Monitoring and Control of Induction Motor	Potturi S., Mandi R.P.	2018 IEEE 16th Student Conference on Research and Development, SCORED 2018	2018	
IFT88 mutations identified in individuals with non-syndromic recessive retinal degeneration result in abnormal ciliogenesis	Chekuri A., Guru A.A., Biswas P., Branham K., Boroah S., Soto-Hermida A., Hicks M., Khan N.W., Matsui H., Alapati A., Raghavendra P.B., Roosing S., Sarangapani S., Mathavan S., Telenti A., Heckenlively J.R., Riazuddin S.A., Frazer K.A., Sieving P.A., Ayyagari R.	Human Genetics	2018	
Review on Magnetocaloric Effect and Materials	Ram N.R., Prakash M., Naresh U., Kumar N.S., Sarmash T.S., Subbarao T., Kumar R.J., Kumar G.R., Naidu K.C.B.	Journal of Superconductivity and Novel Magnetism	2018	
Consumer insight mining: Aspect based Twitter opinion mining of mobile phone reviews	Rathan M., Hulipalled V.R., Venugopal K.R., Patnaik L.M.	Applied Soft Computing Journal	2018	
Allocating advertising cost by goal programming	Sandeep Kumar K., Harish Babu G.A., Uday Kumar K.N.	International Journal of Mechanical and Production Engineering Research and Development	2018	

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Performance and emission characteristics of a CNG-Biodiesel dual fuel operation of a single cylinder four stroke CI engine	Basavarajappa Y.H., Banapurmath N.R., Pradeep G., Vinod R., Yaliwal V.	IOP Conference Series: Materials Science and Engineering	2018	
A review: Mechanical Properties of HSS Steel by deep Cryo-Treatment	Santosh, Manjunatha L.H., Lokesha M., Ajaykumar B.S.	IOP Conference Series: Materials Science and Engineering	2018	
Hybridized approach of artificial bee colony algorithm for detection of suspicious brain pattern using magnetic resonance images	Balasubramani K., Madhura P., Kulkarni R.V., Pavithra P.	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017	2018	
A simulation study of impact of low and high mobility on MANET routing protocols	Ravi B., Patil K.K., Shenoy U.K.K., Holla B.A.	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017	2018	
Elevated temperature solid particle erosion behaviour of carbide reinforced CoCrAlY composite coatings	Nithin H.S., Desai V., Ramesh M.R.	Materials Research Express	2018	
ZrO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> nanocomposite: Synthesis, characterization and influence of electron beam irradiation on the structural and PL properties	Ponkumar S., Janaki K., Prakash Babu D., Munirathnam K., Kumar M.M.	AIP Conference Proceedings	2018	
Smart grids: A perspective on the integration and encapsulation of power energy systems with ICT systems- New research directions and challenges	Mallikarjuna M., Khanam A., Poonia A.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Detection of unusual events in low resolution video for enhancing ATM security and prevention of thefts	Prajwal B.K., Sreeharsha M.S., Raghulan R., Sumanth Babu S., Kiran M.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Modeling and performance study of DFIG for wind application	Latha Shenoy K., Gurudas Nayak C., Mandi R.P.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Cloud broker and their role in a hybrid multi cloud environment	Girish G., Nischita N.J.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Honey bee optimization based resource discovery scheme for vehicular cloud networks	Kambalimath M.G., Kakkasageri M.S., Manvi S.S.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Enhancement of coverage in wireless sensor network	Biradar S., Mallikarjuna Shastry P.M.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Road traffic network solution in Matlab using soft computing	Chattoraj M., Udaya Rani V.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
A survey on technique for prediction of disease in medical data	Tikotikar A., Kodabagi M.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	

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Feature Driven Hybrid Test Automation Framework (FDHTAF) for web based or cloud based application testing	Kiranagi V.H., Shyam G.K.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Smart university-student information management system	Jain S., Garg R., Bhosle V., Sah L.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Measuring students' engagement using wireless heart rate sensors	Senthil S., Lin W.M.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Trust management scheme in VANET: Neighbour communication based approach	Tangade S., Manvi S.S.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Every post matters: A survey on applications of sentiment analysis in social media	Rathan M., Hulipalled V.R., Murugeswari P., Sushmitha H.M.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Grid interactive rooftop solar PV power plant for educational institute	Mandi R.P.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Prediction capability of neural network models for higher heating value used for boiler efficiency	Thota S., Mandi R.P., Ramesh N., Chaudhari S.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Securing data using elliptic curve cryptography and least significant bit steganography	Bhadra J., Banga M.K., Vinayaka Murthy M.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Product recommendation for the day using fuzzy c-means and association rule generator in KNIME	Japali S.B., Archana B.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
A Corner truncated circularly polarized antenna for IRNSS application	Khaleeq M.M., Saadh A.W.M., Ali T., Reddy B.S.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
NotifySec (A secured notification infrastructure)	Iddalagi P.H., Veena K.N.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Challenges and solutions of interoperability on IoT: How far have we come in resolving the IoT interoperability issues	Konduru V.R., Bharamagoudra M.R.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
A review on overlapping community detection methodologies	Rashmi C., Kodabagi M.M.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	

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Estimation of battery management system	Sagar B.S., Mandi R.P.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Digital control of buck converter using arduino microcontroller for low power applications	Viswanatha V., Reddy R.V.S.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
A review on using various DM techniques for evaluation of performance and analysis of heart disease prediction	Bindushree D.C., Rani V.U.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Spamming the mainstream: A survey on trending Twitter spam detection techniques	Lalitha L.A., Hulipalled V.R., Venugopal K.R.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
A double negative metamaterial antenna for WiMAX application	Saadh A.W.M., Ali T., Biradar R.C.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Database-per-service for e-learning system with micro-service architecture	Suresh Kumar S., Mallikarjuna Shastry P.M.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Throughput optimized using evolutionary computing to guarantee QoS in IEEE 802.16 networks	Ravishankar H., Patil K.K.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
A review on home automation system	Jerabandi M., Kodabagi M.M.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
A slotted multiband antenna with wide-bandwidth operation at lower band for WLAN/WiMAX applications	Ali T., Khaleeq M.M., Fathima N., Biradar R.C.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
A survey on clock synchronization protocols in wireless sensor networks	Geetha D.D., Tabassum N.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Comparison, simulation and hardware setup for single phase cascaded multilevel inverter with less switches	Kumar M.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
A review on detection of prostate cancer techniques	Kaulgud S.P., Hulipalled V.R., Patil S.S., Venugopal K.R.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Comb needle model for data aggregation using self-diagnose cluster in WSN	Raheem S.A., Prabhakar M., Venugopal C.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	

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Real time traffic speed controlling, collision detection and vehicle tracking system	Chethan H.D., Hegde P.V.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Evaluatory STBD model for bio-signal compression provisioning in wire-less sensor network	Kumble L., Patil K.K.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	
Design of a dual-substrate H-Type patch antenna for UHF RFID applications	Kumar M.S., Basarkod P.I.	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings	2018	
A fuzzy based approach to cluster formation in wireless sensor networks to enhance the lifetime of the network	Nagesha, Manvi S.S.	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings	2018	
A miniaturized dual band antenna loaded with L and G-shaped slots for WiMAX/WLAN Applications	Ali T., Bhudevi H., Subhash B.K., Prasad K.D., Biradar R.C.	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings	2018	
A compact hept-band slot antenna for wireless applications	Ali T., Yeshaswini D., Biradar R.C., Subhash B.K.	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings	2018	
Trust evaluation based on reward points for alerts in VANET	Koirala B., Tangade S.S., Manvi S.S.	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings	2018	
Modeling and Simulation of on-chip ramp generator for power management IC's using cadence	Sudharshan K.M., Pallavi R., Anilkumar C.S., Yatheesh H.G.	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings	2018	
A compact low profile rectangular shaped octa-band planar antenna for wireless applications	Ali T., Subhash B.K., Yashaswini B.S., Prasad K.D., Darshana P.N., Biradar R.C.	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings	2018	
Design and simulation of DC-DC buck converter using cadence tool	Sudharshan K.M., Anilkumar C.S., Pallavi R., Yatheesh H.G., Santosh, Siva Reddy S.V.	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings	2018	
A compact quad band slot antenna for WLAN/WiMAX/X-band applications	Ali T., Meti D., Biradar R.C., Subhash B.K.	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings	2018	
Automotive electronic safety for intelligent transportation system	Padmanabha K.S., Basarkod P.I., Asuti M.G.	2018 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2018 - Proceedings	2018	
Characterisation & hot corrosion studies on plasma sprayed (WC-CO) / (CR3C2-NICR) Coating on titanium & special steel alloys	Reddy M.S.G., Ramesh M.R., Rao N.T., Jegadeeswaran N.	International Journal of Mechanical Engineering and Technology	2018	

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Combined effect of surface roughness and pressure-dependent viscosity over couple-stress squeeze film lubrication between circular stepped plates	Hanumagowda B.N., Raju B.T., Santhosh Kumar J., Vasanth K.R.	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	2018	
Synthesis of hitherto unknown 4,4-bis(Methylthio)but-3-en-2-one-1,1,1,3-d4 and its application as 1,3-dielectrophilic building block for the synthesis of deuterated heterocycles and aromatics	Charanraj T.P., Ramachandra P., Ramesh N., Junjappa H.	Letters in Organic Chemistry	2018	
Effect of micropolar fluids on squeeze film lubrication between curved annular plates	Hanumagowda B.N., Chaithra N., Salma A.	Journal of Physics: Conference Series	2018	
Combined effect of Piezo-viscous dependency and non-Newtonian couple stresses in Annular Plates Squeeze-Film characteristics	Hanumagowda B.N., Savitamma G., Salma A., Noorjahan	Journal of Physics: Conference Series	2018	
Effects of surface roughness, MHD and couple stress on squeeze film characteristics between curved circular plates	Hanumagowda B.N., Salma A., Nagarajappa C.S.	Journal of Physics: Conference Series	2018	
Study of effect of magnetohydrodynamics and couple stress on steady and dynamic characteristics of porous exponential slider bearings	Hanumagowda B.N., Gonchigara T., Santhosh Kumar J., Mshiva Kumar H.	Journal of Physics: Conference Series	2018	
Effect of micropolar fluids on the squeeze film elliptical plates	Anagod R.R., Hanumagowda B.N., Santhosh Kumar J.	Journal of Physics: Conference Series	2018	
Combined effect of piezo-viscous dependency and Couple Stresses on Squeeze-Film Characteristics of Rough Annular Plates	Jahan N., Hanumagowda B.N., Salma A., Shivakumar H.M.	Journal of Physics: Conference Series	2018	
Combined Effect of Piezoviscous Dependency and Non-Newtonian Couple Stress on Squeeze-Film Porous Annular Plate	Vasanth K.R., Hanumagowda B.N., Santhosh Kumar J.	Journal of Physics: Conference Series	2018	
Mathematical Optimization Algorithm for Minimizing the Cost Function of GHG Emission in AS/RS Using Positive Selection Based Clonal Selection Principle	Mahalakshmi, Murugesan R.	Journal of Physics: Conference Series	2018	
Effects of non-uniform temperature gradients on surface tension driven two component magneto convection in a porous-fluid system	Manjunatha N., Sumithra R.	Journal of Physics: Conference Series	2018	
Effect of pressure dependent viscosity on couple stress squeeze film lubrication between porous circular stepped plates	Hanumagowda B.N., Raju B.T., Santhosh Kumar J., Vasanth K.R.	Journal of Physics: Conference Series	2018	
Artificial Immune Algorithm for Subtask Industrial Robot Scheduling in Cloud Manufacturing	Suma T., Murugesan R.	Journal of Physics: Conference Series	2018	
Effects of an external circuit on a MHD slider bearing with couplestress fluid between conducting plates	Fathima S.T., Jamal S., Hanumagowda B.N.	Journal of Physics: Conference Series	2018	

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Analysis of Effect of magneto hydrodynamics and couple stress of steady and dynamic characteristics for porous secant slider bearings	Hanumagowda B.N., Cyriac T., Kavitha L., Salma A.	Journal of Physics: Conference Series	2018	
Analysis of effect of magneto-hydrodynamic, couple-stress and roughness on conical bearing	Hanumagowda B.N., Swapna S.N., Asha B.S.	Journal of Physics: Conference Series	2018	
Effects of Surface Roughness on Conical Squeeze Film Bearings with Micropolar fluid	Rajani C.B., Hanumagowda B.N., Shigehalli V.S.	Journal of Physics: Conference Series	2018	
Computer aided detection system for lung cancer using computer tomography scans	Mahesh S., Rakesh S., Patil V.C.	AIP Conference Proceedings	2018	
Syn vs Anti Carboxylic Acids in Hybrid Peptides: Experimental and Theoretical Charge Density and Chemical Bonding Analysis	Pal R., Reddy M.B.M., Dinesh B., Venkatesha M.A., Grabowsky S., Jelsch C., Guru Row T.N.	Journal of Physical Chemistry A	2018	
New congruences for overcubic partition function	Shivashankar C., Mahadeva Naika M.S.	Matematiski Vesnik	2018	
Parameter estimation for photovoltaic system under normal and partial shading conditions: A survey	Kumari P.A., Geethanjali P.	Renewable and Sustainable Energy Reviews	2018	
Diversity and Inclusion Management: A Focus on Employee Engagement	Itam U., Bagali M.M.	Management Techniques for a Diverse and Cross-Cultural Workforce	2018	
A survey on fault detection, diagnosis and recovery in wireless mesh networks	Manvi S., Benni N.	International Conference on Electrical, Electronics, Communication Computer Technologies and Optimization Techniques, ICEECCOT 2017	2018	
A comprehensive overview on variants of CUCKOO search algorithm and applications	Rakesh S., Mahesh S.	International Conference on Electrical, Electronics, Communication Computer Technologies and Optimization Techniques, ICEECCOT 2017	2018	
Crop production rate estimation using parallel layer regression with deep belief network	Mohan P., Patil K.K.	International Conference on Electrical, Electronics, Communication Computer Technologies and Optimization Techniques, ICEECCOT 2017	2018	
A multiband reconfigurable slot antenna for wireless applications	Ali T., Muzammil Khaleeq M., Biradar R.C.	AEU - International Journal of Electronics and Communications	2018	
ZrO <sub>2</sub> :Sm <sup>3+</sup> nanophosphor: synthesis, Rietveld refinement, optical and thermoluminescent properties	Ponkumar S., Janaki K., Prakashbabu D., Ramalingam H.B., Munirathnam K., Sreekanth T.V.M., Dhoble S.J.	Applied Physics A: Materials Science and Processing	2018	
A triple-band highly miniaturized antenna for WiMAX/WLAN applications	Ali T., Biradar R.C.	Microwave and Optical Technology Letters	2018	
Corrigendum to "Positron annihilation spectroscopy and photoluminescence investigation of LaOF:Tb <sup>3+</sup> nanophosphor fabricated via ultrasound assisted sonochemical route" [Mater. Sci. Eng. B 224 (2017) 28–39] (S0921510717301551) (10.1016/j.mseb.2017.07.001))	Suresh C., Nagabhushana H., Darshan G.P., Basavaraj R.B., Sharma S.C., Sunitha D.V., Daruka Prasad B., Williams J.F., Hareesh K.	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	2018	
Solid Modelling Interaction with Sensors for Virtual Reality Welding	Bharath V.G., Patil R.	MATEC Web of Conferences	2018	



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Effect of SiC Nano powder on Multiaxial Woven and Chopped Randomly Oriented Flax/Sisal Fiber Reinforced composites	Kalagi G.R., Patil R., Shetty S.K., Nayak M.	MATEC Web of Conferences	2018	
Identification of the genetic determinants responsible for retinal degeneration in families of Mexican descent	Villanueva A., Biswas P., Kishaba K., Suk J., Tadimeti K., Raghavendra P.B., Nadeau K., Lamontagne B., Busque L., Geoffroy S., Mongrain I., Asselin G., Provost S., Dube M.-P., Nudleman E., Ayyagari R.	Ophthalmic Genetics	2018	
Resource Allocation in Cloud Computing Using Optimization Techniques	Shyam G.K., Chandrakar I.	Studies in Big Data	2018	
Redundancy Elimination with Coverage Preserving Algorithm in Wireless Sensor Network	Biradar S., Shastry M.	International Journal of Communication Networks and Information Security	2018	
Analysis of large volume data processing using clustering algorithms	Sarada B., Vinayaka Murthy M., Udaya Rani V.	International Journal of Engineering and Technology(UAE)	2018	
An approach to achieve high efficiency for large volume data processing using multiple clustering algorithms	Sarada B., Vinayaka Murthy M., Udaya Rani V.	International Journal of Engineering and Technology(UAE)	2018	
Building a prediction model to predict the Breast Cancer using ANN'S kernel based method	Naganandini G., Vishwanth R.H.	International Journal of Engineering and Technology(UAE)	2018	
Efficient and compressive hybrid data dissemination model with data aggregation in healthcare applications using WSN	Abdul Raheem S., Prabhakar M., Venugopal C., Gillela K.	International Journal of Engineering and Technology(UAE)	2018	
Analysis of ZIP load modeling in power transmission system	Ram S.S., Daram S.B., Venkataramu P.S., Nagaraj M.S.	International Journal of Control and Automation	2018	
FPGA implementation of UART with single error correction and double error detection (UART-SEC-DED)	Gorabal A., Nayana D.K.	International Journal of Engineering and Technology(UAE)	2018	
Energy efficient secured cluster based distributed fault diagnosis protocol for IoT	Ara T., Prabhkar M., Shah P.G.	International Journal of Communication Networks and Information Security	2018	
Spectroscopic properties of NiO, PbO, CaO and MgO ionic crystals synthesized by ball milling method	Kumar G.R., Basha D.B., Naidu K.C.B., Ramesh S., Srinivas K.	Recent Patents on Materials Science	2018	
A multiband slot antenna loaded with stubs for WLAN/WIMAX/satellite TV applications	Khan I., Ali T., Devanagavi G.D., Sudhindra K.R., Biradar R.C.	Advanced Electromagnetics	2018	
Application of genetic algorithm for efficient reconstruction of compressive sensed MRI	Shrividya G., Bharathi S.H.	Journal of Advanced Research in Dynamical and Control Systems	2018	
Digital manufacturing of dental implants using computer aided engineering and fused deposition method	Sardar K., Patil R.	International Journal of Mechanical and Production Engineering Research and Development	2018	
Using map-reduce for image analysis in cloud environment	Supreeth S., Raja Rajeshwari M.M.	Lecture Notes in Networks and Systems	2018	
A survey on the path restoration in MPLS networks	Ambika B.J., Naga Maruthi Kumari N., Banga M.K.	Lecture Notes in Networks and Systems	2018	

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Liver contour and shape analysis under pattern clustering	Guptha N.S., Patil K.K.	Lecture Notes in Networks and Systems	2018	
Classifying the lung cancer related genes in protein to protein interaction network using a predictive model	Patil A.K., Patil S.S., Prabhakarprabhakar M.	Journal of Advanced Research in Dynamical and Control Systems	2018	
A process capability improvement of machining parameters of ten ton compactor's rear chassis	Khola V., Harsha R.	International Journal of Mechanical and Production Engineering Research and Development	2018	
Medical image segmentation based on extreme learning machine algorithm in Kernel Fuzzy C-Means using artificial bee colony method	Lingappa H.K., Suresh H.N., Manvi S.K.	International Journal of Intelligent Engineering and Systems	2018	
Novel mechanism of classifying the brain tumor for identifying its critical state	Murthy T.S.D., Sadashivappa G., Shankar D.R.	International Journal of Advanced Computer Science and Applications	2018	
Feature extraction from segmented lung images and feature selection through soft set based approach	Rangaswamy C., Raju G.T., Seshikala G.	Journal of Computational and Theoretical Nanoscience	2018	
Diversity and inclusion management: A focus on employee engagement	Itam U., Bagali M.M.	Gender and Diversity: Concepts, Methodologies, Tools, and Applications	2018	
Investigation of machinability characteristics on C45 steel with cryogenically treated HSS tool for cutting force and temperature using statistical technique	Madival S., Ahmed M.R., Marulaiah L., Halappa M.L.	International Journal of Modern Manufacturing Technologies	2018	
Development of Laser Heat Treatment HVOF Coating to Combat Oxidation on Gas Turbines	Dharamendara M., Jegadeeswaran N.	Materials Today: Proceedings	2018	
A partition-based energy-efficient strategy for deadline-based data collection in wireless sensor networks	Babu R., Shenoy U.K.K., Patil K.K.	International Journal of Sensors, Wireless Communications and Control	2018	
Solution combustion synthesis of ZrO <sub>2</sub> :Tb <sup>3+</sup> nanophosphors viable for WLEDs	Ponkumar S., Janaki K., Prakashbabu D., B Ramalingam H., Munirathnam K., Hari Krishna R.	Materials Today: Proceedings	2018	
Therapeutic molecules for fumigating inflammatory tumor environment	Harikrishnan A., Veena V.	Current Signal Transduction Therapy	2018	
Novel approach for lung image segmentation through enhanced FPCM method	Rangaswamy C., Raju G.T., Seshikala G.	Journal of Advanced Research in Dynamical and Control Systems	2018	
Detection of macro and micro nodule using online region based-active contour model in histopathological liver cirrhosis	Guptha N.S., Patil K.K.	International Journal of Intelligent Engineering and Systems	2018	
Web personalization through probabilistic graphical model incorporated active feedback approach	Doddegowda B.J., Manvi S.S., Raju G.T.	Journal of Advanced Research in Dynamical and Control Systems	2018	
Influence of Mechanical & tribological Behaviour Of Al 2024 MMC Fabricated by Stir Casting Technique-A Review	Kumaraswamy H.S., Bharat V., Krishna Rao T.	Materials Today: Proceedings	2018	
Weather and crop prediction using modified self organizing map for Mysore region	Mohan P., Patil K.K.	International Journal of Intelligent Engineering and Systems	2018	
Energy aware hybrid multicast routing in mobile ad hoc networks: Zone-based approach	Walikar G.A., Biradar R.C.	International Journal of Mobile Network Design and Innovation	2018	

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Resource prediction-based routing using agents in mobile ad hoc networks	Chaudhari S.S., Biradar R.C.	International Journal of Communication Networks and Distributed Systems	2018	
An efficient fault tolerant and cost optimized power model for distributed power generation system	Raghavendra G., Ramachandra M.	Journal of Advanced Research in Dynamical and Control Systems	2018	
A miniaturized decagonal sierpinski UWB fractal antenna	Ali T., Subhash B.K., Biradar R.C.	Progress In Electromagnetics Research C	2018	
A goal programming approach to large scale thermal power generation units	Sridevi P., Harish Babu G.A., Uday Kumar K.N.	International Journal of Engineering Research and Technology	2018	
Allocation of human resources in a health care organization through goal programming	Praveen Kumar K.M., Harish Babu G.A., Uday Kumar K.N.	International Journal of Engineering Research and Technology	2018	
Capital budgeting decision through goal programming	Sandeep Kumar K., Harish Babu G.A., Uday Kumar K.N.	International Journal of Engineering Research and Technology	2018	
Identification of lung cancer related genes using enhanced Floyd warshall algorithm in a protein to protein interaction network	Patil A.K., Patil S.S., Manickam P.	International Journal of Intelligent Engineering and Systems	2018	
Real time estimation of SoC and SoH of batteries	Prasad K.S.V., Divakar B.P.	International Journal of Renewable Energy Research	2018	
Preprocessing of lung images with a novel image denoising technique for enhancing the quality and performance	Rangaswamy C., Raju G.T., Seshikala G.	Lecture Notes in Computational Vision and Biomechanics	2018	
A Study on Mechanical Properties of Silk Fiber Reinforced Epoxy Resin Bio-Composite with SiC As Filler Addition	Akash S., Avinash S., Ramachandra M.	Materials Today: Proceedings	2018	
Gamma radiation-assisted diffusion of Au nanoparticles in nanocavities of polycarbonate: Nano-structural and surface properties	Hareesh K., Sunitha D.V., Ramya P., Williams J.F., Samarin S., Dhole S.D., Sanjeev G.	Materials Research Express	2018	
Development and Application of FBBFBEM Solution for 3-D Complex- Shaped Domain	Anand S.N., Sreerama Reddy T.V., Madhu D., Rao T.K.	Materials Today: Proceedings	2018	
Effects of non-uniform temperature gradients on surface tension driven two component magnetoconvection in a porousfluid system	Nand M., Sumithra R.	ARPJ Journal of Engineering and Applied Sciences	2018	
Production of Polyhydroxyalkanoates (PHAs) using synthetic biology and metabolic engineering approaches	Vijay R., Tarika K.	Research Journal of Biotechnology	2018	
Automated diagnosis of tachycardia beats	Desai U., Nayak C.G., Seshikala G., Martis R.J., Fernandes S.L.	Smart Innovation, Systems and Technologies	2018	
A multiband antenna loaded with metamaterial and slots for GPS/WLAN/WiMAX applications	Ali T., Khaleeq M.M., Pathan S., Biradar R.C.	Microwave and Optical Technology Letters	2018	
Ruthenium ion containing N and S rich triazine based metallopolymer as a low overpotential acid stable electrocatalyst for hydrogen evolution	Udachyan I., Vishwanath R.S., Pradeepa Kumara C.S., Kandaiah S.	Journal of Catalysis	2018	
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Structural, optical and Mössbauer spectroscopic investigations on the environment of Fe in Fe-doped ZnO (Zn <sub>1-x</sub> Fe <sub>x</sub> O) ceramics synthesized by solution combustion method	Mahour L.N., Choudhary H.K., Kumar R., Anupama A.V., Sahoo B.	Ceramics International	2019	
Investigation on mechanical properties of hybrid graphene and beryl reinforced aluminum 7075 composites	Patil S., Haneef M., Manjunath L.H., Reddappa H.N.	IOP Conference Series: Materials Science and Engineering	2019	
Evolutionary Computing Assisted Heterogenous Ensemble Model for Web-of-Service Software Reusability Prediction	Parande P.V., Banga M.K.	4th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques, ICECCOT 2019	2019	
Geometric calibration of a time-of-flight depth sensor and a colour camera pair	Cholachgudda K.E., Biradar R.C., Lokanath M.	Proceedings of the 11th International Conference on Advanced Computing, ICoAC 2019	2019	
A Study on Digital Image Forgery Techniques and its Detection	Chaitra B., Bhaskar Reddy P.V.	Proceedings of the 4th International Conference on Contemporary Computing and Informatics, IC3I 2019	2019	
Key Technologies and challenges in IoT Edge Computing	Naveen S., Kounte M.R.	Proceedings of the 3rd International Conference on I-SMAC IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2019	2019	
On Road Intelligent Vehicle Path Prediction and Clustering using Machine Learning Approach	Kamble S.J., Kounte M.R.	Proceedings of the 3rd International Conference on I-SMAC IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2019	2019	
Template-free hydrothermal synthesis of hexa ferrite nanoparticles and its adsorption capability for different organic dyes: Comparative adsorption studies, isotherms and kinetic studies	Jinendra U., Bilehal D., Nagabhushana B.M., Reddy K.R., Reddy C.V., Raghu A.V.	Materials Science for Energy Technologies	2019	
Study on mechanical properties of concrete by using industrial waste	Jayachandra, Venkata Sai Nagendra C., Reddy A.B., Sanjith J.	International Journal of Scientific and Technology Research	2019	
Influence of partial curing on strength of concrete	Mishra R., Reshma T.V., Bhavya B.S., Sankalpasri S.S., Naik P.R.	International Journal of Scientific and Technology Research	2019	
Geochemical modelling of kushawathi watershed area chikkaballapur district, karnataka.	Mohan Kumar T.M., Prabhu N.	International Journal of Scientific and Technology Research	2019	
A comparative analysis of non-performing assets (Npas) of public and private sector banks in india-an endless battle	Harani B., Mutyala S.	International Journal of Scientific and Technology Research	2019	
Finite-time synchronization of Markovian jumping complex dynamical networks and hybrid couplings	Anand K.S., Harish Babu G.A., Syed Ali M., Padmanabhan S.	Chinese Journal of Physics	2019	
Effects of viscous dissipation and convective boundary conditions on magnetohydrodynamics flow of casson liquid over a deformable porous channel	Neeraja A., Renuka Devi R.L.V., Devika B., Naga Radhika V., Krishna Murthy M.	Results in Engineering	2019	
EPS bound flavins driven mediated electron transfer in thermophilic Geobacillus sp.	Gurumurthy D.M., Bharagava R.N., Kumar A., Singh B., Ashfaq M., Saratale G.D., Mulla S.I.	Microbiological Research	2019	

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How Can Leaders Make Their Followers to Commit to the Organization? The Importance of Influence Tactics	Chaturvedi S., Rizvi I.A., Pasipanodya E.T.	Global Business Review	2019	
Introgression of Root and Water Use Efficiency Traits Enhances Water Productivity: An Evidence for Physiological Breeding in Rice ( <i>Oryza sativa</i> L.)	Dharmappa P.M., Doddaraju P., Malagondanahalli M.V., Rangappa R.B., Mallikarjuna N.M., Rajendrareddy S.H., Ramanjinappa R., Mavinahalli R.P., Prasad T.G., Udayakumar M., Sheshshayee S.M.	Rice	2019	
Analysis of diabetes mellitus for early prediction using optimal features selection	Sneha N., Gangil T.	Journal of Big Data	2019	
Novel Co and Ni metal nanostructures as efficient photocatalysts for photodegradation of organic dyes	Srinivas M., Ch Venkata R., Kakarla R.R., Shetti N.P., Reddy M.S., Anjanapura V.R.	Materials Research Express	2019	
Experimental investigations of a low heat rejection (LHR) engine powered with Mahua oil methyl ester (MOME) with exhaust gas recirculation (EGR)	Kulkarni P.S., Sharanappa G., Ramesh M.R., Banapurmath N.R., Khandal S.V.	Biofuels	2019	
A compact multiband band slot antenna for wireless applications	Khan I., Ali T., Devanagavi G.D., Sudhindra K.R., Biradar R.C.	Internet Technology Letters	2019	
A comparative pedagogical approach in vernacular architecture: Theoretical method vs PBL method	Srikanth V., Swamy V., Shinde V.V.	Journal of Engineering Education Transformations	2019	
Recognition of Kannada Characters in Scene Images using Neural Networks	Siddiqua S., Naveena C., Manvi S.S.	Proceedings of the IEEE International Conference Image Information Processing	2019	
An Overview of Traditional and Recent Trends in Video Processing	Joy H.K., Kounte M.R.	Proceedings of the 2nd International Conference on Smart Systems and Inventive Technology, ICSSIT 2019	2019	
A Novel Circularly Polarized Multiple Elliptical Printed Monopole Antenna	Niveditha E., Chaitra H., Afrose K., Thomas S.	Proceedings of the 2nd International Conference on Smart Systems and Inventive Technology, ICSSIT 2019	2019	
Impact of corporate governance disclosure practices on financial performance of selected sectors	Subramanyam M., Shalini B.	International Journal of Scientific and Technology Research	2019	
Behaviour of ground granulated blast furnace slag concrete in marine environment under chloride attack	Bhat A.V., Tengli S.K.	International Journal of Innovative Technology and Exploring Engineering	2019	
Enhanced and efficient memory model for hadoop mapreduce	Bhaskar A., Ranjan R.	International Journal of Innovative Technology and Exploring Engineering	2019	
Grade card method of ground water health evaluation of mustoor sub-watershed chikballapur taluk Karnataka	Reddy A., Reddy Y.R.	International Journal of Innovative Technology and Exploring Engineering	2019	
Compressive strength of bacterial concrete by varying concentrations of e.Coli and JC3 bacteria for self-healing concrete	Akki R.V., Sunil S.K., Jitendra S., Dhananjay M.	International Journal of Innovative Technology and Exploring Engineering	2019	
Energy efficient clustering using MMHC (Modified multi-hop clustering)	Vimala M., Ranjan R.	International Journal of Innovative Technology and Exploring Engineering	2019	
Effect of beryl addition on mechanical properties of al7075 using a stir casting technique	Patil S., Haneef M.	International Journal of Innovative Technology and Exploring Engineering	2019	

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Real time monitoring of critical equipments in smart grids using WSN	Pavana H., Deshpande R.	International Journal of Scientific and Technology Research	2019	
Fuzzy-based cluster head selection and cluster formation in wireless sensor networks	Shivappa N., Manvi S.S.	IET Networks	2019	
Deterministic and stochastic processes driving the shift in the prokaryotic community composition in wastewater treatment plants of a coastal Chinese city	Hou L., Mulla S.I., Nino-Garcia J.P., Ning D., Rashid A., Hu A., Yu C.-P.	Applied Microbiology and Biotechnology	2019	
Tunable emission and energy-transfer mechanism of single-phase Na <sub>3</sub> Y(PO <sub>4</sub> ) <sub>2</sub> :Ce <sup>3+</sup> , Mn <sup>2+</sup> -phosphors for white LEDs	Vishwanath R., Munirathnam K., Vijaya R., Nagajyothi P.C.	Journal of Luminescence	2019	
A robust pre-coding and hybrid equalization assisted MIMO-MU visible light communication system for QoS centric indoor communication	Ali T., Balani W.	Telecommunication Systems	2019	
Dual split-three segment capacitor array Design Based Successive approximation ADC for Io-T ecosystem	Savitha M., Reddy R.V.S.	Integration	2019	
A review of the open-access scenario in Afghanistan	Dandawate V.S., Dhanamjaya M.	Library Hi Tech	2019	
Influence of 120 MeV Si <sup>9+</sup> ion irradiation on ZnTe semiconductor thin films	Pattar J., PrakashBabu D., Balakrishna K.M., Mahesh H.M.	Radiation Effects and Defects in Solids	2019	
Effects of multiple slip conditions on hydromagnetic flow of Jeffrey fluid over a deformable porous channel	Krishna Murthy M., Renuka Devi R.L.V., Swapna Y., Rachana C.	SN Applied Sciences	2019	
Impact of Lorentz force on free convection flow of a viscous fluid past an infinite vertical plate	Sravan Kumar T.	SN Applied Sciences	2019	
Network-On-Chip (NoC) - Routing Techniques: A Study and Analysis	Uma R., Sarojadevi H., Sanju V.	2019 Global Conference for Advancement in Technology, GCAT 2019	2019	
Consensus pattern selection from structured profile using multiobjective algorithm	Ali A., Hulipalled V.R., Patil S.S., Adbulkader R.	International Journal of Advanced Science and Technology	2019	
Microstructure, tensile properties and hardness behavior of AL7075 matrix composites reinforced with graphene nanoplatelets and beryl fabricated by stir casting method	Patil S., Haneef M.	International Journal of Engineering and Advanced Technology	2019	
Groebner basis and its applications	Singh Y.S., Lairenjam B.	International Journal of Engineering and Advanced Technology	2019	
Improved Cohesive Energy of Metallic Nanoparticles by Using L-J Potential with Structural Effect	Nayak P., Naik S.R., Sar D.K.	Iranian Journal of Science and Technology, Transaction A: Science	2019	
Flexural performance of self consolidating, self cured concrete beams-incorporating Sap	Sanjay Raj A., Annadini S.B.	International Journal of Innovative Technology and Exploring Engineering	2019	
A study on recent trends in Hrm with special reference to work life balance	Swetha M.	International Journal of Scientific and Technology Research	2019	
Thermal imaging techniques in agricultural applications	Aryalekshmi B.N., Biradar R.C., Mohammed Ahamed J.	International Journal of Innovative Technology and Exploring Engineering	2019	

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Physical and biochemical assessment of sugarcane bagasse ( <i>Saccharum officinarum</i> )	Chandra I., Ramesh N., Upadhyay A.	International Journal of Innovative Technology and Exploring Engineering	2019	
The impact of the thickness of the porous material on the parallel plate channel flow of ree-eyring fluid when the walls are provided with non-erodible porous lining	Renuka Devi R.L.V., Ebenezer D., Naga Radhika V., Krishna Murthy M.	International Journal of Mechanical and Production Engineering Research and Development	2019	
Electron beam exposure- structural immunity and color tuning in Al <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> :Dy <sup>3+</sup> binary matrix prepared by a hybrid approach	Ponkumar S., Janaki K., PrakashBabu D., Hari Krishna R.	Journal of Luminescence	2019	
Optimized memory model for hadoop map reduce framework	Bhaskar A., Ranjan R.	International Journal of Electrical and Computer Engineering	2019	
Fuzzy and PSO Based Clustering Scheme in Underwater Acoustic Sensor Networks Using Energy and Distance Parameters	Krishnaswamy V., Manvi S.S.	Wireless Personal Communications	2019	
The rhenium(I)-diselenoether anticancer drug targets ROS, TGF-β1, VEGF-A, and IGF-1 in an in vitro experimental model of triple-negative breast cancers	Collery P., Veena V., Harikrishnan A., Desmaele D.	Investigational New Drugs	2019	
DPCCG-EJA: Detection of key pathways and cervical cancer related genes using enhanced Johnson's algorithm	Ali A., Hulipalled V.R., Patil S.S., Kappaparambil R.A.	International Journal of Advanced Science and Technology	2019	
Bandwidth aware routing protocol for mpls-manet	Ambika B.J., Banga M.K.	International Journal of Advanced Science and Technology	2019	
Solution combustion synthesis of SrMoO <sub>4</sub> nanophosphor using different molybdenum sources and study of its photocatalytic properties	Kusuma M., Jagannath K.V.	Materials Research Express	2019	
Hash Based Integrity Verification for Vehicular Cloud Environment	Hegde N., Manvi S.	Proceedings - 2019 8th IEEE International Conference on Cloud Computing in Emerging Markets, CCEM 2019	2019	
A deep learning based driver classification and trust computation in VANETs	Tangade S., Manvi S.S., Hassan S.	IEEE Vehicular Technology Conference	2019	
Testbeds and simulation tools for SIIoT strategies to shorten time-to-market for SIIoT solutions	Venkateswara Raju K., Bharamagoudr M.R.	International Journal of Recent Technology and Engineering	2019	
Research on IEEE 754 standard single precision floating point multipliers designed using urdhva triyagbhyam sutra of vedic mathematics	Sai Venkatramana Prasada G.S., Seshikala G., Niranjana S.	International Journal of Recent Technology and Engineering	2019	
A characterization of CS-MRI reconstruction using PSO for random under sampling pattern	Shrividya G., Bharathi S.H.	International Journal of Recent Technology and Engineering	2019	
Video enhancement techniques employed over the decade for reliable communication	Padma Reddy A.M., Udaya Rani V., Barath S.R.	International Journal of Innovative Technology and Exploring Engineering	2019	
Research of high speed and energy efficient visual cryptography techniques	Arun V., Biradar R.C., Mahendra V.	International Journal of Innovative Technology and Exploring Engineering	2019	

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Robust sterilization resistant video authentication using pixel randomization and modified lsb steganography	Bhadra J., Murthy M.V., Banga M.K.	International Journal of Recent Technology and Engineering	2019	
Using heart rate to predict students' academic performance	Wong M.L., Senthil S., Robert L.	International Journal of Recent Technology and Engineering	2019	
Tribological behavior and hardness properties of heat treated Al 7075-beryl-graphene hybrid metal matrix composites	Patil S., Haneef M.	International Journal of Recent Technology and Engineering	2019	
Diabetes prediction using data mining classification techniques	Manjusree M., Sateesh Kumar K.A.	International Journal of Recent Technology and Engineering	2019	
An improved hybrid stacked classifier for multi label text categorization	Sree Lakshmi P., Kavitha	International Journal of Recent Technology and Engineering	2019	
Image restoration model using total variance, bilateral and wavelet denoising filter	Mohamed Abdul Kader Jailani N., Thirunavukkarasu V.	International Journal of Recent Technology and Engineering	2019	
An optimized and trained model of cooperative sensing for cognitive radio networks	Madan H.T., Basarkod P.I.	International Journal of Recent Technology and Engineering	2019	
Makespan map reduce architecture for efficient memory utilization	Bhaskar A., Ranjan R.	International Journal of Recent Technology and Engineering	2019	
Performance, combustion and emission characteristics of direct injection diesel engine fueled with castor oil methyl esters and ethanol blends equipped with 6 hole nozzle	Varun Kumar Reddy N., Sangashetty S.G., Banapurmath	International Journal of Recent Technology and Engineering	2019	
Software defect prediction mechanisms for quality enhancement	Amutha A., Arulkumar V., Francis Densil Raj V.	International Journal of Recent Technology and Engineering	2019	
Routing and scheduling issues in vehicular Ad-hoc networks	Kamble S.J., Kounte M.R.	International Journal of Recent Technology and Engineering	2019	
Passive copy-move tamper detection methods for digital images	Thirunavukkarasu V., Ranganathappa M., Satheshkumar J.	International Journal of Recent Technology and Engineering	2019	
A robust blind image forensic-detection method based on fuzzy technique	Thirunavukkarasu V., Sathesh Kumar J.	International Journal of Recent Technology and Engineering	2019	
Water quality assessment of Hebbal lake in Bangalore city	Naik P.R., Sankalpasri S.S., Bhavya B.S., Reshma T.V.	International Journal of Innovative Technology and Exploring Engineering	2019	
Behavior of piles with raft foundation using safe software	Reshma T.V., Bhavya B.S., Mishra R., Sankalpasri S.S.	International Journal of Innovative Technology and Exploring Engineering	2019	
On-grid adaptive compressive sensing framework for underdetermined DOA estimation by employing singular value decomposition	Raghu K., Prameela Kumari N.	International Journal of Innovative Technology and Exploring Engineering	2019	
Voltage and frequency based optimal load shedding using improved self adaptive harmony search algorithm	Raghu C.N., Manjunatha A., Raghavendra G.	International Journal of Innovative Technology and Exploring Engineering	2019	
A smart dustbin using mobile application	Anilkumar C.S., Suhas G., Sushma S.	International Journal of Innovative Technology and Exploring Engineering	2019	



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One-step gamma radiation aided diffusion of Ag-Au alloy nanoparticles into polycarbonate and its application towards the reduction of 4-Nitrophenol	Hareesh K., Sunitha D.V., Dhole S.D., Boraskar V.N., Phase D.M., Williams J.	Radiation Physics and Chemistry	2019	
Disruption in HR through inclusive emotional culture: Key to sustainable growth in Indian businesses	Ghosh N.	Handbook of Research on Managerial Practices and Disruptive Innovation in Asia	2019	
Employee experience design: An innovation for sustainable human capital management practices	Ghosh N., Itam U.	Handbook of Research on Managerial Practices and Disruptive Innovation in Asia	2019	
$\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles modified glassy carbon electrode for the sensitive detection of folic acid	Ramu J., Mahanthappa M., Yellappa S., Chandrasekhar K.B.	Materials Research Express	2019	
Machine learning based sensitivity analysis for the applications in the prediction and detection of cancer disease	Saxena S., Prasad S.N.	2019 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2019 - Proceedings	2019	
Duality properties for the variants of the Discrete W Transform (DWT)	Madhukar B.N., Bharathi S.H.	2019 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2019 - Proceedings	2019	
Comparative study of Narrowband and Wideband Opportunistic Spectrum Access Techniques	Anupama R., Kulkarni S.Y., Prasad S.N.	2019 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2019 - Proceedings	2019	
Similarity properties for the offshoots of the Generalized Discrete Hartley Transform (GDHT)	Madhukar B.N., Bharathi S.H.	2019 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2019 - Proceedings	2019	
Synthesis, characterization and study of cytotoxicity, antioxidant properties of isatin based mixed ligand complexes	Mohan M., Veena V., Ramakrishna Reddy K.	Research Journal of Pharmacy and Technology	2019	
Clustering and data aggregation scheme in underwater wireless acoustic sensor network	Krishnaswamy V., Manvi S.K.S.	Telkomnika (Telecommunication Computing Electronics and Control)	2019	
Performance research on variable data rate reconfigurable architecture for SDR receiver	Nataraj U.R.S., Venkatasiva Reddy R.	International Journal of Recent Technology and Engineering	2019	
Research on CS-MRI reconstruction with WHT as sparsifying transform	Shrividya G., Bharathi S.H.	International Journal of Engineering and Advanced Technology	2019	
Active mesh based motion compensation algorithm for video compression in wavelet sub bands	Vidyasagar K.N., Bharathi S.H., Vinay N.A.	International Journal of Engineering and Advanced Technology	2019	
Optimum usage of GGBS in ready Mix concrete industry	Raghavendra Y.B., Ramalinga Reddy Y.	International Journal of Engineering and Advanced Technology	2019	
Detection of prostate cancer related genes using modified ford-fulkerson algorithm in protein-to-protein interaction network	Kaulgud S.P., Hulipalled V., Patil S.S.	International Journal of Engineering and Advanced Technology	2019	
Dysfluency recognition by using spectral entropy features	Vinay N.A., Bharathi S.H.	International Journal of Engineering and Advanced Technology	2019	

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Normalization of behavioral features in autism spectrum disorder with influencing attributes	Vijayalakshmi K., Vinayakamurthy M., Anuradha	International Journal of Innovative Technology and Exploring Engineering	2019	
Performance evaluation of battery and super-capacitor for electric vehicle with hybrid techniques	Nagesh B.K., Lakshmikantha B.R.	International Journal of Innovative Technology and Exploring Engineering	2019	
Optimal classification of lung cancer related genes using enhanced reliefF algorithm and multiclass support vector machine	Patil A.K., Patil S.S., Prabhakar M.	International Journal of Innovative Technology and Exploring Engineering	2019	
DNA profiling and in vitro cytotoxicity studies of tetrazolo[1,5-a]pyrimidine-based copper(II) complexes	Haleel A.K., Rafi U.M., Mahendiran D., Mitu L., Veena V., Rahiman A.K.	BioMetals	2019	
Enhanced mosquitocidal efficacy of colloidal dispersion of pyrethroid nanometric emulsion with benignity towards non-target species	Mishra P., Dutta S., Haldar M., Dey P., Kumar D., Mukherjee A., Chandrasekaran N.	Ecotoxicology and Environmental Safety	2019	
Molecular Interaction of Hemorrhheologic Agent, Pentoxifylline with Bovine Serum Albumin: An Approach to Investigate the Drug Protein Interaction Using multispectroscopic, Voltammetry and Molecular Modelling Techniques	Mallappa M., Savanur M.A., Gowda B.G., Vishwanth R.S., Puthusseri B.	Zeitschrift fur Physikalische Chemie	2019	
Clustering-based approach for medical data classification	Kodabagi M.M., Tikotikar A.	Concurrency and Computation: Practice and Experience	2019	
Phase transformation and microstructure evolution study in various alloy systems: An insight	Jagadeesh Babu S.M., Kataraki P.S., Narayanaswamy K.S.	IOP Conference Series: Materials Science and Engineering	2019	
Development of foam porous media to undergo surface and submerged flame during premixed combustion	Janvekar A.A., Abdullah M.Z., Ahmad Z.A., Abas A., Kataraki P.S., Ismail A.K., Akhtar M.N., Ishak H.H., Mohamed M.	IOP Conference Series: Materials Science and Engineering	2019	
“A Hardware Implementation of Hazardous Gases Detection Using Robot”	Kumari A.P., Byregowda B.K., Vijayakumara Y.M., Ravikumar H.R., Sheshappa S.N., Kumar P.S.	International Journal of Engineering Trends and Technology	2019	
Precision Agriculture using Data Mining Techniques and IOT	Sneha N., Sushma K.V., Muzumdar S.S.	1st IEEE International Conference on Advances in Information Technology, ICAIT 2019 - Proceedings	2019	
Alignment of protein interaction networks and disease prediction: A survey	Ali A., Hulipalled V.R., Patil S.S., Abdulkader R.	International Journal of Advanced Trends in Computer Science and Engineering	2019	
Stability and dynamic response of analog and digital control loops of bidirectional buck-boost converter for renewable energy applications	Viswanatha V., Venkata Siva Reddy R., Rajeswari	International Journal of Recent Technology and Engineering	2019	
Micro structural and mechanical properties of agave Americana L. Fiber and silk hybrid fiber composite material	Mansoor P., Sandeep Kumar B.W., Afsar Hussain G.	International Journal of Recent Technology and Engineering	2019	
Web-of-service software reusability prediction using heterogenous ensemble classifier	Parande P.V., Banga M.K.	International Journal of Innovative Technology and Exploring Engineering	2019	

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Women street vendors, challenges and opportunities: An superlative analysis with special reference to chittoor District of Andhra Pradesh, India	Prasad R.V., Subhashini D.	International Journal of Innovative Technology and Exploring Engineering	2019	
Augmentation of classifier accuracy through implication of feature selection for breast cancer prediction	Deepa B.G., Senthil S., Gupta Rahil M., Shah Vishakha R.	International Journal of Recent Technology and Engineering	2019	
Automatic railway level crossing system with embedded precision solar panel using IoT	Francis Densil Raj V., Arul Kumar V., Dalvin Vinoth Kumar A.	International Journal of Recent Technology and Engineering	2019	
Prevalence of type-II diabetics association with PM 2.5 and PM 10 in central region of Tamil Nadu, India	Arockiam L., Sathyapriya S., Jane V.A., Dalvin Vinoth Kumar A.	International Journal of Recent Technology and Engineering	2019	
Geographic analytics and visualization for decision making: An application for online food delivery platform	George K., Sreejith R., Senthil S.	International Journal of Recent Technology and Engineering	2019	
Prevalence of diabetes mellitus in tiruchirappalli district using machine learning	Arockiam L., Sathyapriya S., Jane V.A., Dalvin Vinoth Kumar A.	International Journal of Recent Technology and Engineering	2019	
SDN based data offloading and load balancing techniques for applications in 5G	Shilpa V., Ranjan R.	International Journal of Recent Technology and Engineering	2019	
Cloud computing model for agricultural applications	Vimala M., Ranjan R.	International Journal of Recent Technology and Engineering	2019	
Credit card fraud analysis using robust space invariant artificial neural networks (RSIANN)	Deepika S., Senthil S.	International Journal of Recent Technology and Engineering	2019	
Improving the performance of lung cancer detection at earlier stage and prediction of reoccurrence using the neural networks and ant lion optimizer	Senthil S., Ayshwarya B., Shubha A.	International Journal of Recent Technology and Engineering	2019	
Ecs: An enhanced cloud security algorithm	Selvaraj J.C., Kumar V.A., Raj V.F.D., Kumar A.D.V.	International Journal of Recent Technology and Engineering	2019	
Social media data analytics to improve the customer services: The case of fast-food companies	Rose S., Sreejith R., Senthil S.	International Journal of Recent Technology and Engineering	2019	
Optimal biclustering using hybrid swarm intelligence for web usage mining	Kavitha	International Journal of Recent Technology and Engineering	2019	
Detection and prevention of dos attacks in vanet with rsu's cooperative message temporal signature	Kabbur M., Arul Kumar V.	International Journal of Recent Technology and Engineering	2019	
Optimization of machine learning techniques on autism spectrum disorder with swarm intelligence based feature selection	Vijayalakshmi K., Vinayakamurthy M., Anuradha V.	International Journal of Recent Technology and Engineering	2019	
Unified provisioning framework for dynamic virtual machine placement optimization in cloud data center	Shah D., Vinayakmurthi M., Kumar A.	International Journal of Recent Technology and Engineering	2019	
Yield forecasting for indian crops with ensemble model	Lokesh C.K., Senthil S.	International Journal of Recent Technology and Engineering	2019	
Design of high speed 32-bit floating point multiplier using Urdhva Triyagbhyam sutra of vedic mathematics	Sai Venkatramana Prasada G.S., Seshikala G., Niranjana S.	International Journal of Recent Technology and Engineering	2019	

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Erosion wear behavior of SiC nano powder filled flax and sisal fabric hybrid composites with taguchi experimental design	Kalagi G., Patil R.	International Journal of Recent Technology and Engineering	2019	
Isomorphic graphs based on isomorphic groups	Pathuri S., Kumari N.N.M.	AIP Conference Proceedings	2019	
Generator graphs for cyclic groups	Gopalakrishnan M., Kumari N.N.M.	AIP Conference Proceedings	2019	
Metro domination number of powers of cycle	Basavaraju G.C., Vishukumar M., Raghunath P.	AIP Conference Proceedings	2019	
Effectiveness of multi skill training program in the manufacturing process	Mahalakshmi, Murugesan R.	AIP Conference Proceedings	2019	
MoS <sub>2</sub> -graphene-CuNi <sub>2</sub> S <sub>4</sub> nanocomposite an efficient electrocatalyst for the hydrogen evolution reaction	Adarakatti P.S., Mahanthappa M., Hughes J.P., Rowley-Neale S.J., Smith G.C., S A., Banks C.E.	International Journal of Hydrogen Energy	2019	
Visible-Light-Active Triazine-Thiadiazole-Based p-Type Copolymer with Stable Photoelectrochemical Behavior in Acidic Electrolytes	Udachyan I., Kandaiah S.	Journal of Physical Chemistry C	2019	
Temperature and frequency dependence of complex impedance parameters of microwave sintered NiMg ferrites	Chandra Babu Naidu K., Suresh Kumar N., Ranjith Kumar G., Naresh Kumar S.	Journal of the Australian Ceramic Society	2019	
Comparative study on low energy ion beam modification of thermoplastic polymers	Raveesha P.M., Hareesh K., Dhole S.D., Asokan K., Sanjeev G.	Radiation Effects and Defects in Solids	2019	
Influence of ageing on kinetics and strain-hardening behaviour of duplex stainless steels	Vasanth S., Krishna H., Sonnappa D., Nithin H.S., Kataraki P.K.	Emerging Materials Research	2019	
Enhanced Architecture for Precision Adders	Archana G.N., Kumari P.N.	Proceedings of the 3rd International Conference on Electronics and Communication and Aerospace Technology, ICECA 2019	2019	
Hybrid deep network scheme for emotion recognition in speech	Angadi S., Reddy V.S.	International Journal of Intelligent Engineering and Systems	2019	
A penalty based self adaptive harmony search algorithm for optimal load shedding	Raghu C.N., Manjunatha A., Raghavendra G.	International Journal of Engineering and Advanced Technology	2019	
Vehicle detection in night time using background model in urban traffic environment	Pavan Kumar U., Bharathi S.H.	International Journal of Innovative Technology and Exploring Engineering	2019	
Optimized focused Web Crawler with Natural Language Processing based relevance measure in bioinformatics web sources	Mani Sekhar S.R., Siddesh G.M., Manvi S.S., Srinivasa K.G.	Cybernetics and Information Technologies	2019	
Ultrasound assisted fabrication of SrTiO <sub>3</sub> nanopowders: Effect of electron beam induced structural and luminescence properties for solid state lightning and high temperature dosimetry applications	Yashodamma S., Darshan G.P., Basavaraj R.B., Udayabhanu, Nagabhushana H.	Optical Materials	2019	

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Effects of Temporary Alloying and Severe Plastic Deformation on Microstructure Evolution and Mechanical Properties of Ti-Alloys: A Comparative Study	Jagadeesh Babu S.M., Narayana Murty S.V.S., Prabhu N., Kapoor R., Singh R.N., Kashyap B.P.	Transactions of the Indian Institute of Metals	2019	
In-situ preparation of nanostructured $\alpha$ -MnO <sub>2</sub> /polypyrrole hybrid composite electrode materials for high performance supercapacitor	Shivakumara S., Munichandraiah N.	Journal of Alloys and Compounds	2019	
Synchrotron X-ray radiation assisted synthesis of Ag/Polycarbonate and Au/Polycarbonate polymer matrix and its pollutant degradation application	Hareesh K., Sunitha D.V., Dhamgaye V.P., Dhole S.D., Bhoraskar V.N., Phase D.M.	Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms	2019	
Vanadium pentoxide nanorods in latent finger print detection	Navyashree G.R., Hareesh K., Nagabhushana H., Nagaraju G., Sunitha D.V.	Materials Research Express	2019	
Biodiesel synthesis from Garcinia gummi-gutta (L. Robson) seed oil: fuel feasibility evaluation of a novel feedstock by homogeneous and heterogeneous transesterification	Rajagopalachar S., Joshi S.S., Reddy R.P.	Biofuels	2019	
A Compact Square Shaped Multiband Antenna loaded with Rectangular and U-slots for UMTS, WiMAX, WLAN and X-band Applications	Bhat M.M., Subhash B.K., Rajashekhar C.B.	2019 4th IEEE International Conference on Recent Trends on Electronics, Information, Communication and Technology, RTEICT 2019 - Proceedings	2019	
Insights of mathematics for big data	Punith Kumar D.N., Pasha A.	International Journal of Engineering and Advanced Technology	2019	
News rank: Ranking news topics based on social media factors	Kulkarni M., Hulipalled V.R.	International Journal of Engineering and Advanced Technology	2019	
Comparative study of multiple machine learning algorithms for students' performance data for job placement in university	Athreya Shetty B., Pasha A., Amith Singh S., Shreyas N.I., Hande A.R.	International Journal of Engineering and Advanced Technology	2019	
Multiple machine learning classifiers for student's admission to university prediction	Anil B., Pasha A., Aman, Singh A.K., Singh A.K.	International Journal of Engineering and Advanced Technology	2019	
Password processing scheme using enhanced visual cryptography and OCR in hybrid cloud environment	Ranjith R., Supreeth S., Ramya R., Ganesh Prasad M., Chaitra Lakshmi L.	International Journal of Engineering and Advanced Technology	2019	
Adaptive k-nearest centroid neighbor classifier for detecting drifted twitter spam	Lalitha L.A., Hulipalled V.R.	International Journal of Engineering and Advanced Technology	2019	
An effective authentication scheme for videos using invisible watermark	Bhadra J., Vinayaka Murthy M., Banga M.K.	International Journal of Engineering and Advanced Technology	2019	
Detection of liver lesion using ROBUST machine learning technique	Sowmya Sundari L.K., Guptha N.S., Shruthi G., Thanuja K., Anitha K.	International Journal of Engineering and Advanced Technology	2019	
Tracking suicidal tendency using twitter data and machine learning algorithms	Daiphule L., Reddy B., Savith A., Apoorva T.V., Kavyashree	International Journal of Engineering and Advanced Technology	2019	
Intelligent traffic management system	Kishen V., Sathvik Murthy M.S., Kumar M., Koul N.	International Journal of Engineering and Advanced Technology	2019	

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Efficient face recognition system for identifying lost people	Balar B.D., Kavya D.S., Chandana M., Anush E., Hulipalled V.R.	International Journal of Engineering and Advanced Technology	2019	
Machine learning based flower recognition system	Tiwari U., Singh R.K., Wargia R.V., Vikashrao P.U.	International Journal of Engineering and Advanced Technology	2019	
Accuracy of classification algorithms for diabetes prediction	Subhash A.R., Ashwin Kumar U.M.	International Journal of Engineering and Advanced Technology	2019	
Machine learning methods for heart disease prediction	Rashmi G.O., Ashwin Kumar U.M.	International Journal of Engineering and Advanced Technology	2019	
Workspace allocation and management system with realtime feedback from IOT sensors	Nevara J., Mirji J.	International Journal of Engineering and Advanced Technology	2019	
Optimizing random forest to detect disease in apple leaf	Kamalalochana S., Guptha N.	International Journal of Engineering and Advanced Technology	2019	
IoT based smart card pollution and traffic control system	Saha D., Azam F., Kumar B., Abedin F., Jose D.	International Journal of Engineering and Advanced Technology	2019	
Traffic management using convolution neural network	Dhingra G., Supreeth S., Neha K.R., Amruthashree R.V., Eshitha D.	International Journal of Engineering and Advanced Technology	2019	
Inference of gene regulatory networks for prostate cancer using Bayesian networks with feedback and feed forward loops	Koul N., Manvi S.K.S.	International Journal of Engineering and Advanced Technology	2019	
Device contextual content publishing in media & publishing industry using big data analytics on AWS	Girish G., Prabhakar M.	International Journal of Engineering and Advanced Technology	2019	
Smart traffic analysis using machine learning	Aditya Krishna K.V.S., Abhishek K., Swaraj A., Patil S.D., Shyam G.K.	International Journal of Engineering and Advanced Technology	2019	
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Automatic noise detection and reduction in images	Manjunath P.C., Dhanush S., Uday Teja G., Srinidhi G., Madhu Babu N.	International Journal of Engineering and Advanced Technology	2019	
Efficient conversational AI agent to improve rural and urban healthcare	Nischita N.J., Mylara Reddy C.	International Journal of Engineering and Advanced Technology	2019	
Crime detection in surveillance videos	Ashok Kumar J.M., Arun Kumar C., Abishek B.R., Thirumagal E.	International Journal of Engineering and Advanced Technology	2019	
NLP models behind RASA stack	Shenoy A., Sushma Ravindra Y., Sharma A., Rajan A., Gv A.	International Journal of Engineering and Advanced Technology	2019	
Android application on plant disease identification using tensorflow	Gowda N.C., Kumar S., Majumdar S., Abhishek K.N., Sarode P.	International Journal of Engineering and Advanced Technology	2019	
Robotic ARM using computer vision	Sandeep M., Shivgonda L., Rajeswari M., Kaushik S., Tengli N.	International Journal of Engineering and Advanced Technology	2019	

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Face recognition system based on LBPH algorithm	Singh A.P., Manvi S.S., Nimbale P., Shyam G.K.	International Journal of Engineering and Advanced Technology	2019	
Face recognition based attendance management system using DLIB	Chaitanya Krishna V.B., Bhaskar Reddy P.V., Chethan Kumar A., Ahmed S., Sampath M.	International Journal of Engineering and Advanced Technology	2019	
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Wide area disaster management system using mobile intranet	Anitha K., Khadri T., Prurvimuth T., Venkatesh T.D., Nesarikar Y.	International Journal of Engineering and Advanced Technology	2019	
Placement – An android based project for the automation of placement and training department	Srivastava A., Malik A., Bhatt A., Kumari A., Manju More E.	International Journal of Engineering and Advanced Technology	2019	
Real time person detection and classification using YOLO	Tejas Rao C., Zainuddin M., Patil S.M., Shashank G., Koul N.	International Journal of Engineering and Advanced Technology	2019	
Emotion recognition using open CV	Aditya P.S.R.V., Dinesh Sai P., Varati P., Singh R.R., Ranjitha U.N.	International Journal of Engineering and Advanced Technology	2019	
Machine learning based leaf disease detection	Sowmya Sundari L.K., Rayapuram H., Keerthana M., Kusuma Rathna M., Shalini A.	International Journal of Engineering and Advanced Technology	2019	
Data recovery from encrypted image and recovering image	Naik S.K.R., Yadav K., Yadav H., Gowda N.C., Mounika	International Journal of Engineering and Advanced Technology	2019	
Smart traffic light	Yadav H., Iranna G.G., Nimallesh J., Kiran Kumar B., Archana B.	International Journal of Engineering and Advanced Technology	2019	
Development of image annotation tool by using region grow algorithm	Arun Kumar E., Malage G.M., Manvi S.S., Patil K.K.	International Journal of Engineering and Advanced Technology	2019	
Classification of mammograms using attention learning for localization of malignancy	Nagaraj M., Prabhakar V., Thota S.	International Journal of Engineering and Advanced Technology	2019	
Smart blind stick using artificial intelligence	Pruthvi S., Nihal P.S., Menon R.R., Samith Kumar S., Tiwari S.	International Journal of Engineering and Advanced Technology	2019	
An approach to face detection and recognition using viola jones	Malge A., Dhaduk H.M., Mallikarjuna Shastry P.M.	International Journal of Engineering and Advanced Technology	2019	
BMTC e-pass application	Guna Shekar B., Darshan C., Ganesh Horamata B.V., Mulimani B., Sarvamangala D.R.	International Journal of Engineering and Advanced Technology	2019	
Fatigue detection system based on eye blinks of drivers	Aravind A., Agarwal A., Jaiswal A., Panjiyara A., Mallikarjun Shastry P.M.	International Journal of Engineering and Advanced Technology	2019	
Design and implementation of 12 pulse AC to DC converter in aircraft for aerospace applications	Harshitha G.B., Oommen S.	International Journal of Recent Technology and Engineering	2019	
GC-ZRP: Cross-layer architecture based geographical network condition aware zone routing protocol for MANET	Suhaas K.P., Senthil S.	International Journal of Recent Technology and Engineering	2019	
A 14-bit dual-split capacitor array DAC design based successive approximation ADC	Savitha M.R., Siva Reddy V.	International Journal of Recent Technology and Engineering	2019	

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A compact dual band BENZ logo antenna with staircase structured ground for millimetre wave (MMW) applications	Subhash B.K., Angulakshmi A., Abhishek K., Kumar O.P., Ali T.	International Journal of Innovative Technology and Exploring Engineering	2019	
<sup>27</sup> Al MAS NMR investigations on Al <sub>23</sub> Te <sub>77</sub> glass: Observation of 5- coordinated Al and its influence on electrical switching	Wilson P.T., Chahal S., Pumliahmunga, Madesh Kumar M., Ramesh K.	Solid State Communications	2019	
Enhanced photocatalytic degradation of methylene blue dye using CuS–CdS nanocomposite under visible light irradiation	Mahanthappa M., Kottam N., Yellappa S.	Applied Surface Science	2019	
An evidence of pseudo-elasticity in a caliber rolled Ti–6Al–4V alloy and its effect on tension-compression flow asymmetry	Babu S.M.J., Murty S.V.S.N., Prabhu N., Kashyap B.P.	Materials Science and Engineering A	2019	
Mathematical model and heuristic based subtask scheduling algorithm for order scheduling	Suma T., Murugesan R.	AIP Conference Proceedings	2019	
Microstrip patch slot antenna design for WiMAX and WLAN applications	Prahlad, Kandakatla R.A., Prasanna M., Jugale A.A., Ahmed M.R.	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019	
Health record management through blockchain technology	Harshini V.M., Danai S., Usha H.R., Kounte M.R.	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019	
Memristor based chaotic circuit design for secure communication	Jugale A.A., Bhoomika C.M., Anjanakumari B.T., Ahmed M.R.	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019	
Design of low transconductance OTA and its application in active filter design	Rodrigues S.N., Sushma P.S.	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019	
Secured voting through Blockchain technology	Teja K., Shravani M.B., Simha C.Y., Kounte M.R.	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019	
Memristor based relaxation oscillator for biomedical applications	Anjanakumari B.T., Bhoomika C.M., Jugale A.A., Ahmed M.R.	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019	
A survey on data placement strategy in big data heterogeneous environments	Ambore A., Udaya R.V.	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019	
Conforming test of blockchain for 5G enabled IoT	Dinesh B., Kavya B., Sivakumar D., Ahmed M.R.	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019	
Role of climate variables for statistical downscaling of general circulation model outputs to precipitation	Laddimath R.S., Patil N.S., Nataraj M.	Water and Energy International	2019	
Literary narratives as a tool for the conservation of indian cultural landscapes	Jayan N.	International Journal of Innovative Technology and Exploring Engineering	2019	
Impact of attention deficit disorder on academic performance of children	Santosh B.R., Rachana N.	Indian Journal of Public Health Research and Development	2019	



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Influence of Zn <sup>2+</sup> doping on the lattice defects and photoluminescence studies of SrCeO <sub>4</sub> :Eu <sup>3+</sup> nanophosphor: Applications for data encryption strategies	Sudheendra H.S., Darshan G.P., Basavaraj R.B., Naik Y.V., Premakumar H.B., Nagabhushana H., Williams J.F., Hareesh K., Kokila M.K.	Optical Materials	2019	
Enhancement of data transmission using optimized multi-cell approach in 5G backhaul wireless mesh network	Benni N.S., Manvi S.S.	Indonesian Journal of Electrical Engineering and Computer Science	2019	
Monovalent ions co-doped SrTiO <sub>3</sub> :Pr <sup>3+</sup> nanostructures for the visualization of latent fingerprints and can be red component for solid state devices	Yeshodamma S., Sunitha D.V., Basavaraj R.B., Darshan G.P., Prasad B.D., Nagabhushana H.	Journal of Luminescence	2019	
Performance Analysis of 64×64 bit Multiplier Designed Using Urdhva Tiryakbyham and Nikhilam Navatashcaramam Dashatah Sutras	Sai Venkatramana Prasada G.S., Seshikala G., Sampathila N.	2018 IEEE Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2018 - Proceedings	2019	
Potential dependent growth of Cu(OH) <sub>2</sub> nanostructures on Cu and their thermal conversion to mixed-valent copper oxides p-type photoelectrode	Udachyan I., Vishwanath R.S., Pradeepa Kumara C.S., Kandaiah S.	International Journal of Hydrogen Energy	2019	
Q-FRPM: QoS-Centric Fault-Resilient Routing Protocol for Mobile-WSN Based Low Power Lossy Networks	Ganesh D.R., Patil K.K., Suresh L.	Wireless Personal Communications	2019	
Enabling Technologies for Internet of Things It's Security Issues	Simha C.Y., Harshini V.M., Raghuvamsi L.V.S., Kounte M.R.	Proceedings of the 2nd International Conference on Intelligent Computing and Control Systems, ICICCS 2018	2019	
Routing in Internet of Things: Review	Chandrashekhara B.G., Veena K.N.	Proceedings of the 2nd International Conference on Intelligent Computing and Control Systems, ICICCS 2018	2019	
Artificial Neural Network Technique for Statistical Downscaling of Global Climate Model	Laddimath R.S., Patil N.S.	Mapan - Journal of Metrology Society of India	2019	
Zero Watermarking on Audio Based on STFT	Jayarani A.E.A., Bhatt M.R., Geetha D.D.	Proceedings - 2018 International Conference on Computing, Electronics and Communications Engineering, iCCECE 2018	2019	
Hierarchical Clustering and Regression Classification based Review analysis on Movie based Applications	Manjunath D.R., Hadimani B.S.	1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering, ICATIECE 2019	2019	
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Energy efficient perturb and observe maximum power point algorithm with moving average filter for photovoltaic systems	Ballaji A., Divakar B.P., Hediya N., Mandi R.P., Swamy K.N.	International Journal of Renewable Energy Research	2019	
Design and Analysis of Digital Feedback Loop AGC for WiMAX 802.16m Receivers	Bharath H.P., Basarkod P.I., Doni A., Reddy A.K.	2019 International Conference on Data Science and Communication, IconDSC 2019	2019	

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Restoration of characters in degraded inscriptions using phase based binarization and geodesic morphology	Bhat S., Seshikala G.	International Journal of Recent Technology and Engineering	2019	
Study of Maxwell nanofluid flow over a stretching sheet with non-uniform heat source/sink with external magnetic field	Jakati S.V., Raju B.T., Nargund A.L., Sathyanarayana S.B.	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2019	
The TiO <sub>2</sub> -graphene oxide-Hemin ternary hybrid composite material as an efficient heterogeneous catalyst for the degradation of organic contaminants	Munikrishnappa C., Kumar S., Shivakumara S., Mohan Rao G., Munichandraiah N.	Journal of Science: Advanced Materials and Devices	2019	
An efficient human tracking system using Haar-like and hog feature extraction	Prasanna D., Prabhakar M.	Cluster Computing	2019	
Propagation of risk across the phases of software development	Bhujang R.K., Dean S.V.	Proceedings of the International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2018	2019	
Modular multilevel converters technology: A comprehensive study on its topologies, modelling, control and applications	Raju M.N., Sreedevi J., Mandi R.P., Meera K.S.	IET Power Electronics	2019	
Design techniques for low power high gain OTA using miller circuit	Rodrigues S.N., Sushma P.S., Kulkarni S.Y.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2019	2019	
MFZKAP: Multi factor zero knowledge proof authentication for secure service in vehicular cloud computing	Hegde N., Manvi S.S.	2019 2nd International Conference on Advanced Computational and Communication Paradigms, ICACCP 2019	2019	
A Scheme for Feature Selection from Gene Expression Data using Recursive Feature Elimination with Cross Validation and Unsupervised Deep Belief Network Classifier	Koul N., Manvi S.S.	2019 Proceedings of the 3rd International Conference on Computing and Communications Technologies, ICCCT 2019	2019	
Design, implementation and verification of image compression in high speed dwt algorithm for vlsi applications	Deepa M.K., Naik A.S., Priyadarshini R.	International Journal of Engineering and Advanced Technology	2019	
A study on rtv coating: Ageing and reduction of coating length on insulator	Rajini H., Ravi K.N., Vasudev N.	Proceedings of 2019 International Conference on High Voltage Engineering and Technology, ICHVET 2019	2019	
Balanced double layered bipolar fuzzy graph	Rajeshwari M., Murugesan R., Venkatesh K.A.	International Journal of Mechanical Engineering and Technology	2019	
Investigation of the microstructure and wear behaviour of titanium compounds reinforced aluminium metal matrix composites	Mahesh L., Vinyas M., Reddy J.S., Muralidhara B.K.	Materials Research Express	2019	
One-step bacterial assisted synthesis of CdS/rGO nanocomposite as Hydrogen production catalyst	Hareesh K., Dhole S.D., Phase D.M., Williams J.F.	Materials Research Bulletin	2019	

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Facile synthesis of CoFe <sub>2</sub> O <sub>4</sub> nanoparticles and application in removal of malachite green dye	Jinendra U., Kumar J., Nagabhushana B.M., Raghu A.V., Bilehal D.	Green Materials	2019	
Investigating HVAC thermal comfort and energy efficiency in commercial buildings	Kotisuryam M., Sharanappa G.	International Journal of Mechanical and Production Engineering Research and Development	2019	
A Comparative Study of Bio-inspired Algorithms for Medical Image Registration	Sarvamangala D.R., Kulkarni R.V.	Studies in Computational Intelligence	2019	
Cluster based Routing Protocols for IOT Application	George A.M., Kulkarni S.Y.	International Journal of Computer Network and Information Security	2019	
Dry sliding wear behaviour of Al-5Zn-2Mg alloy processed by severe plastic deformation	Manjunath G.K., Udaya Bhat K., Preetham Kumar G.V.	Materials Today: Proceedings	2019	
An experiment investigation on physical and mechanical properties of high strength concrete with suitable admixture	Gayana B.C., Shashanka M., Rao A.N., Ram Chandar K.	Materials Science Forum	2019	
Investigation of machinability characteristics on C45 steel with cryogenically treated M2 HSS tool using statistical technique	Kumar S., Ahmed M.R., Loksha M., Manjunath L.H.	International Journal for Simulation and Multidisciplinary Design Optimization	2019	
Monitoring and recommendations of public transport using GPS data	Gopinath R., Shyam G.K.	Lecture Notes on Data Engineering and Communications Technologies	2019	
Market data analysis by using support vector machine learning technique	Reddy R., Shyam G.K.	Lecture Notes on Data Engineering and Communications Technologies	2019	
Physico-mechanical properties of concrete with industrial waste-A case study	Gayana B.C., Shashanka M., Rao A.N., Ram Chandar K.	World Congress on Civil, Structural, and Environmental Engineering	2019	
Applying Attribute Selection Algorithms in Academic Performance Prediction	Wong M.L., Senthil S.	Lecture Notes on Data Engineering and Communications Technologies	2019	
Image Processing Architecture Using DTCWT Modified Distributed Algorithm for Plant Phenotyping	Yashavantha Kumar T.R., Pinjare S.L., Cyril Prasanna Raj P.	Lecture Notes on Data Engineering and Communications Technologies	2019	
CI-MWSNs: Cross layer model-based QoS centric routing protocol for mission-critical cooperative communication in mobile WSNs	Reddy K.C., Devanagavi G.D., Thippeswamy M.N.	Journal of Telecommunications and Information Technology	2019	
Free vibration characteristics of alkali treated unidirectional long kenaf fiber reinforced epoxy composites at various end conditions	Venkategowda T., Lh M.	International Journal of Mechanical and Production Engineering Research and Development	2019	
Forecasting time series of stock rates using ARIMA	Mohankumari C., Vishukumar M., Chillale N.R.	Journal of Advanced Research in Dynamical and Control Systems	2019	
Energy-aware multi-path transmission of ECG signals for the classification of arrhythmia in wireless sensor network	Bhagyalakshmi V., Pujeri R.V., Devanagavi G.D.	International Journal of Nano and Biomaterials	2019	
A Robust Face Emotion Recognition Approach through Optimized SIFT Features and Adaptive Deep Belief Neural Network	Jayasimha Y., Siva Reddy R.V.	Journal of Applied Security Research	2019	

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Comparative study on performance of cement mortar enhanced with carrot powder	Jayachandra, Sanjith J., Kiran B.M., Chethan G.	International Journal of Advanced Research in Engineering and Technology	2019	
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Zeta converter simulation for continuous current mode operation	Oommen S., Ballaji A., Ankaiah B., Ananda M.H.	International Journal of Advanced Research in Engineering and Technology	2019	
Wavelets based signal processor for naval surveillance radars	Muralidhara N., Biradar R.C., Jayaramaiah G.V.	International Journal of Engineering Research and Technology	2019	
Array-impulse-pair selection assisted STAP model for efficient clutter suppression and jamming resilience in moving sea-target detection	Rajesh B., Udayarani V., Jayaramaiah G.V.	International Journal of Engineering Research and Technology	2019	
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Survey of security approaches in internet of things solution architectures for communication layer	Kalyani G., Chaudhari S.	Journal of Advanced Research in Dynamical and Control Systems	2019	
Polymer/layered silicate nanocomposites as matrix for bioinsecticide formulations	Mishra P., Seenivasan R., Mukherjee A., Chandrasekaran N.	Nano-Biopesticides Today and Future Perspectives	2019	
Corrigendum: "Evaluation of sperm DNA fragmentation using multiple methods: A comparison of their predictive power for male infertility" [Clin Exp Reprod Med, 46, 1 (2019) (14-21)] DOI:10.5653/cerm.2019.46.1.14	Javed A., Talkad M.S., Ramaiah M.K.	Clinical and Experimental Reproductive Medicine	2019	
Systematic-RLNC based secure and QoS centric routing scheme for WSNs	Notom A., Mrinal S., Parag P.	Journal of Telecommunications and Information Technology	2019	
Design Techniques of Super-Wideband Antenna-Existing and Future Prospective	Balani W., Sarvagya M., Ali T., Manohara Pai M.M., Anguera J., Andujar A., Das S.	IEEE Access	2019	
Remote triggered lab for buck converter using lab view	Ansal V., Anum, Remya V.K., Shenoy A., Sampath, Anirudh Kamath M., Sanath, Kini M.	Journal of Critical Reviews	2019	
Experimental determination of viscosity of Water-Glycerine based Cu nano-fluids	Chaitanya Lahari M.L.R., Sessa Talpa Sai P.H.V., Narayanaswamy K.S., HaseenaBee P., Devaraj S., Sharma K.V.	Materials Today: Proceedings	2019	
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ICSI using fresh and frozen PESA-TESA spermatozoa to examine assisted reproductive outcome retrospectively	Javed A., Ramaiah M.K., Srinivasaih Talkad M.	Obstetrics and Gynecology Science	2019	
Effects of non-uniform temperature gradients on triple diffusive surface tension driven magneto convection in a composite layer	Manjunatha N., Sumithra R.	Universal Journal of Mechanical Engineering	2019	

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On the neighborhood alliance sets in a graph	Sooryanarayana B., Sequeira S.L., Vishu Kumar M.	Journal of Advanced Research in Dynamical and Control Systems	2019	
Design of rhenium compounds in targeted anticancer therapeutics	Collery P., Desmaele D., Vijaykumar V.	Current Pharmaceutical Design	2019	
Efficient Sensory Data Transformation: A Big Data Approach	Pasha A., Latha P.H.	Advances in Intelligent Systems and Computing	2019	
A comprehensive modelling, analysis and optimisation of adhesive bonded single lap glass fibre reinforced composite joints	Rangaswamy H., Sogalad I., Basavarajappa S., Chandrashekarappa M.P.G.	International Journal of Materials Engineering Innovation	2019	
Detecting spammers on social network through clustering technique	Jose T., Babu S.S.	Journal of Ambient Intelligence and Humanized Computing	2019	
An experimental investigation on properties of concrete by partial replacement of cement with dolomite and sand with crushed sea shell	Sai Nagendra C.V., Rama Prasad C.V.S., Rukmini Florence K.N.	International Journal of Scientific and Technology Research	2019	
Power efficiency enhancement using hybrid techniques for OFDM	Rashmi N., Sarvagya M.	International Journal on Emerging Technologies	2019	
IOT based automation system for distribution substation and power theft control	Divyaraj G.N., Aruna T.M., Satyanarayana M.S., Asha K.	Journal of Advanced Research in Dynamical and Control Systems	2019	
Impact of internal branding on employees' job satisfaction, brand commitment and brand citizenship behaviour	Kolla N., Vara Prasad R., Geetha Devi K.V.	International Journal on Emerging Technologies	2019	
Achieving cloud security solutions through machine and non-machine learning techniques: A survey	Shyam G.K., Doddi S.	Journal of Engineering Science and Technology Review	2019	
Virtual machine scheduling strategies in cloud computing- A review	Supreeth S., Patil K.K.	International Journal on Emerging Technologies	2019	
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Ultra low power active high pass Gm-C filter for low frequency applications	Sushma P.S., Kulkarni S.Y., Rodrigues S.N.	Journal of Advanced Research in Dynamical and Control Systems	2019	
A robust face emotion recognition approach through optimized SIFT features and adaptive deep belief neural network	Jayasimha Y., Venkata Siva Reddy R.	Intelligent Decision Technologies	2019	
An effective ensemble-based machine learning classifier for ASD with feature selection	Vijayalakshmi K., Vinayakamurthy M., Anuradha, Saiprasad	Journal of Advanced Research in Dynamical and Control Systems	2019	
An IoT based cleaning scheme for photovoltaic installations	Bhushith M.K., Ashwini Kumari P., Shradha S., Tejasvini C.	Journal of Advanced Research in Dynamical and Control Systems	2019	

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A novel optimization approach for solving optimal load shedding problem considering different voltage stability indices	Raghu C.N., Manjunatha A., Raghavendra A.	International Journal of Scientific and Technology Research	2019	
Power management strategy for hybrid energy storage system in hybrid electric vehicles	Komarappa N.B., LakshmiKantha B.R.	International Journal of Intelligent Engineering and Systems	2019	
Boosting using ensemble for improving the accuracy of E-mail spam classification	Parande P.V., Banga M.K.	Journal of Advanced Research in Dynamical and Control Systems	2019	
A circular patch antenna loaded with three complementary ring slots (Crs) for uwb applications	Chandra R.B.J., Khan I., Devanagavi G.D., Sudhindra K.R., Ali T.	Journal of Advanced Research in Dynamical and Control Systems	2019	
A novel key management protocol for vehicular cloud security	Hegde N., Manvi S.S.	Telkonnika (Telecommunication Computing Electronics and Control)	2019	
Sentiment analysis on video using 3D-CNN and bidirectional LSTM	Angadi S., Siva Reddy R.V.	Journal of Advanced Research in Dynamical and Control Systems	2019	
Solution combustion synthesis of porous $\beta$ -BaSO <sub>4</sub> nanopowder using benzenesulfonyl methylimidazolium chloride as fuel and sulfonating agent	Jagannath K.V., Kusuma M.	Materials Research Express	2019	
A compact two element MIMO antenna with improved isolation for wireless applications	Aw M.S., Ashwath K., Rp, Ali T.	Journal of Instrumentation	2019	
Prediction of lung cancer using blue whale optimizer algorithm with neural network classifier	Senthil S., Ayshwarya B.	Journal of Advanced Research in Dynamical and Control Systems	2019	
Achieving a balanced optimisation between network lifetime and data delivery latency in multihop wireless sensor networks	Babu R., Shenoy U.K.K., Patil K.K.	International Journal of Autonomous and Adaptive Communications Systems	2019	
A Hybrid Photovoltaic-Fuel Cell for Grid Integration with Jaya-Based Maximum Power Point Tracking: Experimental Performance Evaluation	Padmanaban S., Priyadarshi N., Bhaskar M.S., Holm-Nielsen J.B., Hossain E., Azam F.	IEEE Access	2019	
Audio watermarking based on compressive sensing	Electa Alice Jayarani A., Bhatt M.R., Geetha D.D.	Journal of Advanced Research in Dynamical and Control Systems	2019	
Video enhancement technique based on horn schunck optical flow estimation and laplacian pyramid segmentation	Padma Reddy A.M., Udaya Rani V.	Journal of Advanced Research in Dynamical and Control Systems	2019	
Prediction of lung cancer using blue whale optimizer algorithm with neural network classifier	Senthil S., Ayshwarya B.	Journal of Advanced Research in Dynamical and Control Systems	2019	
OFDM receiver design using adaptive modulation and channel estimation based on kalman filter variations for underwater acoustic communication	Ravi Kumar M.G., Sarvagya M.	International Journal of Engineering and Advanced Technology	2019	

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QoS oriented and energy efficient routing protocol for cooperative MIMO based mobile WSN: Q-E2RPC	Reddy K.C., Devanagavi G.D., Thippeswamy M.N.	Journal of Engineering Science and Technology Review	2019	
Fuzzy inference system based 3D geographic routing in wireless sensor networks	Shivappa N., Manvi S.S.	IET Wireless Sensor Systems	2019	
Anodic fabrication of nanostructured Cu:XS and CuNiSx thin films and their hydrogen evolution activities in acidic electrolytes	Udachyan I., Vishwanath R.S., Pradeep Kumara C.S., Kandaiah S.	New Journal of Chemistry	2019	
Better erosion resistance of HVOF sprayed CrC-NiCrFeSiBCoC (35%-65%) and CrC-NiCrFeSiBCoC(80%-20%) coatings	Navinesh B.C., Somundaram B., Jegadeeswaran N., Mamatha M.P.	International Journal of Mechanical and Production Engineering Research and Development	2019	
Intelligent Phase-Locked Loops for Automotive Applications	Gowda M.B., Biradar R.C., Kotgire M.K.	Lecture Notes in Electrical Engineering	2019	
Application potential of Fuzzy and regression in optimization of MRR and surface roughness during machining of C45 steel	Madival S., Ahmed M.R., Halappa M.L., Marulaiah L.	Periodica Polytechnica Mechanical Engineering	2019	
Identification of essential proteins in yeast using mean weighted average and recursive feature elimination	Sekhar S.R.M., Matt S.G., Manvi S.S., Gopalalyengar S.K.	Recent Patents on Computer Science	2019	
Probabilistic principal component analysis-based dimensionality reduction and optimization for arrhythmia classification using ECG signals	Vishwanath B., Pujeri R.V., Devanagavi G.	Bio-Algorithms and Med-Systems	2019	
Evaluation of sperm DNA fragmentation using multiple methods: A comparison of their predictive power for male infertility	Javed A., Talkad M.S., Ramaiah M.K.	Clinical and Experimental Reproductive Medicine	2019	
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Analysis of daily stock trend prediction using ARIMA model	Mohankumari C., Vishukumar M., Chillale N.R.	International Journal of Mechanical Engineering and Technology	2019	
A novel modified sine-cosine optimized MPPT algorithm for grid integrated PV system under real operating conditions	Padmanaban S., Priyadarshi N., Holm-Nielsen J.B., Sagar Bhaskar M., Azam F., Sharma A.K., Hossain E.	IEEE Access	2019	
Erosion rate of HVOF sprayed CRC-NiCrFeSiBcOc (80%-20%) coatings of comparison with substrate metal SS-316	Navinesh B.C., Somasundar B., Mamatha M.P.	International Journal of Mechanical Engineering and Technology	2019	

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Effect of process parameters on wear behavior and water absorption of UHMWPE fabric reinforced epoxy composites	RajendraPrasad P., Prakash J.N., Manjunath L.H.	International Journal of Mechanical Engineering and Technology	2019	
Investigation of machinability characteristics on C45 steel alloy while turning with untreated and cryotreated M2 HSS cutting tools	Santosh, Ahmed M.R., Lokesha M., Manjunath L.H.	ARPN Journal of Engineering and Applied Sciences	2019	
On the metro domination number of cartesian product of Pm-Pn and Cm-Cn	Basavaraju G.C., Vishukumar M., Raghunath P.	Journal of Engineering and Applied Sciences	2019	
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Nature-inspired synthesis of ZrO <sub>2</sub> :Dy <sup>3+</sup> viable for WLED applications	Prakashbabu D.	Applied Physics A: Materials Science and Processing	2019	
Survey on sentiment analysis from affective multimodal content	Angadi S., Venkata Siva Reddy R.	Smart Innovation, Systems and Technologies	2019	
X-ray photoelectron spectroscopy and optical analysis of pure white light emitting Dy <sup>3+</sup> and Mn <sup>2+</sup> codoped Na <sub>3</sub> Y(PO <sub>4</sub> ) <sub>2</sub> phosphors for solid-state lighting	Munirathnam K., Nagajyothi P.C., Prakashbabu D., Deva Prasad Raju B., Shim J.	Ceramics International	2019	
Analysis of student engagement and course completion in massive open online courses	Suresh Kumar S., Mallikarjuna Shastry P.M.	Studies in Computational Intelligence	2019	
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Graph Based Method for Lathe Machining Part Model	Zubair A.F., Nazir B., Hemdi A.R., Yusoff H., Ismail H., Othman M., Kataraki P.S., Panjaitan N., Ishak A.	IOP Conference Series: Materials Science and Engineering	2020	
Dendritic Ferroselite (FeSe <sub>2</sub> ) with 2D Carbon-Based Nanosheets of rGO and g-C <sub>3</sub> N <sub>4</sub> as Efficient Catalysts for Electrochemical Hydrogen Evolution	Shwetharani R., Kapse S., Thapa R., Nagaraju D.H., Balakrishna R.G.	ACS Applied Energy Materials	2020	
Social bat Optimisation dependent deep stacked auto-encoder for skin cancer detection	Majji R., Prakash P.G.O., Cristin R., Parthasarathy G.	IET Image Processing	2020	



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Synthesis, characterization, crystal structure and anticancer activity of tetrahydro-quinolines using silica iodide as a heterogeneous catalyst	Ramesh K.B., Omkaramurthy B.M., Srinivas M.	Journal of Molecular Structure	2020	
Comparative Study of Selector Device Design for Sneak Current in 3D Crosspoint ReRAM	Dilna U., Prasad S.N.	MPCIT 2020 - Proceedings: IEEE 3rd International Conference on "Multimedia Processing, Communication and Information Technology"	2020	
Design and Implementation of Smart Gloves for the Specially Privileged	Anisha R., Nair A.S., Shreya A., Tharun C., Neethu K.N.	Proceedings of 2020 3rd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2020	2020	
Taylor Rate-Distortion trade-off and Adaptive block search for HEVC Encoding	Anitha Kumari R.D., Udupa N.	Proceedings of 2020 3rd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2020	2020	
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Investigations and Compression of Genomic Data	Gudodagi R., Venkata Siva Reddy R., Riyaz Ahmed M.	Proceedings of 2020 3rd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2020	2020	
A Study of the Evolution of Video Codec and its Future Research Direction	Anitha Kumari R.D., Udupa N.	Proceedings of 2020 3rd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2020	2020	
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A Compact Quad Band Frequency Reconfigurable Antenna for 5G and Satellite Applications	Subhash B.K., Jyosthna R., Akshay Sunny R., Sunil D.M., Biradar R.C., Ali T.	Proceedings of 2020 3rd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2020	2020	

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Ensemble Feature Selection from Cancer Gene Expression Data using Mutual Information and Recursive Feature Elimination	Koul N., Manvi S.S.	Proceedings of 2020 3rd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2020	2020	
A Secure Steganography Model Using Random-Bit Select Algorithm	Gahan A.V., Devanagavi G.D.	Proceedings of 2020 3rd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2020	2020	
Classifying the risk of relapse in multiple myeloma	Koul N., Manvi S.S.	Proceedings of 2020 IEEE International Conference on Technology, Engineering, Management for Societal Impact Using Marketing, Entrepreneurship and Talent, TEMSMET 2020	2020	
A comprehensive survey of classification algorithms for formulating crop yield prediction using data mining techniques	Chandana C., Parthasarathy G.	Proceedings of 2020 IEEE International Conference on Technology, Engineering, Management for Societal Impact Using Marketing, Entrepreneurship and Talent, TEMSMET 2020	2020	
Centrality measure analysis on protein interaction networks	Ali A., Hulipalled V.R., Patil S.S.	Proceedings of 2020 IEEE International Conference on Technology, Engineering, Management for Societal Impact Using Marketing, Entrepreneurship and Talent, TEMSMET 2020	2020	
A robust routing strategy for congestion resilient communication through augmented network-aware and multi-parameter assistance for optimal routing decision in zone routing protocol	Suhaas K.P., Senthil S.	Proceedings of 2020 IEEE International Conference on Technology, Engineering, Management for Societal Impact Using Marketing, Entrepreneurship and Talent, TEMSMET 2020	2020	
An efficient framework for classifying the Clothing items based on fashion and fabric of the images	Nandyal S., Tengli N.S.	Proceedings of 2020 IEEE International Conference on Technology, Engineering, Management for Societal Impact Using Marketing, Entrepreneurship and Talent, TEMSMET 2020	2020	
A compact safety system for women security using IoT	Panda P.K., Mehtre B., Sunil D.M., Devanathan M., Subhash B.K., Panda S.K.	Proceedings of 2020 IEEE International Conference on Technology, Engineering, Management for Societal Impact Using Marketing, Entrepreneurship and Talent, TEMSMET 2020	2020	
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Prediction of Protein Secondary Structure from Amino Acid Sequences by Integrating Fuzzy, Random Forest and Feature Vector Methodologies	Sekhar S.R.M., Matt S.G., Manvi S.S.	Jordan Journal of Biological Sciences	2020	

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Power saving and optimal hybrid precoding in millimeter wave massive MIMO systems for 5G	Nalband A.H., Sarvagya M., Ahmed M.R.	Telkomnika (Telecommunication Computing Electronics and Control)	2020	
Outer sum labeling of a graph	Sooryanarayana B., Manjula K., Vishu K.M.	International Journal of Combinatorial Graph Theory and Applications	2020	
Optimized neural network model for attack detection in LTE network	Jyothi K.K., Chaudhari S.	Computers and Electrical Engineering	2020	
Land surface temperature estimation of mandya district using LANDSAT-8 data	Aryalekshmi B.N., Ahamed M.J., Biradar R.C., Chandrasekar K.	Journal of Applied Science and Engineering	2020	
Synthesis and electrical properties of polyaniline–cerium oxide composites	Ashwini I.S., Pattar J., Anjaneyulu P., Babu D.P., Sreekanth R., Manohara S.R., Nagaraja M.	Synthetic Metals	2020	
Synthesis of Citrus Limon mediated SnO <sub>2</sub> -WO <sub>3</sub> nanocomposite: Applications to photocatalytic activity and electrochemical sensor	Manjunatha A.S., Pavithra N.S., Shivanna M., Nagaraju G., Ravikumar C.R.	Journal of Environmental Chemical Engineering	2020	
Influence of electron beam irradiation on structural, thermo and photoluminescence properties of SrTiO <sub>3</sub> :Sm <sup>3+</sup> nanophosphor	Yeshodamma S., Hareesh K., Nagabhushana H., Dwivedi J., Petwal V.C., Sunitha D.V.	Optik	2020	
A review on Graphitic Carbon Nitride based binary nanocomposites as supercapacitors	Ashritha M.G., Hareesh K.	Journal of Energy Storage	2020	
Degradation and detoxification of leather tannery effluent by a newly developed bacterial consortium GS-TE1310 for environmental safety	Saxena G., Purchase D., Mulla S.I., Bharagava R.N.	Journal of Water Process Engineering	2020	
Polyhydroxyalkanoate synthesis by bacteria isolated from landfill and ETP with pomegranate peels as carbon source	Rayasam V., Chavan P., Kumar T.	Archives of Microbiology	2020	
Molecular docking, PKPD, and assessment of toxicity of few chalcone analogues as EGFR inhibitor in search of anticancer agents	Reddy P.B., Reddy M.B.M., Reddy R., Chhajed S., Gupta P.P.	Structural Chemistry	2020	
Molecular Modelling and Insilico Engineering of PapMV-CP Towards Display and Development of Capripox Viral Like Particles Based on Immunogenic P32 Envelop Protein is the Homologous of the Vaccinia-Viral H3L Gene: An Insilico Approach	Kumar B.K., Kumar K.M., Reddy G.B.M., Abraham S., Yogisharadhya R., Prashantha C.N.	International Journal of Peptide Research and Therapeutics	2020	
Numerical investigation on magnetohydrodynamics flow of Casson fluid over a deformable porous layer with slip conditions	Krishna Murthy M.	Indian Journal of Physics	2020	

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Combustion, performance, and emission characteristics of dairy-washed milk scum biodiesel in a dual cylinder compression ignition engine	Srikanth H.V., Venkatesh J., Godiganur S., Manne B., Bharath Kumar S., Spurthy S.	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2020	
Comparison of tree based classifications and neural network based classification	Sarada B., Dandu M., Tarun S.K.	Proceedings - 2020 21st International Arab Conference on Information Technology, ACIT 2020	2020	
Optimal DBN-based distributed attack detection model for Internet of Things	Ramesh Babu M., Veena K.N.	International Journal of Communication Systems	2020	
Nephro-protective activity of wheatgrass juice against alcohol-induced oxidative damage in rats	Hebbani A.V., Bulle S., Kanu V.R., Balachandrababu Malini A., Reddy V.D., Chakravarthula V.N.	Toxicology Mechanisms and Methods	2020	
Semi fragile audio crypto-watermarking based on sparse sampling with partially decomposed haar matrix structure	Appadurai E.A.J., Bhatt M.R., Geetha D.D.	Acta Cybernetica	2020	
An Overview on Graphene-Metal Oxide Semiconductor Nanocomposite: A Promising Platform for Visible Light Photocatalytic Activity for the Treatment of Various Pollutants in Aqueous Medium	Mandal S., Mallapur S., Reddy M., Singh J.K., Lee D.-E., Park T.	Molecules (Basel, Switzerland)	2020	
The Importance of Understanding the Anti-Corruption Legislation to Promote Corruption Reporting: Lessons from Mauritius	Jaunky V.C., Jeetoo J., Bajah C., Ramesh V.	International Journal of Public Administration	2020	
Role of heat treatment on the structural and luminescence properties of Yb <sup>3+</sup> /Ln <sup>3+</sup> (Ln = Tm, Ho and Er) co-doped LaF <sub>3</sub> nanoparticles	Poma P.Y., Sales T.O., Kumar K.U., Jacinto C.	Physical Chemistry Chemical Physics	2020	
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Quantum Algorithms for Machine Learning and Optimization	Sangeetha P., Kumari P.	2020 2nd PhD Colloquium on Ethically Driven Innovation and Technology for Society, PhD EDITS 2020	2020	
Internet of Things: A Survey on Devices, Ecosystem, Components and Communication Protocols	Naveena Pai G., Swathi Pai M., Dankan Gowd V., Shruthi M., Kumar N.B.	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	2020	
Homogeneous selection drives antibiotic resistome in two adjacent sub-watersheds, China	Hu A., Wang H., Li J., Mulla S.I., Qiu Q., Tang L., Rashid A., Wu Y., Sun Q., Yu C.-P.	Journal of Hazardous Materials	2020	
Non-Darcian-Benard-magneto-surface tension driven convection in an infinite horizontal composite layer in the presence of heat source/sink and non-uniform temperature gradients	Sumithra R., Manjunatha N., Komala B.	Malaysian Journal of Fundamental and Applied Sciences	2020	
Influence of temperature on friction and wear behavior of aps sprayed nicrbsi/flyash and nicrbsi/flyash/tio <sub>2</sub> coatings	Nagabhushana N., Rajanna S., Ramesh M.R., Pushpa N.	Journal of Green Engineering	2020	

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Modified relief algorithm and long short-term memory network for content based medical information retrieval	Lakshmana, Manvi S.S.K.S., Karibasappa K.G.	Journal of Green Engineering	2020	
Synthesis and optimization of Dy-doped SrZr <sub>4</sub> (PO <sub>4</sub> ) <sub>6</sub> nanophosphors for plant growth light-emitting diodes	Munirathnam K., Rajavaram R., Nagajyothi P.C., Thiyagaraj S., Srinivas M.	Solid State Sciences	2020	
Technology in Indian agriculture – A review	Upendra R.S., Umesh I.M., Ravi Varma R.B., Basavaprasad B.	Indonesian Journal of Electrical Engineering and Computer Science	2020	
Structural and functional characterization of bacterial cellulose from Enterobacter hormaechei subsp. steigerwaltii strain ZKE7	Bagewadi Z.K., Dsouza V., Mulla S.I., Deshpande S.H., Muddapur U.M., Yaranguppi D.A., Reddy V.D., Bhavikatti J.S., More S.S.	Cellulose	2020	
Internet of things augmented a novel PSO-employed modified zeta converter-based photovoltaic maximum power tracking system: Hardware realisation	Priyadarshi N., Padmanaban S., Holm-Nielsen J.B., Bhaskar M.S., Azam F.	IET Power Electronics	2020	
New CUK-SEPIC converter based photovoltaic power system with hybrid GSA-PSO algorithm employing MPPT for water pumping applications	Priyadarshi N., Bhaskar M.S., Padmanaban S., Blaabjerg F., Azam F.	IET Power Electronics	2020	
Portable Intensive Care Unit Equipment Using IoT	Rakesh Kumar S.M., Srikanth K.V., Kumar S., Vaibhav K., Madan H.T.	IOP Conference Series: Materials Science and Engineering	2020	
Artificial intelligent robot for enforcement surveillance (AIRES)	Kulkarni P., Meenakshi Sundaram A.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
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Study of evolutionary techniques in the field of network security	Yerriswamy T., Murtugudde G.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Weather parameter and pollution level extraction using iot for various traffic nodal points with solar charging	Panda P.K., Ballaji A., Oommen S., Bharat M.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
A hybrid recommender system using multiclassifier regression model for autism detection	Vijayalakshmi K., Vinayakamurthy M., Anuradha	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Bio-signal analysis for stressdetection using machine learning methods: A review	Sohara Banu A.R., Nagaveni V.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
RiCoBiT - A topology for the future multi core processor: A concept analysis and review of literature	Abishek Satish J., Taqhi H., Mishra H., Chetana Reddy P., Sanju V.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	

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Deep Learning Approach in Intra -Prediction of High Efficiency Video Coding	Joy H.K., Kounte M.R., Joy A.K.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
An intelligent web app chatbot	Banu S., Patil S.D.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
A study on agriculture commodities price prediction and forecasting	Hegde G., Hulipalled V.R., Simha J.B.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Message from the Desk of the Chancellor	Raju P.S.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
A framework for sentiment analysis in customer product reviews using machine learning	Rekha K.B., Chandra Gowda N.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Message from the Dean R & i Council	Divakar B.P.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Design of FCSE-GAN for dissection of brain tumour in MRI	Thirumagal E., Saruladha K.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Edge Data Security for RFID-based Devices	Ambareen J., Prabhakar M., Ara T.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Continuous compliance model for hybrid multi-cloud through self-service orchestrator	Rompicharla R., Bhaskar Reddy P.V.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
The BMI and mental illness nexus: A machine learning approach	Reya Pillai R., Saravanan S., Krishna Shyam G.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Message from the Desk of the Vice-Chancellor	Babu K.M.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Profiling of social network users using proximity measures	Rashmi C., Kodabagi M.M.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Efficient data preprocessing approach for imbalanced data in email classification system	Aruna Kumara B., Kodabagi M.M.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	

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Message from the Dean-Planning & Development	Bhagavanulu D.V.S.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
SAEKCS: Sentiment analysis for english - Kannada code switchtext using deep learning techniques	Chundi R., Hulipalled V.R., Simha J.B.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Message from the Registrar	Dhanamjaya M.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Kannada grammar checker using LSTM neural network	Caryappa B.C., Hulipalled V.R., Simha J.B.	Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2020	2020	
Fabrication and bonding behavior of phenalkamine resin based hybridized silver nano bio-composite laminates with less epoxy content	Akash S., Ramachandra M., Kumar L.R., Avinash S.	AIP Conference Proceedings	2020	
Evaluation and characterization of phenalkamine resin based bio-composite laminates with silver nano particles as reinforcing material	Akash S., Ramachandra M., Kumar L.R., Avinash S.	AIP Conference Proceedings	2020	
Synthesis and luminescence properties of Ce <sup>3+</sup> doped CaSiO <sub>3</sub> nanophosphor	Dhanu R., Kumar M.M., Prakashbabu D.	AIP Conference Proceedings	2020	
Fuel properties of B100 and blends of Terminalia belerica (Roxb.) oil biodiesel synthesised using SrO as a basic heterogeneous catalyst	Sreekanth R., Joshi S.S., Reddy R.P.	Biofuels	2020	
Bi-Directional Power Flow in Solar PV to Maintain the Load Power Constant Using PSCAD	Bharathi V., Chilukuri M.V., Arunachalam M.	Proceedings - 2020 IEEE India Council International Subsections Conference, INDISCON 2020	2020	
Power management strategy for plug in hybrid electric vehicles using artificial intelligence techniques	Nagesh B.K., Lakshmikantha B.R.	Journal of Green Engineering	2020	
An estimation of quantity of water during rainy season due to improper construction of pavements-a case study	Bhagavanulu D.V.S., Balamurugan R.	Journal of Green Engineering	2020	
Anti-tumor effects of Artemisia nilagirica extract on MDA-MB-231 breast cancer cells: deciphering the biochemical and biomechanical properties via TGF- $\beta$ upregulation	Raju S.R., Balakrishnan S., Kollimada S., Chandrashekara K.N., Jampani A.	Heliyon	2020	
Delay aware routing protocol using optimized AODV with BBO for MPLSMANET	Jayaramu A.B., Banga M.K.	International Journal of Intelligent Engineering and Systems	2020	
Enhanced photocatalytic activity of N, P, co-doped carbon quantum dots: An insight from experimental and computational approach	Yashwanth H.J., Rondiya S.R., Dzade N.Y., Dhole S.D., Phase D.M., Hareesh K.	Vacuum	2020	

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Comparative node selection-based localization technique for wireless sensor networks: A bilateration approach	Tabassum N., Devanagavi G.D., Biradar R.C., Lazarescu M.T.	International Journal of Communication Systems	2020	
Is Psychological Contract Relevant in the Healthcare Sector?	Ghosh N., Tabassum F.	Encyclopedia of Organizational Knowledge, Administration, and Technology	2020	
Cloud-based framework to mitigate the impact of COVID-19 on seafarers' mental health	Mittal M., Battineni G., Goyal L.M., Chhetri B., Oberoi S.V., Chintalapudi N., Amenta F.	International Maritime Health	2020	
A Study on Ontology Based Semantic Information Classification for Epileptic Seizure Using Optimal Fuzzy System	Thanuja K., Patil K.	Proceedings - International Conference on Smart Electronics and Communication, ICOSEC 2020	2020	
A Hybrid Photovoltaic-Fuel Cell-Based Single-Stage Grid Integration with Lyapunov Control Scheme	Priyadarshi N., Padmanaban S., Bhaskar M.S., Blaabjerg F., Holm-Nielsen J.B., Azam F., Sharma A.K.	IEEE Systems Journal	2020	
Characterization and Evaluation of Joint Properties of FSWed AA6061/SiC/FA Hybrid AMCs Using Different Tool Pin Profiles	Sachinkumar, Narendranath S., Chakradhar D.	Transactions of the Indian Institute of Metals	2020	
A novel piracy protection scheme for videos using force-induced pixels	Bhadra J., Murthy M.V., Banga M.K.	Multimedia Tools and Applications	2020	
Photoluminescence of mixed phase CaSiO <sub>3</sub> :Ce <sup>3+</sup> nanophosphors	R. D., Prakashbabu D., P. B., Madesh Kumar M., Ponkumar S., Hari Krishna R., Mani Rahulan K.	Optik	2020	
Effect of Mg-substitution in Co-Ni-Ferrites: Cation distribution and magnetic properties	Bhandare S.V., Kumar R., Anupama A.V., Mishra M., Kumar R.V., Jali V.M., Sahoo B.	Materials Chemistry and Physics	2020	
TLSA: A two level scheduling algorithm for multiple packets arrival in TSCH networks	Asuti M.G., Basarkod P.I.	KSII Transactions on Internet and Information Systems	2020	
Investigation of photocatalytic degradation of reactive textile dyes by Portulaca oleracea-functionalized silver nanocomposites and exploration of their antibacterial and antidiabetic potentials	Saratale G.D., Saratale R.G., Cho S.-K., Ghodake G., Bharagava R.N., Park Y., Mulla S.I., Kim D.-S., Kadam A., Nair S., Shin H.-S.	Journal of Alloys and Compounds	2020	
HRD indicators and branding practices: a viewpoint on the employer brand building process	Itam U., Misra S., Anjum H.	European Journal of Training and Development	2020	
The least monopoly energy of fuzzy graph	Rajeshwari M., Murugesan R., Venkatesh K.A.	Journal of Physics: Conference Series	2020	
A Novel Group-Based Authentication and Key Agreement Protocol for IoT Enabled LTE/LTE-A Network	Adhikari M., Panda P.K., Chattopadhyay S., Majumdar S.	2020 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2020	2020	
Effects of heat source/sink on darcian-benard-surface tension driven magnetoconvection in a composite layer subjected to non-uniform temperature gradients	Sumithra R., Manjunatha N.	JP Journal of Heat and Mass Transfer	2020	



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Comparative genomics of rice false smut fungi <i>Ustilagoidea virens</i> Uv-Gvt strain from India reveals genetic diversity and phylogenetic divergence	Pramesh D., Prasannakumar M.K., Muniraju K.M., Mahesh H.B., Pushpa H.D., Manjunatha C., Saddamhusen A., Chidanandappa E., Yadav M.K., Kumara M.K., Sharanabasav H., Rohith B.S., Banerjee G., Das A.J.	3 Biotech	2020	
Development of ultrasound aided chemical pretreatment methods to enrich saccharification of wheat waste biomass for polyhydroxybutyrate production and its characterization	Saratale G.D., Saratale R.G., Varjani S., Cho S.-K., Ghodake G.S., Kadam A., Mulla S.I., Bharagava R.N., Kim D.-S., Shin H.S.	Industrial Crops and Products	2020	
Mechanistic insights into the sol-gel synthesis of complex (quaternary) Co-Mn-Zn-spinel ferrites: An annealing dependent study	Bhandare S.V., Kumar R., Anupama A.V., Choudhary H.K., Jali V.M., Sahoo B.	Ceramics International	2020	
Response surface methodology-based optimization of biosurfactant production from isolated <i>Bacillus aryabhatai</i> strain ZDY2	Yaraguppi D.A., Bagewadi Z.K., Muddapur U.M., Mulla S.I.	Journal of Petroleum Exploration and Production Technology	2020	
Anomalous current-voltage and impedance behaviour in doped Poly 3-methylthiophene devices	Anjaneyulu P., Varade V., Sangeeth C.S.S., Menon R.	Journal of Physics D: Applied Physics	2020	
Hydrometallurgical process for the recovery of yttrium from spent fluorescent lamp: Leaching and crystallization experiments	Saratale R.G., Kim H.-Y., Park Y., Shin H.S., Ghodake G., Bharagava R.N., Mulla S.I., Kim D.-S., Saratale G.D.	Journal of Cleaner Production	2020	
Anti-biofilm efficiency of 120 MeV Fe <sup>+9</sup> SHI-irradiated polyimide film	Joshi R.P., Hareesh K., Bhadane M.S., Bankar A.V., Asokan K., Dahiwale S.S., Bhoraskar V.N., Dhole S.D.	Radiation Effects and Defects in Solids	2020	
Synthesis and characterization of nano graphene and ZrO <sub>2</sub> reinforced Al 6061 metal matrix composites	Boppana S.B., Dayanand S., Anil Kumar M.R., Kumar V., Aravinda T.	Journal of Materials Research and Technology	2020	
Routing Protocol Based on Bacterial Foraging Optimization and Type-2 Fuzzy Logic for Wireless Sensor Networks	Alla V.K., Mallikarjuna M.	2020 11th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2020	2020	
Open-source essential protein prediction model by integrating chi-square and support vector machine	Sekhar S.R.M., Siddesh G.M., Manvi S.S.	International Journal of Open Source Software and Processes	2020	
Design of Area Optimized Arithmetic and Logical Unit for Microcontroller	Purohit A.A., Ahmed M.R., Reddy R.V.S.	Proceedings of 2nd International Conference on VLSI Device, Circuit and System, VLSI DCS 2020	2020	
Microstrip Patch Antenna Design for Space Applications	Jyosthna R., Sunny R.A., Jugale A.A., Ahmed M.R.	Proceedings of the 2020 IEEE International Conference on Communication and Signal Processing, ICCSP 2020	2020	
A Perturbation based Algorithm for Inference of Gene Regulatory Networks for Multiple Myeloma	Koul N., Manvi S.S.	Proceedings of the International Conference on Electronics and Sustainable Communication Systems, ICESC 2020	2020	
Impact of Lorentz Force and Viscous Dissipation on Unsteady Nanofluid Convection Flow over an Exponentially Moving Vertical Plate	Sravan Kumar T., Dinesh P.A., Makinde O.D.	Mathematical Models and Computer Simulations	2020	

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Novel fabrication of fixed suspended silicon nitride structure for MEMS devices with dry etching	Subhani K.N., Khandare S., Biradar R.C., Bhat K.N.	IOP Conference Series: Materials Science and Engineering	2020	
Strain sensing capabilities of Ag-sandwiched ITO as transparent thin film resistor	Bhat S.P., Bharathi S.H., Nayak M.M.	IOP Conference Series: Materials Science and Engineering	2020	
Effect of Strontium dinitrate on structural and electrical properties of polyaniline	Ashwini I.S., Sreekanth R., Aravinda T., Pattar J.	AIP Conference Proceedings	2020	
Influence of different natural dyes as sensitizers on the performance of DSSCs	Devi S.B., Babu D.P., Kumar S.N., Bindu P.K.	AIP Conference Proceedings	2020	
Microwave assisted synthesis of dye sensitized solar cells	Devi S.B., Babu D.P., Kumar S.N.	AIP Conference Proceedings	2020	
Structure and magnetic properties of Ni substituted Co-Mg nanocrystal line ferrites synthesized by sol-gel auto-combustion method	Bhandare S.V., Choudhary H.K., Anupama A.V., Kumar R.V., Kumar R., Jali V.M., Sahoo B.	AIP Conference Proceedings	2020	
Sustainable approaches for urban water management for restoration of rivers in india	Pusalkar V., Swamy V., Shivapur A.	Water and Energy International	2020	
Experimental analysis and prediction of strength of adhesive-bonded single-lap composite joints: Taguchi and artificial neural network approaches	Rangaswamy H., Sogalad I., Basavarajappa S., Acharya S., Manjunath Patel G.C.	SN Applied Sciences	2020	
Analysis of Intelligent Machines using Deep learning and Natural Language Processing	Kounte M.R., Tripathy P.K., Pramod P., Bajpai H.	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020	2020	
A Review of RPL Protocol Using Contiki Operating System	Simha S.N.V., Mathew R., Sahoo S., Biradar R.C.	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020	2020	
RFID Characteristics and Its role in 5G Communication	Pawan T.C., Shivaraj H.S., Kounte M.R.	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020	2020	
Crystallography, in silico studies, and in vitro antifungal studies of 2,4,5 trisubstituted 1,2,3-triazole analogues	Venugopala K.N., Khedr M.A., Girish Y.R., Bhandary S., Chopra D., Morsy M.A., Aldhubiab B.E., Deb P.K., Attimarad M., Nair A.B., Sreeharsha N., Rashmi V., Kandeel M., Akrawi S.H., Madhusudana Reddy M.B., Shashikanth S., Alwassil O.I., Mohanlall V.	Antibiotics	2020	
Partial purification, characterization and investigation of inhibitory effects of organic compounds on cinnamomum verum polyphenoloxidase enzymes	Laad S., Premakshi H.G., Mirjankar M., Mulla S., Pujari N., Kamanavalli C.	Applied Food Biotechnology	2020	
Microstructure and microhardness of copper coated multiwalled carbon nanotube-graphene reinforced aluminium 6061 alloy nanocomposites	Kumar V., Kempaiah U.N., Satish Babu B., Vijay Kumar S.	International Journal of Mechanical and Production Engineering Research and Development	2020	
High-Temperature Oxidation and Corrosion Behaviour of APS CoCrAlY + Cr3C2-NiCr Composite Coating	Nithin H.S., Nishchitha K.M., Shamanth V., Hemanth K., Babu K.A.	Journal of Bio- and Tribo-Corrosion	2020	
A secure mutual authentication protocol for IoT environment	Panda P.K., Chattopadhyay S.	Journal of Reliable Intelligent Environments	2020	

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Future city-challenges and opportunities for water-sensitive sustainable cities, in India	Pusalkar V., Swamy V., Shivapur A.	E3S Web of Conferences	2020	
Synthesis of Terminal Thiazoles from N-Protected Amino Acids and a Study of Their Antibacterial Activities	Lalithamba H.S., Uma K., Gowthami T.S., Nagendra G.	Organic Preparations and Procedures International	2020	
A novel security algorithm ECC-L for wireless sensor network	Ajaykumar N., Sarvagya M., Parandkar P.	Internet Technology Letters	2020	
Runoff estimation for Arkavathi valley, hebbala valley, KC Valley, South Pennar valley, Vrishabhavathi valley by using soil conservation services curve number method (Scs-cn)	Prabhu N., Mohan Kumar T.M., Inayathulla M.	Water and Energy International	2020	
Synchronization of Singular Markovian Jumping Neutral Complex Dynamical Networks with Time-Varying Delays via Pinning Control	Anand K.S., Yogambigai J., Harish Babu G.A., Ali M.S., Padmanabhan S.	Acta Mathematica Scientia	2020	
Trust Management Scheme Based on Hybrid Cryptography for Secure Communications in VANETs	Tangade S., Manvi S.S., Lorenz P.	IEEE Transactions on Vehicular Technology	2020	
Frequency dependence of AC conductivity and dielectric properties evaluation of in-situ prepared polyaniline/manganese dioxide composite	Kulakarni Y.A., Jagadeesh M.R., Jambaladinni S., Kumar H.M.S., Vasanthkumar M.S., Shivakumara S.	Journal of Materials Science: Materials in Electronics	2020	
Statistical optimization and characterization of bacterial cellulose produced by isolated thermophilic Bacillus licheniformis strain ZBT2	Bagewadi Z.K., Bhavikatti J.S., Muddapur U.M., Yaraguppi D.A., Mulla S.I.	Carbohydrate Research	2020	
Framework for knowledge management on education	Narendra U.P., Prabhakar M., Pradeep B.S.	International Journal of Advanced Science and Technology	2020	
Development of accurate and timely students' performance prediction model utilizing heart rate data	Wong M.L., Senthil S.	Handbook of Research on Engineering Innovations and Technology Management in Organizations	2020	
Mechanical and Wear behaviour of Al6061 reinforced with Graphite and TiC Hybrid MMC's	Gowrishankar T.P., Manjunatha L.H., Sangmesh B.	Materials Research Innovations	2020	
A bio-key based authentication scheme for user mobile in fog computing environment	Gowda N.C., Manvi S.S.	International Journal of Advanced Science and Technology	2020	
Removal of organic content and nutrients from wastewater by using rotating biological contactor	Das P., Bhuyan J., Mishra M.	International Journal of Advanced Science and Technology	2020	
Developing the compressive sensing basis matrix by employing the music key as a watermark and acquire the audio signal	Electa Alice Jayarani A., Bhatt M.R., Geetha D.D.	International Journal of Advanced Science and Technology	2020	
Quality of air status in selected traffic junction points of bengaluru city-a case study	Harinath S., Pavithra P., Lumina P.	International Journal of Advanced Science and Technology	2020	
An efficient approach for enhancing security in Internet of Things using the optimum authentication key	Kalyani G., Chaudhari S.	International Journal of Computers and Applications	2020	

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Employee experience management: A new paradigm shift in HR thinking	Itam U., Ghosh N.	International Journal of Human Capital and Information Technology Professionals	2020	
Comparative physical study of evans blue by fe3o4@cf-r coated combination of decorated go and tio2 magnetic nanocomposite	Jinendra U., Lakshmi B., Bhat S., Dinesh B.	Rasayan Journal of Chemistry	2020	
An adaptive fractional-sine cosine algorithm for noise removal and video deblurring	Padma Reddy A.M., Udaya Rani V.	International Journal of Scientific and Technology Research	2020	
A new model applied for evaluating a rhenium-diselenium drug: Breast cancer cells stimulated by cytokines induced from polynuclear cells by LPS	Veena V., Harikrishnan A., Lakshmi B., Khanna S., Desmaele D., Collery P.	Anticancer Research	2020	
Local structure and electrical switching in Al <sub>20</sub> Te <sub>75</sub> X <sub>5</sub> (X = Si, Ge, As, Sb) glasses	Wilson P.T., Ramanna R., Chahal S., Shekhawat R., Kumar M.M., Ramesh K.	Applied Physics A: Materials Science and Processing	2020	
Novel pyrazolo[3,4-d]pyrimidine derivatives inhibit human cancer cell proliferation and induce apoptosis by ROS generation	Gaonkar S., Savanur M.A., Nadaf A.A., Najare M.S., Mantur S., Garbhagudi M., Mulla S.I., Khazi I.A.M.	Archiv der Pharmazie	2020	
Drug analysis for highly sensitive morphine detection using SPR	Raganna A., Bharathi S.H., Deepthi Murthy T.S., Dilip Chandra E.	International Journal of Advanced Science and Technology	2020	
A comparative study of deep neural network and long-short term memory based voice active detection technique for the recognition of dysfluent speech	Vinay N.A., Bharathi S.H.	International Journal of Advanced Science and Technology	2020	
A systematic review of organized and unorganized retail markets and supply chain management in india	Singh R.K.	International Journal of Advanced Science and Technology	2020	
Effect of glass and coir fiber on geotechnical properties of clayey soil	Urs Y.C., Nanjunda K.N., Thejas H.K.	International Journal of Advanced Science and Technology	2020	
A survey on major problems and solutions of top 10 web application security	Raheem S.A., Veeragandham S., Gillela K.	International Journal of Advanced Science and Technology	2020	
Self-improved grey wolf optimization for estimating carrier frequency offset in SCM-OFDM systems	N R., Sarvagya M.	International Journal of Pervasive Computing and Communications	2020	
Energy Management with Bi-Directional Converters in DC Microgrids	Mahesh G.S., Puskar A., Krishna P.M., Rajashekhar S.	Journal of Physics: Conference Series	2020	
Influence of magnetic field on a curved circular plate and flat plate lubricated with non-Newtonian fluid	Hiremath A.G., Hanumagowda B.N., Siddharama P., Jagadish P.	Journal of Physics: Conference Series	2020	
Larvicidal activities of 2-aryl-2,3-dihydroquinazolin -4-ones against malaria vector anopheles arabiensis, in silico ADMET prediction and molecular target investigation	Venugopala K.N., Ramachandra P., Tratratt C., Gleiser R.M., Bhandary S., Chopra D., Morsy M.A., Aldhubiab B.E., Attimarad M., Nair A.B., Sreeharsha N., Venugopala R., Deb P.K., Chandrashekarappa S., Khalil H.E., Alwassil O.I., Abed S.N., Bataineh Y.A., Palenge R., Haroun M., Pottathil S., Girish M.B., Akrawi S.H., Mohanlal V.	Molecules	2020	

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An implementation of KFDD based reversible logic using IBM-Q experience	Sangeetha P., Kumari P.	Proceedings of the 7th International Conference on Computing for Sustainable Global Development, INDIACom 2020	2020	
Placement and coordinated facts: An overview	Divya B.V., Archana N.V.	International Journal of Scientific and Technology Research	2020	
Enhancement of e-commerce security through asymmetric key algorithm	P. D., Babu S., Vijayalakshmi Y.	Computer Communications	2020	
Defect related photoluminescence study of V2O5: Dy <sup>3+</sup> nanostructures	G.R. N., D.V. S., K. H., G. N.	Optik	2020	
Response of prokaryotic communities to extreme precipitation events in an urban coastal lagoon: A case study of Yundang lagoon, China	Wang H., Yang X., Chen Q., Su J.-Q., Mulla S.I., Rashid A., Hu A., Yu C.-P.	Science of the Total Environment	2020	
Polyphenylsulfone/multiwalled carbon nanotubes mixed ultrafiltration membranes: Fabrication, characterization and removal of heavy metals Pb <sup>2+</sup> , Hg <sup>2+</sup> , and Cd <sup>2+</sup> from aqueous solutions	Chandrashekhar Nayak M., Isloor A.M., Inamuddin, Lakshmi B., Marwani H.M., Khan I.	Arabian Journal of Chemistry	2020	
Machine learning is the future for lung cancer prognosis and prediction	Balakumar A., Senthil S.	Applications of Deep Learning and Big IoT on Personalized Healthcare Services	2020	
An Overview of Community Detection Algorithms in Social Networks	Varsha K., Patil K.K.	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020	2020	
Electric Vehicle Traffic Pattern Analysis and Prediction in Aggregation Regions/Parking Lot Zones to Support V2G Operation in Smart Grid: A Cyber-Physical System Entity	Hampannavar S., Chavhan S., Mansani S., Yaragatti U.R.	International Journal of Emerging Electric Power Systems	2020	
Societal changes and its impact on food habits	Swaroop K.R., Giddaiah R.	International Journal of Scientific and Technology Research	2020	
A study on cement stabilized laterite paver blocks	Tanu H.M., Mishra M., Sunitha M., Reshma T.V., Sankalpasri S.S.	International Journal of Scientific and Technology Research	2020	
Comprehensive study of traffic congestion, travel time and traffic variation at hebbal flyover using vissim software	Sreenatha M., Suresh B., Vinayaka B., Chandraprakash K., Kanimozhee S.	International Journal of Scientific and Technology Research	2020	
The study of microstructure and wear behaviour of titanium nitride reinforced aluminium composites	Mahesh L., Reddy J.S., Jagadeesh L.R., Vinyas M.	AIP Conference Proceedings	2020	
Investigations on Electrical Resistivity and Dielectric Properties of Dy Doped MgO-ZrO <sub>2</sub> Composite Material	Marappa B., Pattar V., Munirathnam K., Rudresha M.S.	ECS Journal of Solid State Science and Technology	2020	
Electrochemical Determination of Hematoxylin by Pretreated ZnO Nanoflakes Modified Carbon Paste Electrode in the Absence and Presence of Eosin y	Kumar M., Swamy B.E.K., Reddy S., Kumara J.K.S., Zhao W.	Journal of the Electrochemical Society	2020	

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6-Substituted benzothiazole based dispersed azo dyes having pyrazole moiety: Synthesis, characterization, electrochemical and DFT studies	Maliyappa M.R., Keshavayya J., Mahanthappa M., Shivaraj Y., Basavarajappa K.V.	Journal of Molecular Structure	2020	
MAR-Sybil: Cooperative RSU Based Detection and Prevention of Sybil Attacks in Routing Process of VANET	Kabbur M., Arul Kumar V.	Journal of Physics: Conference Series	2020	
Congestion-aware wireless network-on-chip for high-speed communication	Devanathan M., Ranganathan V., Sivakumar P.	Automatika	2020	
An Insight into the Potential Application of Microalgae in Pharmaceutical and Nutraceutical Production	Dhandayuthapani K., Malathy S., Mulla S.I., Gupta S.K.	Algae: Multifarious Applications for a Sustainable World	2020	
Spreading of Microorganism in Bipolar Fuzzy System	Rajeshwari M., Murugesan R., Venkatesh K.A.	Research Journal of Pharmacy and Technology	2020	
EDGE DOMINATION IN SOME BRICK PRODUCT GRAPHS	Kumar U.V.C., Murali R., Girisha A.	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	2020	
Constructive Effect of Ranking Optimal Features Using Random Forest, Support Vector Machine and Naïve Bayes for Breast Cancer Diagnosis	Deepa B.G., Senthil S.	Big Data Analytics and Intelligence: A Perspective for Health Care	2020	
Recent advancements in fermentation studies for lovastatin biosynthesis	Upendra R.S., Khandelwal P.	Microbial Biotechnology in Food and Health	2020	
Development of cost effective, solar light active Cu <sub>1-x</sub> CaxFe <sub>2</sub> O <sub>4</sub> nanocomposite catalysts for water treatment	Harish K.N., Bhojya Naik H.S., Anantharaju K.S., Reddy S., Aravinda T., Vinay Kumar B., Dinamani M.	Materials Today: Proceedings	2020	
Static and free vibration analysis of functionally graded rectangular plates using ANSYS	Deepak S.A., Shetty R.A.	Materials Today: Proceedings	2020	
Tribological behaviour of aluminium-zinc-magnesium alloy processed by equal channel angular pressing	Manjunath G.K., Bhat K.U., Kumar G.V.P.	Materials Today: Proceedings	2020	
Design and development of solar electric tricycle	Hampali C., Bendigeri C.	Materials Today: Proceedings	2020	
A review on spark plasma sintering of duplex stainless steels	Mahale R.S., Shamanth V., Sharath P.C., Shashanka R., Hemanth K.	Materials Today: Proceedings	2020	
Numerical simulation aided design of heat sink using Z-cast	Suresha S., Pawan H.	Materials Today: Proceedings	2020	
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Processes for the removal of triclosan in the environment and engineered systems: A review	Mulla S.I., Asefi B., Bharagava R.N., Saratale G.D., Li J., Huang C.-L., Yu C.-P.	Environmental Reviews	2020	
In Search of the Future Technologies: Fusion of Machine Learning, Fog and Edge Computing in the Internet of Things	Naveen S., Kounte M.R.	Lecture Notes on Data Engineering and Communications Technologies	2020	
Tensile toughness characteristics of cast Al-Zn-Mg alloys processed by equal channel angular pressing	Manjunath G.K., Bhat K.U., Preetham Kumar G.V.	Materials Science Forum	2020	
Hanning weighted window analysis assisted time-series analysis model for slow moving target detection in sea clutter	Rajesh B., Udayarani V., Jayaramaiah G.V.	International Journal of Engineering Research and Technology	2020	
Integrated reporting insight: Why organisation voluntarily reports?	Ara M., Harani B.	International Journal of Scientific and Technology Research	2020	
Financial inclusion with reference to access to banking services: An empirical analysis	Shylaja H.N.	International Journal of Scientific and Technology Research	2020	

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Design and performance analysis of artificial neural network based artificial synapse for bio-inspired computing	Prashanth B.U.V., Ahmed M.R.	Advances in Intelligent Systems and Computing	2020	
Neuro-fuzzy inference approach for detecting stages of lung cancer	Rangaswamy C., Raju G.T., Seshikala G.	Advances in Intelligent Systems and Computing	2020	
Fault-resilient and QoS centric dynamic network sensitive routing protocol for mobile-WSNs	Ganesh D.R., Patil K.K., Suresh L.	International Journal of Autonomous and Adaptive Communications Systems	2020	
Design of Low-Power Active High-Pass Filter Using Operational Transconductance Amplifier	Nivitha Rodrigues S., Sushma P.S.	Lecture Notes in Electrical Engineering	2020	
Feature Selection from Gene Expression Data Using SVMRF and Feed-Forward Neural Network Classifier	Koul N., Manvi S.S.	Lecture Notes in Electrical Engineering	2020	
Artificial Neural Network-Based Smart Energy Meter Monitoring and Control Using Global System for Mobile Communication Module	Ashwini Kumari P., Geethanjali P.	Advances in Intelligent Systems and Computing	2020	
Efficiency enhancement using optimized static scheduling technique in TSCH networks	Asuti M.G., Basarkod P.I.	International Journal of Electrical and Computer Engineering	2020	
Energy efficient clustering using the AMHC (adaptive multi-hop clustering) technique	Vimala M., Ranjan R.	International Journal of Electrical and Computer Engineering	2020	
Framework for comprehensive enhancement of brain tumor images with single-window operation	Deepthi Murthy T.S., Sadashivappa G.	International Journal of Electrical and Computer Engineering	2020	
Gamma-irradiation induced modifications in structural and magnetic properties of nanocrystalline Mn <sub>0.5</sub> Zn <sub>0.5</sub> SmxFe <sub>2-x</sub> O <sub>4</sub> ceramics	Anupama A.V., Kumar R., Choudhary H.K., Angadi V.J., Somashekarappa H.M., Rudraswamy B., Sahoo B.	Radiation Physics and Chemistry	2020	
Synthesis and anti-tuberculosis studies of 10-phenyl sulfonyl-2-alkyl/aryl-4, 10 dihydrobenzo [4, 5] imidazo [1, 2-a] pyrimidin-4-one derivatives	Jagannath K.V.	Current Chemistry Letters	2020	
An Adaptive Neuro-Fuzzy Inference System-Based Intelligent Grid-Connected Photovoltaic Power Generation	Priyadarshi N., Azam F., Sharma A.K., Vardia M.	Advances in Intelligent Systems and Computing	2020	
Analysis of Filter Circuits in Remote Lab	Narasimhamurthy K.C., Thanmayi K.C., Bhuvana T.N., Chaitra H.R., Spurthy K.N., Raghavendra Kashyap T.M.	Lecture Notes in Networks and Systems	2020	
2021-22				
Simply Supported Polygon Plate Frequencies using Classical and Shear Deformation Theories	Deepak S.A., Rajesh A.S., Dushyanthkumar G.L., Sudheer K.K.	International Journal of Vehicle Structures and Systems	2021	
Integration of RES with MPPT by SVPWM scheme	Kumar B.H., Subburaj V.	Intelligent Renewable Energy Systems: Integrating Artificial Intelligence Techniques and Optimization Algorithms	2021	



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Neural Network Based Mental Depression Identification and Sentiments Classification Technique From Speech Signals: A COVID-19 Focused Pandemic Study	Ahmed S.T., Singh D.K., Basha S.M., Abouel Nasr E., Kamrani A.K., Aboudaif M.K.	Frontiers in Public Health	2021	
Assessment of LULC Changes for Hesaraghatta Watershed Using GIS Tools and Remote Sensed Data	Bharath A., Manjunatha M., Tangadagi R.B., Preethi S., Dangeti M.	Nature Environment and Pollution Technology	2021	
A 20–44 GHz wideband LNA design using the sige technology for 5G millimeter-wave applications	Balani W., Sarvagya M., Ali T., Samasgikar A., Kumar P., Pathan S., Pai M M M.	Micromachines	2021	
An overview of recent advancements in microbial polyhydroxyalkanoates (Pha) production from dark fermentation acidogenic effluents: A path to an integrated bio-refinery	Saratale R.G., Cho S.-K., Saratale G.D., Kumar M., Bharagava R.N., Varjani S., Kadam A.A., Ghodake G.S., Palem R.R., Mulla S.I., Kim D.-S., Shin H.-S.	Polymers	2021	
Delay aware downlink resource allocation scheme for future generation tactical wireless networks	Ravishankar H., Patil K.K.	IAES International Journal of Artificial Intelligence	2021	
Analysis of various surface energy balance models for evapotranspiration estimation using satellite data	Aryalekshmi B.N., Biradar R.C., Chandrasekar K., Mohammed Ahamed J.	Egyptian Journal of Remote Sensing and Space Science	2021	
Hybrid nanofluid slip flow and heat transfer over a stretching surface	Kumar T.S.	Partial Differential Equations in Applied Mathematics	2021	
Effects of rhenium(I)-diselenoether and of its diselenide ligand on the production of cathepsins B and S by MDA-MB231 breast malignant cells	Collery P., Veena V., Desmaele D., Harikrishnan A., Lakshmi B.	Anticancer Research	2021	
Highly corrosion resistant platinum-rhodium alloy coating and its photocatalytic activity	Devendra B.K., Praveen B.M., Tripathi V.S., Nagaraju G., Nagaraju D.H., Nayana K.O.	Inorganic Chemistry Communications	2021	
Drainage morphometry based sub-watershed prioritization of Kalinadi basin using geospatial technology	Bharath A., Kumar K.K., Maddamsetty R., Manjunatha M., Tangadagi R.B., Preethi S.	Environmental Challenges	2021	
Combined secure approach based on whale optimization to improve the data classification for data analytics	Sarada B., Vinayaka Murthy M., Udaya Rani V.	Pattern Recognition Letters	2021	
Investigation of ON Current and Subthreshold Swing of an InSb/Si Heterojunction Stacked Oxide Double-Gate TFET with Graphene Nanoribbon	Samuel T.S.A., Venkatesh M., Pandian M.K., Vimala P.	Journal of Electronic Materials	2021	
A computational overview on phylogenetic characterization, pathogenic mutations, and drug targets for Ebola virus disease	Vasudevan K., Thirumal Kumar D., Udhaya Kumar S., Saleem A., Nagasundaram N., Siva R., Tayubi I.A., George Priya Doss C., Zayed H.	Current Opinion in Pharmacology	2021	

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Correction to: A Detailed Evolutionary Scrutiny of PEIS with GPS Fleet Tracker and AOMDV-SAPTV Based on Throughput, Delay, Accuracy, Error Rate, and Success Rate (Wireless Personal Communications, (2021), 121, 4, (2635-2651), 10.1007/s11277-021-08840-2)	Pandian M.T., Prasad S.N., Sharma M.	Wireless Personal Communications	2021	
Glucose electrocatalysts derived from mono- or dicarbene coordinated nickel(II) complexes and their mesoporous carbon composites	Yhobu Z., Brinda K.N., Achar G., Malecki J.G., Keri R.S., Nagaraju D.H., Budagumpi S.	Applied Organometallic Chemistry	2021	
Hydrogen Evolution Reaction by Platinum Coating	Devendra B.K., Praveen B.M., Tripathi V.S., Nagaraju D.H., Nayana K.O.	Iranian Journal of Science and Technology, Transaction A: Science	2021	
Polarization-Sensitive High-Q Four-Arm Structured Toroidal Terahertz Metamaterial	Mishra P., Srivastava V., Kumar M., Sunny	Journal of Electronic Materials	2021	
A Detailed Evolutionary Scrutiny of PEIS with GPS Fleet Tracker and AOMDV-SAPTV Based on Throughput, Delay, Accuracy, Error Rate, and Success Rate	Pandian M.T., Prasad S.N., Sharma M.	Wireless Personal Communications	2021	
Mechanical and Moisture Absorption Behaviour of Alkali Treated Sida Acuta Composite	Chandra Mohan H.K., Devaraj S., Ranganatha R., Narayana Swamy K.S.	Transactions of the Indian Institute of Metals	2021	
An hybrid security framework using internet of things for healthcare system	Kumar S.S., Koti M.S.	Network Modeling Analysis in Health Informatics and Bioinformatics	2021	
Mutational analysis in international isolates and drug repurposing against SARS-CoV-2 spike protein: molecular docking and simulation approach	Pulakuntla S., Lokhande K.B., Padmavathi P., Pal M., Swamy K.V., Sadasivam J., Singh S.A., Aramgam S.L., Reddy V.D.	VirusDisease	2021	
Analysis of human aldehyde dehydrogenases (ALDH) gene expression pattern in breast cancer tissue samples: rutin-copper complex inhibit the breast cancer cell proliferation	Pattar S.V., Mirjankar M.R., Kulkarni S., Gai P.B., Pujar N.K., Premakshi H.G., Mulla S.I., Babu R.L., Kamanavalli C.M.	Egyptian Journal of Medical Human Genetics	2021	
Non-Darcian-Bènard Double Diffusive Magneto-Marangoni Convection in a Two Layer System with Constant Heat Source/Sink	Manjunatha N., Sumithra R.	Iraqi Journal of Science	2021	
Analysis of parallel flow heat exchanger using SiO <sub>2</sub> nanofluids in the laminar flow region	Lahari M.L.R.C., Sai P.H.V.S.T., Sharma K.V., Narayanaswamy K.S., Bee P.H., Devaraj S.	Journal of Physics: Conference Series	2021	
Metal-Metal Interactions in Bi-, Tri- and Multinuclear Fe, Ru and Os N-Heterocyclic Carbene Complexes and their Catalytic Applications	Narayana B.K., Keri R.S., Hanumantharayudu N.D., Budagumpi S.	European Journal of Inorganic Chemistry	2021	
Single-Atom (Iron-Based) Catalysts: Synthesis and Applications	Singh B., Gawande M.B., Kute A.D., Varma R.S., Fornasiero P., McNeice P., Jagadeesh R.V., Beller M., Zboril R.	Chemical Reviews	2021	

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Structural, Electrical and Dielectric Studies on Novel Chitosan/Polyaniline/Molybdenum-Trioxide Hybrid Nanocomposites	Prashanth S., Nagaraja M., Praveen B.M., Pattar J., Manohara S.R., Sunil K.	Polymer Science - Series B	2021	
THE EFFECTS OF COUPLESTRESS ON THE PERFORMANCE OF SQUEEZE FILM BETWEEN ELLIPTICAL PLATES LUBRICATED WITH A FERROFLUID	Shakilahammad, Kumar J.S., Hanumagowda B.N.	ARPN Journal of Engineering and Applied Sciences	2021	
Novel Gaussian flower pollination algorithm with IoT for unit price prediction in peer-to-peer energy trading market	Sahoo S., Swain S., Dash R., Sanjeevikumar P., Jyotheeswara Reddy K., Subburaj V.	Energy Reports	2021	
New insights into the application of nanoghosts as theranostic tools with an emphasis on cardiovascular diseases	Qindeel M., Sabir F., Sargazi S., Mohammadzadeh V., Mulla S.I.	Journal of Nanoparticle Research	2021	
Dynamic Analysis of Base Isolated Connected Buildings Subjected to Seismic and Blast Induced Vibrations	Kangda M.Z., Bakre S.	Soil Mechanics and Foundation Engineering	2021	
Development of soft actuators for stroke rehabilitation using deep learning	Al-Shammari N.K., Alshammari A.S., Albadarn S.M., Ahmed S.T., Basha S.M., Alzamil A.A., Gabr A.M.	International Journal of Advanced and Applied Sciences	2021	
Analysis of microgrid integrated Photovoltaic (PV) Powered Electric Vehicle Charging Stations (EVCS) under different solar irradiation conditions in India: A way towards sustainable development and growth	Himabindu N., Hampannavar S., Deepa B., Swapna M.	Energy Reports	2021	
Garlic and cilantro assisted phytoextraction of zinc using <i>Sansevieria roxburghiana</i> from contaminated soil	Mirjankar M.R., Pattar S.V., G P.H., Pujar N.K., Laad S., Ganeshkar M.P., Mulla S.I., Kamanavalli C.M.	Biocatalysis and Agricultural Biotechnology	2021	
In-silico genome wide analysis of Mitogen activated protein kinase kinase gene family in <i>C. sinensis</i>	Paul A., Srivastava A.P., Subrahmanya S., Shen G., Mishra N.	PLoS ONE	2021	
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Framework for classification of cancer gene expression data using Bayesian hyper-parameter optimization	Koul N., Manvi S.S.	Medical and Biological Engineering and Computing	2021	
Experimental investigation and optimization of compression moulding parameters for MWCNT/glass/kevlar/epoxy composites on mechanical and tribological properties	Rangaswamy H., M H.H., Gowdru Chandrashekarappa M.P., Pimenov D.Y., Giasin K., Wojciechowski S.	Journal of Materials Research and Technology	2021	
Electrochemical studies of heat-treated NiCrMoFeCoAl and NiCrMoFeCoAl-30%Cr3C2 HVOF coatings on T22 boiler steel	Patil V.G., Kandaiah S., Somasundaram B.	International Journal of Applied Ceramic Technology	2021	

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Modeling and analysis of priority and range-based-deterministic and synchronous multichannel extension-guaranteed time slot allocation in IEEE 802.15.4e medium access control protocol	Asuti M.G., Basarkod P.I.	Transactions on Emerging Telecommunications Technologies	2021	
Deciphering the genetic architecture and ethnographic distribution of IRD in three ethnic populations by whole genome sequence analysis	Biswas P., Villanueva A.L., Soto-Hermida A., Duncan J.L., Matsui H., Borooah S., Kumarov B., Richard G., Khan S.Y., Branham K., Huang B., Suk J., Bakall B., Goldberg J.L., Gabriel L., Khan N.W., Raghavendra P.B., Zhao J., Devalaraja S., Huynh A., Alapati A., Zawaydeh Q., Weleber R.G., Heckenlively J.R., Hejtmancik J.F., Riazuddin S., Sieving P.A., Riazuddin S.A., Frazer K.A., Ayyagari R.	PLoS Genetics	2021	
Impacts of chemical reaction, diffusion-thermo and radiation on unsteady natural convective flow past an inclined vertical plate under aligned magnetic field	Ramakrishna S.B., Thavada S.K., Venkatachala G.M., Bandaru M.	Biointerface Research in Applied Chemistry	2021	
High capacitive h-MoO <sub>3</sub> hexagonal rods and its applications towards lithium ion battery, humidity and nitrite sensing	Udayabhanu, Pavitra V., Shivanna M., Alharthi F.A., Praveen B.M., Ravikiran Y.T., Byrappa K., Nagaraju G.	International Journal of Energy Research	2021	
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Bacteriocin production optimization applying RSM and hybrid (ANN-GA) method for the indigenous culture of <i>Pediococcus pentosaceus</i> Sanna 14	Upendra R.S., Khandelwal P., Ahmed M.R.	Journal of Applied Pharmaceutical Science	2021	
Synthesis of high surface area and plate-like Magnesium Oxide nanoparticles by pH-controlled precipitation method	Sreekanth R., Pattar J., Anupama A.V., Mallikarjunaswamy A.M.M.	Applied Physics A: Materials Science and Processing	2021	
Improving network security based on trust-aware routing protocols using long short-term memory-queuing segment-routing algorithms	Muthukumaran V., Vinothkumar V., Joseph R.B., Munirathanam M., Jeyakumar B.	International Journal of Information Technology Project Management	2021	
Demystifying the role of emotions in decision-making sciences: A new hrd indicator dimension	Ghosh N.	International Journal of Human Capital and Information Technology Professionals	2021	
Degradation mechanism and toxicity reduction of methyl orange dye by a newly isolated bacterium <i>Pseudomonas aeruginosa</i> MZ520730	Kishor R., Purchase D., Saratale G.D., Romanholo Ferreira L.F., Hussain C.M., Mulla S.I., Bharagava R.N.	Journal of Water Process Engineering	2021	

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Analytical Modeling and Simulation of Gate-All-Around Junctionless Mosfet for Biosensing Applications	Preethi S., Venkatesh M., Karthigai Pandian M., Lakshmi Priya G.	Silicon	2021	
Synthesis, electrical, and dielectric properties of novel polyaniline/strontium di-nitrate composites	Ashwini I.S., Pattar J., Sreekanth R., Nagaraja M., Manohara S.R., Anjaneyulu P.	Polymer Composites	2021	
Continuous wave laser probed thermal nonlinearity in TiO <sub>2</sub> and TiO <sub>2</sub> -dye nano colloidal	Pramodini S., Aravinda L.S., Nagaraja K.K., Poornesh P.	Optics and Laser Technology	2021	
Spectral Efficient Beamforming for mmWave MISO Systems using Deep Learning Techniques	Nalband A.H., Sarvagya M., Ahmed M.R.	Arabian Journal for Science and Engineering	2021	
Can new education policy 2020 serve as a paradigm shift to the employability gap in India? A viewpoint	Chaturvedi S., Purohit S., Verma M.	Public Affairs Education and Training in the 21st Century	2021	
Dielectric properties of A-site Mn-doped bismuth sodium titanate perovskite: (Bi <sub>0.5</sub> Na <sub>0.5</sub> ) <sub>0.9</sub> Mn <sub>0.1</sub> TiO <sub>3</sub>	Madolappa S., Choudhary H.K., Punia N., Anupama A.V., Sahoo B.	Materials Chemistry and Physics	2021	
From Infection to Immunity: Understanding the Response to SARS-CoV2 Through In-Silico Modeling	Castiglione F., Deb D., Srivastava A.P., Lio P., Liso A.	Frontiers in Immunology	2021	
Fecal pollution mediates the dominance of stochastic assembly of antibiotic resistome in an urban lagoon (Yundang lagoon), China	Hou L., Wang H., Chen Q., Su J.-Q., Gad M., Li J., Mulla S.I., Yu C.-P., Hu A.	Journal of Hazardous Materials	2021	
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Cloud-based intrusion detection using kernel fuzzy clustering and optimal type-2 fuzzy neural network	Srilatha D., Shyam G.K.	Cluster Computing	2021	
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Nanoencapsulation in low-molecular-weight chitosan improves in vivo antioxidant potential of black carrot anthocyanin	Chatterjee N.S., Dara P.K., Perumcherry Raman S., Vijayan D.K., Sadasivam J., Mathew S., Ravishankar C.N., Anandan R.	Journal of the Science of Food and Agriculture	2021	

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Multistorey Building Analysis and Its Behavior because of Shear Wall Location Underneath completely different Seismal Zones	Reshma T.V., Sankalpasri S.S., Tanu H.M., Nirmala M.V.	IOP Conference Series: Earth and Environmental Science	2021	
Micro phasor measurement unit ( $\mu$ PMU) placement for maximum observability in smart distribution network	Hampannavar S., Deepa B., Swapna M.	2021 IEEE PES/IAS PowerAfrica, PowerAfrica 2021	2021	
Highly efficient visible light driven photocatalytic activity of zinc/ferrite: Carbamazepine degradation, mechanism and toxicity assessment	Mohan H., Ramalingam V., Adithan A., Natesan K., Seralathan K.-K., Shin T.	Journal of Hazardous Materials	2021	
MHD slip flow and heat transfer of Cu-Fe <sub>3</sub> O <sub>4</sub> / ethylene glycol-based hybrid nanofluid over a stretching surface	Ezhil K., Thavada S.K., Ramakrishna S.B.	Biointerface Research in Applied Chemistry	2021	
Evolutionary Tracking of SARS-CoV-2 Genetic Variants Highlights an Intricate Balance of Stabilizing and Destabilizing Mutations	Jacob J.J., Vasudevan K., Pragasam A.K., Gunasekaran K., Veeraraghavan B., Mutreja A.	mBio	2021	
Particle swarm optimization tuned unified power flow controller for power oscillation reduction	Ananda M.H., Shivakumar M.R.	Indonesian Journal of Electrical Engineering and Computer Science	2021	
A self adaptive new crossover operator to improve the efficiency of the genetic algorithm to find the shortest path	Chattoraj M., Vinayakamurthy U.R.	Indonesian Journal of Electrical Engineering and Computer Science	2021	
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Evaluation of cell wall-associated direct extracellular electron transfer in thermophilic Geobacillus sp.	Gurumurthy D.M., Bilal M., Nadda A.K., Reddy V.D., Saratale G.D., Guzik U., Ferreira L.F.R., Gupta S.K., Savanur M.A., Mulla S.I.	3 Biotech	2021	
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Superior photocatalytic activity of Mn-doped CoFe <sub>2</sub> O <sub>4</sub> under visible light irradiation: Exploration of hopping and polaron formation in the spinel structure	Srinivas M.	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	2021	
Tamarindusindica Mediated Combustion Synthesis of BiOCl: Photocatalytic Degradation of Dyes and Synthesis of $\beta$ -Enaminones	Shashikanth J., Shashank M., Sumedha H.N., Alharthi F.A., Nizam A., Reddy M., Nagaraju G.	Journal of Electronic Materials	2021	

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Estimation of equivalent mechanical properties of multi-layered PCBs based on FEA, vibration testing and analytical calculation	Chippalkatti V.S., Biradar R.C., Chandrashekar B.K., Joteppa S.	AIP Conference Proceedings	2021	
Secure efficient signature for internet of things over near-ring	Muthukumar V., Arun M., Satheesh Kumar S., Kumta S.D., Angeline Kavitha M., Vijayaraghavan R.	Journal of Physics: Conference Series	2021	
Movie recommendation system using clustering mining with Python	Sadhasivam J., Cera J.M., Deepa R., Satheshkumar K., Muthukumar V., Satheesh Kumar S., Angeline Kavitha M.	Journal of Physics: Conference Series	2021	
Applying data mining technique to predict trends in air pollution in Mumbai	Sadhasivam J., Muthukumar V., Thimmia Raja J., Vinothkumar V., Deepa R., Nivedita V.	Journal of Physics: Conference Series	2021	
Forex exchange using big data analytics	Sadhasivam J., Arun M., Deepa R., Muthukumar V., Lokesh Kumar R., Prasanna Kumar R.B.	Journal of Physics: Conference Series	2021	
Diabetes disease prediction using decision tree for feature selection	Sadhasivam J., Muthukumar V., Thimmia Raja J., Joseph R.B., Munirathanam M., Balajee J.M.	Journal of Physics: Conference Series	2021	
Student Performance Appraisal System	Chindhe T.B., Patil B.M.	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	2021	
Modeling and simulation for capacity fade prediction of lithium-ion battery	Bairwa B., Hampannavar S., Vishal K.S., Bhargavi K.M.	EUROCON 2021 - 19th IEEE International Conference on Smart Technologies, Proceedings	2021	
Wind speed assessment and techno-economic analysis of a community microgrid in warm and humid climate zone of India	Himabindu N., Hampannavar S., Swapna M., Patil K.N.	EUROCON 2021 - 19th IEEE International Conference on Smart Technologies, Proceedings	2021	
Adaptive data augmentation training based attention regularized densenet for diagnosis of thoracic diseases	Shetty R., Sarapadi P.N.	Indian Journal of Computer Science and Engineering	2021	
Public Key Encryption with Equality Test for Industrial Internet of Things Based on Near-Ring	Muthukumar V., Manimozhi I., Sundar P.P.V., Karthikeyan T., Gopu M.	International Journal of e-Collaboration	2021	
Improving Health Risks Prediction Mechanism in Cloud Using RT-TKRIBC Technique	Konduru V.R., Bharamagoudra M.R.	2021 International Conference on Intelligent Technologies, CONIT 2021	2021	
Deployment Strategy to Enhance the Coverage in Medium Scale Waterbodies	Godi G., Bharamagoudra M.R., Manvi S.S.	2021 International Conference on Intelligent Technologies, CONIT 2021	2021	
A Co-Processor FPGA based - Numerical Relay - Reconfigurable Method	Venkateshmurthy B.S.	2021 International Conference on Intelligent Technologies, CONIT 2021	2021	
Enhanced visible light-driven photocatalysis of iron-oxide/titania composite: Norfloxacin degradation mechanism and toxicity study	Mohan H., Ramasamy M., Ramalingam V., Natesan K., Duraisamy M., Venkatachalam J., Shin T., Seralathan K.-K.	Journal of Hazardous Materials	2021	
Effective Teaching Practices for Success During COVID 19 Pandemic: Towards Phygital Learning	Chaturvedi S., Purohit S., Verma M.	Frontiers in Education	2021	

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Effect of heat transfer on Newtonian flow between concentric elliptical regions	Puranik S.M., Ramarao I., Ravikumar S.K.	International Journal of Heat and Technology	2021	
Development and mechanical characterisation of al6061-al2 o3-graphene hybrid metal matrix composites	Boppana S.B., Dayanand S., Murthy B.V., Nagaral M., Telagu A., Kumar V., Auradi V.	Journal of Composites Science	2021	
A multiband patch antenna with embedded square split ring resonators in non-homogeneous substrate	Rao S.M., Basarkod P.I.	Bulletin of Electrical Engineering and Informatics	2021	
Polymer-wrapped reduced graphene oxide/nickel cobalt ferrite nanocomposites as tertiary hybrid supercapacitors: insights from experiment and simulation	Hareesh K., Rondiya S.R., Dzade N.Y., Dhole S.D., Williams J., Sergey S.	Journal of Science: Advanced Materials and Devices	2021	
Analysis of the Effect of Friction Stir Welding Parameters on Characteristics of AA6061 Composites using Response Surface Methodology	Sachinkumar, Chakradhar D., Narendranath S.	Transactions of the Indian Institute of Metals	2021	
Slope Stability Analysis Using Rf, Gbm, Cart, Bt and Xgboost	Bharti J.P., Mishra P., moorthy U., Sathishkumar V.E., Cho Y., Samui P.	Geotechnical and Geological Engineering	2021	
A Universal Converter for Different Power Conversion Operations and High Power Applications	Suresh K., Jyotheeswara Reddy K., Dash R., Hampannavar S., Srikakulapu R., Subburaj V.	Proceedings of the Energy Conversion Congress and Exposition - Asia, ECCE Asia 2021	2021	
Performance enhancement of PI-Controller using SVM for DFIG-grid interconnected system	Das M.C., Dash R., Swain S.C., Subburaj V.	2021 2nd International Conference for Emerging Technology, INCET 2021	2021	
A survey on attack detection methods for IOT using machine learning and deep learning	Babu M.R., Veena K.N.	2021 3rd International Conference on Signal Processing and Communication, ICPSC 2021	2021	
Role of sweep direction and substrate work function on resistive switching of titanium-di-oxide [TiO <sub>2</sub> ] nanoparticles	Kumari R A., Ponnam A.	Current Applied Physics	2021	
Solvothermal decoration of Cu <sub>3</sub> SnS <sub>4</sub> on reduced graphene oxide for enhanced electrocatalytic hydrogen evolution reaction	Govindaraju V.R., Sreeramareddy M., Hanumantharayudu N.D., Devaramani S., Thippeswamy R., Surareungchai W.	Environmental Progress and Sustainable Energy	2021	
One-pot hydrothermal synthesis: Enhanced MOR and OER performance using low-cost Mn <sub>3</sub> O <sub>4</sub> electrocatalyst	Nagajyothi P.C., Ramaraghavulu R., Munirathnam K., Yoo K., Shim J.	International Journal of Hydrogen Energy	2021	
Experimental and computational studies of sonochemical assisted anchoring of carbon quantum dots on reduced graphene oxide sheets towards the photocatalytic activity	Ashritha M.G., Rondiya S.R., Cross R.W., Dzade N.Y., Dhole S.D., Hareesh K., Sunitha D.V.	Applied Surface Science	2021	
Biomass conversion and green chemistry	Ammanagi A., Satapute P., Adhoni S.A., Adhikari S.S., Gupta S.K., Mulla S.I.	Catalysis for Clean Energy and Environmental Sustainability: Biomass Conversion and Green Chemistry - Volume 1	2021	
AksharaNet: A GPU accelerated modified depth-wise separable convolution for kannada text classification	Siddiqua S., Chikkaguddaiah N., Manvi S.S., Aradhya M.	Revue d'Intelligence Artificielle	2021	



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Protective effect of Terminalia arjuna against alcohol induced oxidative damage of rat erythrocyte membranes	Hebbani A.V., Vaddi D.R., DD P.P., NCh V.	Journal of Ayurveda and Integrative Medicine	2021	
Structural, optical and Urbach energy properties of ITO/CdS and ITO/ZnO/CdS bi-layer thin films	Nagaraja M., Raghu P., Mahesh H.M., Pattar J.	Journal of Materials Science: Materials in Electronics	2021	
Microstructural and Mechanical Characterization of Spark-Plasma-Sintered Compact of Al-4.5 wt.% Cu Alloy Powder	Chandra Mohan H.K., Devaraj S., Narayana Swamy K.S.	Journal of Materials Engineering and Performance	2021	
Improved email classification through enhanced data preprocessing approach	Kumara B.A., Kodabagi M.M., Choudhury T., Um J.-S.	Spatial Information Research	2021	
A comprehensive overview and recent advances on polyhydroxyalkanoates (PHA) production using various organic waste streams	Ganesh Saratale R., Cho S.-K., Dattatraya Saratale G., Kadam A.A., Ghodake G.S., Kumar M., Naresh Bharagava R., Kumar G., Su Kim D., Mulla S.I., Seung Shin H.	Bioresource Technology	2021	
Design and implementation of DA FIR filter for bio-inspired computing architecture	Prashanth B.U.V., Ahmed M.R., Kounte M.R.	International Journal of Electrical and Computer Engineering	2021	
IoT-based automated pond water quality monitoring system for aquaculture farms	Menon A.G., Prabhakar M.	Proceedings of the 2021 8th International Conference on Computing for Sustainable Global Development, INDIACom 2021	2021	
Microstructural Characterization and Hot Corrosion Behavior of Plasma-Sprayed Fe17Cr2Ni0.18C/Fly Ash Cenosphere-Based Composite Coating	Hanumanthlal S., Siddaraju C., Ramesh M.R., Thirtha Prasada H.P., Somasunder B., Virupakshappa L.	SAE International Journal of Materials and Manufacturing	2021	
IOT enabled power monitoring and control of single phase induction motor	Divya B.V., Latha N., Ashwinikumari P.	2021 International Conference on Emerging Smart Computing and Informatics, ESCI 2021	2021	
Design, synthesis, molecular docking, anti-proliferative and anti-TB studies of 2H-chromen-8-azaspiro[4.5]decane-7,9-dione conjugates	Mane S.G., Reddy D.S., Katagi K.S., Kumar A., Munnolli R.S., Kadam N.S., Akki M.C., Nagarajaiah H., Joshi S.D.	Journal of Molecular Structure	2021	
Optimal Grouping and Belief based CH selection in mobile ad-hoc network using Chunk Reliable Routing Protocol	Saravanan T., Thillaiarasu N.	2021 International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021	2021	
Certain varieties of resolving sets of a graph	Sooryanarayana B., Suma A.S., Chandrakala S.B.	Journal of the Indonesian Mathematical Society	2021	
The prospects and challenges of solar electrochemical capacitors	Manopriya S., Hareesh K.	Journal of Energy Storage	2021	
An efficient metaheuristic algorithm based feature selection and recurrent neural network for DoS attack detection in cloud computing environment	SaiSindhuTheja R., Shyam G.K.	Applied Soft Computing	2021	
Free-vibration and moisture absorption behaviour of Sida acuta fibre polymer composites	Mohan H.K.C., Devaraj S.	Emerging Materials Research	2021	

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Novel Carbene Anchored Molecular Catalysts for Hydrogen Evolution Reactions	Brinda K.N., Malecki J.G., Yhobu Z., Nagaraju D.H., Budagumpi S., Erakulan E.S., Thapa R.	Journal of Physical Chemistry C	2021	
Effective deployment of sensors in a wireless sensor networks using hebbian machine learning technique	Kusuma S.M., Veena K.N., Aparna N.	Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCIS 2021	2021	
A Deep Belief Network based Attack Detection using a Secure SaaS Framework	Saisindhutheja R., Shyam G.K.	Proceedings of International Conference on Innovative Practices in Technology and Management, ICIPTM 2021	2021	
Line to Ground fault analysis of DFIG and STATCOM using Simulated Annealing optimization-Part-I	Mishra S., Dash R., Swain S.C.	Proceedings of International Conference on Innovative Practices in Technology and Management, ICIPTM 2021	2021	
Negotiation based resource allocation in cloud computing scenarios	Bharti P., Ranjan R.	Proceedings of International Conference on Innovative Practices in Technology and Management, ICIPTM 2021	2021	
Performance evaluation of fuel cell fed electric vehicle system with reconfigured quadratic boost converter	Kumar K., Tiwari R., Varaprasad P.V., Babu C., Reddy K.J.	International Journal of Hydrogen Energy	2021	
Atom search-jaya-based deep recurrent neural network for liver cancer detection	Navaneethakrishnan M., Vairamuthu S., Parthasarathy G., Cristin R.	IET Image Processing	2021	
A review on influence of nano-fluid MQL in machining processes	Bee P.H., Devaraj S., Lahari M.L.R.C., Sai P.H.V.S.T., Narayanaswamy K.S.	AIP Conference Proceedings	2021	
A review on effect of processing parameters on mechanical properties of MMCs by friction stir process	Florence D.P.L., Sai P.H.V.S.T., Devaraj S., Narayanaswamy K.S.	AIP Conference Proceedings	2021	
Deep convolutional neural strategy for detection and prediction of melanoma skin cancer	Dandu R., Jayakameshwaraiyah, Ravi Kumar Y.B.	Biomedical Engineering - Applications, Basis and Communications	2021	
Synthesis of benzoxazole derivatives by Mannich reaction and invitro cytotoxic, antimicrobial and docking studies	TR P., HM V., Jinendra U., B R.	Chemical Data Collections	2021	
Effect of Macroalloying Element Addition of Aluminum on Pure Copper	Chandra Mohan H.K., Devaraj S., Narayana Swamy K.S.	Metallography, Microstructure, and Analysis	2021	
AC conductivity and dielectric properties of nanostructured amorphous manganese dioxide and polypyrrole/manganese dioxide composite	Kulakarni Y.A., Jagadeesh M.R., Jambaladinni S., Suresh Kumar H.M., Vasanthkumar M.S., Shivakumara S.	Journal of Materials Science: Materials in Electronics	2021	
Detection and validation of novel mutations in MERTK in a simplex case of retinal degeneration using WGS and hiPSC-RPEs model	Biswas P., Boroah S., Matsui H., Voronchikhina M., Zhou J., Zawaydeh Q., Raghavendra P.B., Ferreyra H., Riazuddin S.A., Wahlin K., Frazer K.A., Ayyagari R.	Human Mutation	2021	
An optimal clear channel assessment in IEEE 802.15.4 medium access control protocol for recurrent data transmission and long acknowledgement wait period	Asuti M.G., Basarkod P.I.	Transactions on Emerging Telecommunications Technologies	2021	
A fuzzy geospatial approach for delineation of groundwater potential zones in Raipur district, India	Singha S., Das P., Singha S.S.	Groundwater for Sustainable Development	2021	

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Protein class prediction based on Count Vectorizer and long short term memory	Sekhar S.R.M., Siddesh G.M., Raj M., Manvi S.S.	International Journal of Information Technology (Singapore)	2021	
A proposed model for neural machine translation of Sanskrit into English	Koul N., Manvi S.S.	International Journal of Information Technology (Singapore)	2021	
Molecular interaction studies of zinc sulphide nanoparticles with DNA and its consequence: a multitechnique approach	Mahanthappa M., Savanur M.A., Yellappa S.	Luminescence	2021	
Design of swb antenna with triple band notch characteristics for multipurpose wireless applications	Balani W., Sarvagya M., Ali T., Samasgikar A., Das S., Kumar P., Anguera J.	Applied Sciences (Switzerland)	2021	
Design and analysis of super wideband antenna for microwave applications	Balani W., Sarvagya M., Samasgikar A., Ali T., Kumar P.	Sensors (Switzerland)	2021	
Phytochemistry and Pharmacological Properties of Santalum album L.	Pullaiah T., Ramulu D.R., Murthy K.S.R., Reddy V.D., Saradamma B., Swamy M.K.	Sandalwood: Silviculture, Conservation and Applications	2021	
Bioremediation of Pesticides Containing Soil and Water	More V.S., Sehar A.E.J.S., Sheshadri A.P., Rajanna S., Shivram A.K., Fasim A., Rao A., Acharya P., Mulla S., More S.S.	Biotechnology for Zero Waste: Emerging Waste Management Techniques	2021	
A subset methodology to image classification based on multi feature extraction	Rajasekhar B., Tamilarasu P., Ravi Shankar D., Pratap N.L.	Materials Today: Proceedings	2021	
Sandalwood: Silviculture, Conservation and Applications	Pullaiah T., Das S.C., Bapat V.A., Swamy M.K., Reddy V.D., Murthy K.S.R.	Sandalwood: Silviculture, Conservation and Applications	2021	
Role of Microorganisms in Mitigating Plant Biotic and Abiotic Stresses	Kadri S.U.T., Tavanappanavar A.N., Savanur M.A., Nagesh Babu R., Gupta S.K., Bharagava R.N., Hu A., Bankole P.O., Mulla S.I.	Plant-Microbial Interactions and Smart Agricultural Biotechnology	2021	
Message from the General Chairs	Venkateswaran S., Tumuluri R., Chitnis S.	Proceedings - 2021 IEEE International Conference on Cloud Computing in Emerging Markets, CCEM 2021	2021	
Sustainable management of municipal solid waste to fuel: An overview for a better tomorrow	Ali F., Ali N., Ahmad I., Khurshid R., Javed M.R., Mulla S.I., Bilal M., Iqbal H.M.N.	Advanced Technology for the Conversion of Waste into Fuels and Chemicals: Volume 2: Chemical Processes	2021	
Computational intelligence techniques for cancer diagnosis	Koul N., Manvi S.K.S.	Recent Trends in Computational Intelligence Enabled Research: Theoretical Foundations and Applications	2021	
Computational intelligent techniques for resource management schemes in wireless sensor networks	Kori G.S., Kakkasageri M.S., Manvi S.K.S.	Recent Trends in Computational Intelligence Enabled Research: Theoretical Foundations and Applications	2021	
Security and privacy in the internet of things: Computational intelligent techniques-based approaches	Chanal P.M., Kakkasageri M.S., Manvi S.K.S.	Recent Trends in Computational Intelligence Enabled Research: Theoretical Foundations and Applications	2021	
Computational intelligence techniques for localization and clustering in wireless sensor networks	Angadi B.M., Kakkasageri M.S., Manvi S.S.	Recent Trends in Computational Intelligence Enabled Research: Theoretical Foundations and Applications	2021	
A Bluetooth Based Intercommunicative Product for Spotting Medicine in Pharmacies	Oommen S., Akhil B.H., Akash V.T., Deeraj S., Irshad A.	Proceedings - 2021 IEEE International Conference on Intelligent Systems, Smart and Green Technologies, ICISSGT 2021	2021	

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Smart SMPS Based Grid to Support Renewable Energy Systems	Bale A.S., Vinay N., Pradeep S., Ghorpade N., Brunda S., Gupta A., Rohith T.J.	Proceedings - 2021 3rd International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2021	2021	
Inter-Locking Dependency Evaluation Schema based on Block-chain Enabled Federated Transfer Learning for Autonomous Vehicular Systems	Basha S.M., Ahmed S.T., Iyengar N.C.S.N., Caytiles R.D.	Proceedings - 2021 International Conference on Innovative Technology Convergence, CITC 2021	2021	
Test automation techniques to characterize multiband transmit receive modules in satellite payload subsystems	Chippalkatti V.S., Biradar R.C., Shenoy V.	2021 IEEE MTT-S International Microwave and RF Conference, IMARC 2021	2021	
GAN models in natural language processing and image translation	Thirumagal E., Saruladha K.	Generative Adversarial Networks for Image-to-Image Translation	2021	
Efficient Authentication for Securing Electronic Health Records using Algebraic Structure	Satheesh Kumar S., Koti M.S.	2021 5th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques, ICEECCOT 2021 - Proceedings	2021	
A Review on Use of LED Light in VLC and its Impact on Human Health	Prabha. K., Deshpande R.	2021 5th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques, ICEECCOT 2021 - Proceedings	2021	
Nanomaterials Augmenting Plant Growth-Promoting Bacteria and Their: Potential Application in Sustained Agriculture	Savanur M.A., Mallappa M., Kadri S.U.T., Mulla S.I.	Plant-Microbial Interactions and Smart Agricultural Biotechnology	2021	
Wind Speed Assessment of Three Climate Zones of Ethiopia	Mansani S., Hampannavar S., Patil K.N., Narayan K.V.L., Bairwa B., Ayenew E.	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	2021	
COVID-19 Outbreak Based Coronary Heart Diseases (CHD) Prediction Using SVM and Risk Factor Validation	Sundari L.K.S., Ahmed S.T., Anitha K., Pushpa M.K.	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	2021	
Design of Outer Voltage Control Loop using Type-2 Fuzzy Logic Controller for TCSC	Das M.C., Patel P., Swain S.C., Dash R.	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	2021	
Role of temporal amplitude modulation in Indian Political Scenario: Narendra Modi vs. Rahul Gandhi	Kumar A., Shrotriya S., Chandra M.	2021 5th International Conference on Information Systems and Computer Networks, ISCON 2021	2021	
Modeling and Simulation of PMSG based Wind Turbine Connected to Grid	Venkateswarlu S., Ankireddy D.T., Meram R., Kumar N.K., Reddy K.J., Babu C.	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	2021	

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An Experimental Investigation of Co2 Concentration on Solar PV Performance using SVM	Patnaik B., Swain S.C., Rout U.K., Dash R.	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	2021	
PEDESTRIAN WALKING SPEED VARIATION WITH GRADIENT OF ROAD UNDER MIXED TRAFFIC FLOW CONDITIONS	Naidu V.M., Sarada, Srikanth S., Eswar S.	Suranaree Journal of Science and Technology	2021	
Disruption in HR Through Inclusive Emotional Culture: Key to Sustainable Growth in Indian Businesses	Ghosh N.	Research Anthology on Cross-Industry Challenges of Industry 4.0	2021	
Prediction of Automobile MPG using Optimization Techniques	Shalini L., Naveen S., Ashwinkumar U.M.	Proceedings of the IEEE Madras Section International Conference 2021, MASCON 2021	2021	
HydroIoT: An IoT and Edge Computing based Multi-Level Hydroponics System	Salvi S., Savitha S., Sawargaonkar S., Vishwas B., Harshitha T.K., Pramod Jain S.A.	CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information Technology for Sustainable Solutions, Proceedings	2021	
A Review of Blockchain Based Approach for Secured Communication in Internet of Vehicle (IoV) Scenario	Azam F., Biradar A., Priyadarshi N., Kumari S., Tangade S.	2021 2nd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2021 - Proceedings	2021	
A Framework for Secured Dissemination of Messages in Internet of Vehicle (IoV) Using Blockchain Approach	Azam F., Biradar A., Priyadarshi N., Kumari S., Almakles D., Tangade S.	2021 IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2021	2021	
Dynamic Average Consensus Based Control Scheme in Community Microgrid	Magadam S., Archana N.V., Hampannavar S.	2021 IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2021	2021	
Price Prediction of Agriculture Commodities Using Machine Learning and NLP	Hegde G., Hulipalled V.R., Simha J.B.	2021 2nd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2021 - Proceedings	2021	
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Battery Swapping Mobile Service Station for Electric Vehicles Application	Bairwa B., Sarvagya M., Kumar S., Banik A.	2021 2nd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2021 - Proceedings	2021	

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High density packaging techniques for miniaturization of satellite RF and microwave subsystems: Attachments, Interconnections and Hermetic sealing	Chippalkatti V.S., Biradar R.C., Shivarudraswami Y., Mathan N.	2021 IEEE 23rd Electronics Packaging Technology Conference, EPTC 2021	2021	
Thermo-Mechanical load Influence on Electronics Packages	Chippalkatti V.S., Biradar R.C., Chandrashekar B., Jotteppa S.	2021 IEEE 23rd Electronics Packaging Technology Conference, EPTC 2021	2021	
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Biosensors for the Detection of Toxic Contaminants from Water Reservoirs Essential for Potable and Agriculture Needs: A Review	Thirumala Akash K., Samvrudhi K., Upendra R.S., Ahmed M.R.	2021 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2021 - Proceedings	2021	
Hybrid kernel fuzzy C-means clustering segmentation algorithm for content based medical image retrieval application	Lakshmana, Manvi S.K.S., Karibasappa K.G.	International Journal of Bioinformatics Research and Applications	2021	
A Novel Geo Tagging Based Biometric System for Granting Access to the User	Konduru V.R., Bharamagoudra M.R.	2021 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2021	2021	
Kannada Language Based Hybrid Cryptographic Scheme for Protecting Human Rights for Privacy	Yamini C., Praveen V.S., Tangade S., Manvi S.S.	IEEE Region 10 Humanitarian Technology Conference, R10-HTC	2021	
An Efficient Authentication Scheme for Fog Computing Environment using Symmetric Cryptographic methods	Gowda N.C., Manvi S.S.	IEEE Region 10 Humanitarian Technology Conference, R10-HTC	2021	
Smart Garbage Collection Autonomous Vehicle	Divya B.V., Latha N.	2021 4th International Conference on Recent Developments in Control, Automation and Power Engineering, RDCAPE 2021	2021	
Performance Analysis of Deep Neural Networks for Tomato Leaf Disease Classification with Server-Based Computing	Cholachgudda K.E., Biradar R.C., Akansie K.Y.O., Lohith R., Purushotham A.A.R.	IEEE Region 10 Humanitarian Technology Conference, R10-HTC	2021	
Smart Agriculture Monitoring Rover for Small-Scale Farms in Rural Areas using IoT	Menon A.G., Prabhakar M.	Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2021	2021	
Membrane-based hybrid processes in industrial waste effluent treatment	Zainith S., Ferreira L.F.R., Saratale G.D., Mulla S.I., Bharagava R.N.	Membrane-based Hybrid Processes for Wastewater Treatment	2021	
Polyaniline-CuO nanocomposite: Electrical, structural and sensor properties	Nagaraja M., Prashanth S., Pattar J., Mahesh H.M., Rajanna K.	Materials Today: Proceedings	2021	

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Quality and Reliability Considerations of Earth Observation Payload Electronics for LEO satellite	Chippalkatti V.S., Biradar R.C., Kolli P., Supriya G.R.	2021 9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2021	2021	
Automated System for Detection of Suspicious Activity in Examination Hall	Kulkarni A.S., Naresh E., Swetha M., Kusuma S.M.	Proceedings of CONECCT 2021: 7th IEEE International Conference on Electronics, Computing and Communication Technologies	2021	
Player Rating Correlation Prediction Using Machine Learning	Shrilakshmi K., Naveen S., Ashwinkumar U.M.	Proceedings of CONECCT 2021: 7th IEEE International Conference on Electronics, Computing and Communication Technologies	2021	
Path Planning Scheme for Collision Avoidance in Unmanned Aerial Vehicle Traffic Management System	Amaanullah, Lamba M.A., Surya Prakash S., Tangade S.S., Nawaz S.S., Manvi S.S.	Proceedings of CONECCT 2021: 7th IEEE International Conference on Electronics, Computing and Communication Technologies	2021	
Recent Technology Trends in Satellite Communication Subsystems	Chippalkatti V.S., Biradar R.C., Rana S.S.	Proceedings of CONECCT 2021: 7th IEEE International Conference on Electronics, Computing and Communication Technologies	2021	
SG-TSE: Segment-based Geographic Routing and Traffic Light Scheduling for EV Preemption based Negative Impact Reduction on Normal Traffic	Kamble S.J., Kounte M.R.	International Journal of Advanced Computer Science and Applications	2021	
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Low Latency Deep Learning Inference Model for Distributed Intelligent IoT Edge Clusters	Naveen S., Kounte M.R., Ahmed M.R.	IEEE Access	2021	
Enhance Health Risks Prediction Mechanism in the Cloud Using RT-TKRIBC Technique	Konduru V.R., Bharamgoudra M.R.	Journal of Information and Communication Convergence Engineering	2021	
Modeling a Fault Detection Predictor in Compressor using Machine Learning Approach based on Acoustic Sensor Data	M.N D., C.K N., S.L G.	International Journal of Advanced Computer Science and Applications	2021	
Intelligent medical data analytics using classifiers and clusters in machine learning	Muthukumar V., Satheesh Kumar S., Joseph R.B., Vinoth Kumar V., Uday A.K.	Handbook of Research on Innovations and Applications of AI, IoT, and Cognitive Technologies	2021	
A quantum technology- based lifi security using quantum key distribution	Kumar V., Niveditha V.R., Muthukumar V., Satheesh Kumar S., Kumta S.D., Murugesan R.	Handbook of Research on Innovations and Applications of AI, IoT, and Cognitive Technologies	2021	

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Fine tuning smart manufacturing enterprise systems: A perspective of internet of things-based service-oriented architecture	Nagarajan S.M., Muthukumaran V., Vinoth Kumar V., Beschi I.S., Magesh S.	Handbook of Research on Innovations and Applications of AI, IoT, and Cognitive Technologies	2021	
Chaotic geometric data perturbed and ensemble gradient homomorphic privacy preservation over big healthcare data	Sujatha K., Udayarani V.	International Journal of Systems Assurance Engineering and Management	2021	
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CFD analysis of combustion characteristics of CI engine run on biodiesel under various compression ratios	Rajeesh S., Methre J., Godiganur S.	Materials Today: Proceedings	2021	
Silk Fibroin: A Promising Tool for Wound Healing and Skin Regeneration	Vidya M., Rajagopal S.	International Journal of Polymer Science	2021	
Structural Behavior of Nanocoated Oil Palm Shell as Coarse Aggregate in Lightweight Concrete	Nadh V.S., Krishna C., Natrayan L., Kumar K., Nitesh K.J.N.S., Raja G.B., Paramasivam P.	Journal of Nanomaterials	2021	
A comprehensive survey on privacy- security and scalability solutions for block chain technology	Puneeth R.P., Parthasarathy G.	Advances in Parallel Computing	2021	
Survey on food recognition system using machine learning	Ganesh Gaurav D., Parthasarathy G., Dhananja, Chiranthan Y.C., Bharti K.	Advances in Parallel Computing	2021	
The solution for XML external entity vulnerability in web application security	Prabhakar M., Syed A.R.	Advances in Parallel Computing	2021	
Face mask detection using CNN	Saisupriya N., Priyanka, Rashmi S., Parthasarathy G.	Advances in Parallel Computing	2021	
Security aware routing: Rule based attack detection on optimal shortest route selection	Kalyani G., Chaudhari S.	Ad-Hoc and Sensor Wireless Networks	2021	
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An effective digit recognition model using enhanced convolutional neural network based chaotic grey wolf optimization	Preethi P., Asokan R., Thillaiarasu N., Saravanan T.	Journal of Intelligent and Fuzzy Systems	2021	
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Recognition of Dysfluency in Speech: A Bidirectional Long-Short Term Memory Based Approach	Vinay N.A., Bharathi S.H., Aradhya V.N.M.	Communications in Computer and Information Science	2021	
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Mean Flow Properties of a Three-Dimensional Wall Jet Developing on Concave Cylindrical Surfaces	Bhagavanulu D.V.S., Balamurugan R.	Lecture Notes in Mechanical Engineering	2021	
Framework for concealing medical data in images using modified Hill cipher, multi-bit EF and ECDSA	Sreejith R., Senthil S.	International Journal of Information and Communication Technology	2021	
Wind Turbine Control Challenges-A Comprehensive Survey	Ayenew E., Biru G., Mulatu A., Hampannavar S.	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	2021	
Wind Power Potential Estimation by Using the Statistical Models-Adama, Ethiopia	Ayenew E., Biru G., Mulatu A., Hampannavar S.	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	2021	
Saltwater corrosion behaviour of equal channel angular pressed AZ80/91 Mg alloys	Hebbale A.M., Naik G.M., Badiger R.I., Bellubbi S., Sachinkumar, Narendranath S.	Materials Today: Proceedings	2021	
Palladium metal embedded on mesoporous graphene oxide as an efficient heterogeneous catalyst for Suzuki coupling reaction	Jithendra Kumara K.S., Krishnamurthy G.N., Jinendra U., Bhat S.	Materials Today: Proceedings	2021	
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Automated Multiple Face Recognition Using Deep Learning for Security and Surveillance Applications	Chand N., Nagaratna, Balagannavar P., Darshini B.J., Madan H.T.	Lecture Notes in Networks and Systems	2021	
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Optimum selection of banana variety by using goal programming	Sammeta V.M., Harish Babu G.A., Polasi S.	Palestine Journal of Mathematics	2021	
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Aspects impacting smallholder farmers' bean production and distribution of food product to the global market in India	Kumar P.S., Polasi S., Harish Babu G.A.	Palestine Journal of Mathematics	2021	
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Combined effect of rough surface with MHD on porous conical bearing with conducting couple-stress fluid	Hanumagowda B.N., Salma A., Nair S.S.	Palestine Journal of Mathematics	2021	
Study of mhd steady and dynamic characteristics of pivoted curved slider bearing with a couplestress fluid	Hanumagowda B.N., Salma A., Gonchigara T., Srikumar K.	Palestine Journal of Mathematics	2021	
Properties of high strength concrete with reduced amount of Portland cement– a case study	Y B R., Y R.R., Hossiney N., H T D.	Cogent Engineering	2021	
LEES: A hybrid lightweight elliptic elgamal-schnorr-based cryptography for secure D2D communications	Ambareen J., Prabhakar M., Ara T.	Journal of Telecommunications and Information Technology	2021	

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Effect of microwave annealing on the performance of dye sensitized solar cell with Beta vulgaris as natural dye	Bharathi Devi S., Prakash Babu D., Naresh Kumar S.	Spectroscopy Letters	2021	
Orange photoluminescence emission of samarium ion doped in calcium zirconium orthophosphate	Mohan Prakash Y.H., Prakash Babu D., Madesh Kumar M., Ponkumar S., Mani Rahulan K.	Spectroscopy Letters	2021	
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Analysing the User Actions and Location for Identifying Online Scam in Internet Banking on Cloud	Lazar A.J.P., Sengan S., Cavaliere L.P.L., Nadesan T., Sharma D., Gupta M.K., Palaniswamy T., Vellingiri M., Sharma D.K., Subramani T.	Wireless Personal Communications	2021	
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Influence of Propyl gallate antioxidant on performance and emissions of a compression ignition engine fueled with Madhuca Indica B20 ester blends	Balaji S., Saravanan R., Kapilan N.	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2021	
Various strategies applied for the removal of emerging micropollutant sulfamethazine: a systematic review	Mulla S.I., Bagewadi Z.K., Faniband B., Bilal M., Chae J.-C., Bankole P.O., Saratale G.D., Bhargava R.N., Gurumurthy D.M.	Environmental Science and Pollution Research	2021	

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Studying the performance of cutting carbon fibre-reinforced plastic using an abrasive water jet technique	Hussien A.A., Qasem I., Kataraki P.S., Al-Kouz W., Janvekar A.A.	Strojniski Vestnik/Journal of Mechanical Engineering	2021	
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Wind speed potential assessment of selected climatic zones of Ethiopia	Ayene E., Hampannavar S.	Reliability: Theory and Applications	2021	
Enhanced Privacy Preservation in the Routing layer with Variable-length packet data for Attack Free IoT Sector	Kalyani G., Chaudhari S.	Journal of Engineering Science and Technology Review	2021	
Design of new improved Curcumin derivatives to multi-targets of cancer and inflammation	Harikrishnan A., Khanna S., Veena V.	Current Drug Targets	2021	
Computational modelling and analysis of pyrimidine analogues as egfr inhibitor in search of anticancer agents	Reddy P.B., Madhusudana Reddy M.B., Ramakrishna Reddy K., Chhajed S.S., Gupta P.P.	Biomedicine (India)	2021	
Distinctive Context Sensitive and Hellinger Convolutional Learning for Privacy Preserving of Big Healthcare Data	Sujatha K., Udayarani V.	International Journal of Advanced Computer Science and Applications	2021	
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DPEBic: detecting essential proteins in gene expressions using encoding and biclustering algorithm	Ali A., Hulipalled V.R., Patil S.S., Abdulkader R.	Journal of Ambient Intelligence and Humanized Computing	2021	
Study the dynamic behaviour of seven DOF of full car model with semi-active suspension system	Krishna H., Vasanth S., Sonnappa D., Kumar H., Gangadharan K.	International Journal of Vehicle Performance	2021	

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Comprehensive analysis of an unsteady radiated mhd natural convective nanofluid in the existence of magnetic field fixed to the vertical plate or to the fluid	Ramakrishna S.B., Thavada S.K., Gullapalli N.	Biointerface Research in Applied Chemistry	2021	
A comprehensive review on the influence of light on signaling cross-talk and molecular communication against phyto-microbiome interactions	Shah A., Tyagi S., Saratale G.D., Guzik U., Hu A., Sreevathsa R., Reddy V.D., Rai V., Mulla S.I.	Critical Reviews in Biotechnology	2021	
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Microwave radiation induced performance modifications of dye-sensitized solar cells	Bharathi Devi S., Prakash Babu D., Naresh Kumar S., Ponkumar S.	Radiation Effects and Defects in Solids	2021	
Performance and emission characteristics of c.I engine fuelled with hybrid biodiesel	Telgane V., Godiganur S., Keerthi Kumar N., Chandrashekar T.K.	International Journal of Vehicle Structures and Systems	2021	
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A bio-inspired chicken swarm optimization-based fuel cell system for electric vehicle applications	Priyadarshi N., Azam F., Solanki S.S., Sharma A.K., Bhoi A.K., Almahles D.	Studies in Computational Intelligence	2021	
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Microbial nanotechnology and its indispensable role in sustainable agriculture	Mishra P., Muralidaran Y., Vaishnavi G., Dhoni S., Jyotsana S., Singh M., Kumar V.	Microbial Nanotechnology: Advances in Agriculture, Industry and Health Sectors	2022	
Manufacturing of nanomaterials from microbial sources and their roles in industrial innovations	Patyal U., Kumar V., Datta V., Singh M., Srivastav N., Muralidaran Y., Kumar S., Yadav M.	Microbial Nanotechnology: Advances in Agriculture, Industry and Health Sectors	2022	
Microbe-assisted synthesis of nanoparticles and nanotechnology horizons for their applications in various sectors	Chopra M., Singh M., Kumar V., Mishra P., Kumar S., Sehrawat N., Yadav M., Upadhyay S.K.	Microbial Nanotechnology: Advances in Agriculture, Industry and Health Sectors	2022	
Distinctive applicative potential of microbial nanoparticles in food technology: A comprehensive understanding	Muralidaran Y., Mishra P., Kiran N.S., Majid M.J., Singh S., Kumar V., Singh M.	Microbial Nanotechnology: Advances in Agriculture, Industry and Health Sectors	2022	
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Integrated Biorefinery and Life Cycle Assessment of Cassava Processing Residue—From Production to Sustainable Evaluation	Andrade L.R.S., Felisardo R.J.A., Cruz I.A., Bilal M., Iqbal H.M.N., Mulla S.I., Bharagava R.N., Souza R.L.D., Azevedo L.C.B., Ferreira L.F.R.	Plants	2022	
The impacts of shape factor and heat transfer on two-phase flow of nano and hybrid nanofluid in a saturated porous medium	Ananth Subray P.V., Hanumagowda B.N., Varma S.V.K., Hatami M.	Scientific Reports	2022	
Face recognition based vehicle starter using machine learning	Archana P., Divyabharathi P., Balaji S.R., Kumareshan N., Veeramaniandan P., Naitik S.T., Rafi S.M., Nandankar P.V., Manikandan G.	Measurement: Sensors	2022	
An Efficient and Ecofriendly Synthesis of 3,7-Diaryltetrahydro-1H,5H-[1,2,4]triazolo[1,2-a][1,2,4]triazole-1,5-dithiones	Mallikarjunaswamy A.M.M., Vijaya B.S., Khatik G.L., Chopra S., Akhir A., Saxena D., Nair V.A.	Asian Journal of Chemistry	2022	
An integrated gene network analysis to decode the multi-drug resistance mechanism in <i>Klebsiella pneumoniae</i>	Dey H., Vasudevan K., Dasegowda K.R., Rambabu M., CN P., C G.P.D.	Microbial Pathogenesis	2022	
Ethyl-4-(aryl)-6-methyl-2-(oxo/thio)-3,4-dihydro-1H-pyrimidine-5-carboxylates: Silica supported bismuth(III)triflate catalyzed synthesis and antioxidant activity	Gajjala R.R., Chinta R.R., Gopireddy V.S.R., Poola S., Balam S.K., Chintla V., Pasupuleti V.R., Avula V.K.R., Vallela S., Vasilievich Zyryanov G., Cirandur S.R.	Bioorganic Chemistry	2022	



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The epigenetic correlation among ovarian cancer, endometriosis and PCOS: A review	Throwba H.P.K., Unnikrishnan L., Pangath M., Vasudevan K., Jayaraman S., Li M., Iyaswamy A., Palaniyandi K., Gnanasampanthapandian D.	Critical Reviews in Oncology/Hematology	2022	
Retraction Note: An hybrid security framework using internet of things for healthcare system	Kumar S.S., Koti M.S.	Network Modeling Analysis in Health Informatics and Bioinformatics	2022	
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Structural and spectral properties of triple-color emitting Eu doped SrZr <sub>4</sub> (PO <sub>4</sub> ) <sub>6</sub> phosphors: Plant growth LEDs application	T G V.K., Munirathnam K., Parthasaradhi Reddy C., Thiyagaraj S., K.N V., Nagajyothi P.C.	Optik	2022	
Advanced strategies for hydrogen generation by rhodium metal catalysts coated by the electrodeposition method	Devendra B.K., Praveen B.M., Tripathi V.S., Nagaraju D.H., Padaki M., Nagaswarupa H.P., Krishna R.H.	Applied Surface Science Advances	2022	
Impact of vehicle type on stopping sight distance at signal-controlled intersections in heterogeneous traffic conditions	Sushmitha R., Kumar R.L.V.P., Shankar K.V.R.R., Srikanth S.	Innovative Infrastructure Solutions	2022	
Competitive removal mechanism to simultaneously incarcerate bisphenol A, triclosan and 4-tert-octylphenol within beta-cyclodextrin crosslinked citric acid used for encapsulation in polypropylene membrane protected-micro-solid-phase extraction	Hafiz Rozaini M.N., Saad B., Lim J.W., Yahaya N., Ramachandran M.R., Mohd Ridzuan N.D., Kiatkittipong W., Pasupuleti V.R., Lam S.M., Sin J.C.	Chemosphere	2022	
CFD simulation on optimum material to fabricate the counter flow of Ranque–Hilsch vortex tube	Rao K.K.K., Ramesh A., Hampali C.	Scientific Reports	2022	
Memory optimization at Edge for Distributed Convolution Neural Network	Naveen S., Kounte M.R.	Transactions on Emerging Telecommunications Technologies	2022	
Synthesis and biological evaluation of novel dialkyl (4-amino-5H-chromeno[2,3-d]pyrimidin-5-yl)phosphonates	Sreelakshmi P., Krishna B.S., Santhisudha S., Murali S., Reddy G.R., Venkataramaiah C., Rao P.V., Reddy A.V.K., Swetha V., Zyryanov G.V., Reddy C.D., Reddy C.S.	Bioorganic Chemistry	2022	
Advanced measurement infrastructures for time-sensitive applications using ACP architecture	Reddy U.J., Ravikanth G., Reddy M.R.	Measurement: Sensors	2022	
Weather-based maize yield forecast in Saudi Arabia using statistical analysis and machine learning	Jayagopal P., Muthukumar V., Koti M.S., Kumar S.S., Rajendran S., Mathivanan S.K.	Acta Geophysica	2022	
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Structural, electrical, and magnetic properties of nano Sr <sub>1-x</sub> La <sub>x</sub> Fe <sub>12</sub> O <sub>19</sub> (X = 0.2–0.8)	Baba Basha D., Suresh Kumar N., Chandra Babu Naidu K., Ranjith Kumar G.	Scientific Reports	2022	

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Modeling and Simulation of Double Gate Dielectric Stack Silicon Substrate Memristor Circuits for Low Power Applications	Lakshmi Priya G., Rawat N., Abhishek S., Venkatesh M.	Silicon	2022	
Sonication-supported synthesis of cobalt oxide assembled on an N-MWCNT composite for electrochemical supercapacitors via three-electrode configuration	Nare R.K., Ramesh S., Basavi P.K., Kakani V., Bathula C., Yadav H.M., Dhanapal P.B., Kotanka R.K.R., Pasupuleti V.R.	Scientific Reports	2022	
In-silico characterization of phytochemicals identified from Vitex negundo (L) extract as potential therapy for Wnt-signaling proteins	Gouthami K., Veeraraghavan V., Nagaraja P.	Egyptian Journal of Medical Human Genetics	2022	
A state-of-the-art review on the experimental investigations of bendable concrete	Solanki D.S., Kangda M.Z., Sarur S., Noroozinejad Farsangi E.	Journal of Building Pathology and Rehabilitation	2022	
Innovative feature selection and classification model for heart disease prediction	Nagarajan S.M., Muthukumaran V., Murugesan R., Joseph R.B., Meram M., Prathik A.	Journal of Reliable Intelligent Environments	2022	
Effect of Heat and Mass Transfer on a Couple Stress Fluid in an Asymmetric Channel with Peristalsis	Sreegowrav K.R., Indira R., Dinesh P.A., Gayathri M.S.	AIP Conference Proceedings	2022	
A Study on Curved Circular Plates with Micropolar Fluids	Anagod R.R., Joghya S.K., Naganagowda H.B.	AIP Conference Proceedings	2022	
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Non-Newtonian Ferrofluid Lubrication of Porous Annular Plates Under The Influence of Rotational Inertia	Joghya S.K., Naganagowda H.B., Ramanna P., Shivakumar V., Muniraju R.	AIP Conference Proceedings	2022	
Porous Rough Circular Stepped Plated Lubricated With Piezo-Viscous Dependency And Couple Stress Fluid	Vasanth K.R., Hanumagowda B.N.	AIP Conference Proceedings	2022	
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Design of IOT Enabled Integrative Biosensor to Detect Toxic Heavy Metal Contaminants in Water Reservoirs	Thirumala Akash K., Upendra R.S., Samvrudhi K., Ahmed M.R.	Water and Energy International	2022	
Using Multi-Label Multi-Class Support Vector Machines with Semantic and Lexical Features for Aspect Category Detection	Shanmugapriya G., Manasa Y., Mohammad A.B., Hasane Ahammad Sk.	International Journal on Recent and Innovation Trends in Computing and Communication	2022	
Tuning the Surface Functionality of Fe <sub>3</sub> O <sub>4</sub> for Sensitive and Selective Detection of Heavy Metal Ions	Manjunatha Kumara K.S., Nagaraju D.H., Yhobu Z., Nayan Kumar H.N., Budagumpi S., Kumar Bose S., Shivakumar P., Palakollu V.N.	Sensors	2022	
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Windmill Global Sourcing in an Initiative Using a Spherical Fuzzy Multiple-Criteria Decision Prototype	Raizah Z., Kodipalya Nanjappa U.K., Ajjipura Shankar H.U., Khan U., Eldin S.M., Kumar R., Galal A.M.	Energies	2022	
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Performing the classification of pulsation cardiac beats automatically by using CNN with various dimensions of kernels	Alagarsamy M., Vedam J.M.J., Shanmugam N., Eswaran P.M., Sankaraiyer G., Suriyan K.	International Journal of Reconfigurable and Embedded Systems	2022	

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Adaptive control-based Isolated bi-directional converter for G2V& V2G charging with integration of the renewable energy source	Singirikonda S., Obulesu Y.P., Kannan R., Reddy K.J., Kiran Kumar G., Alhakami W., Baz A., Alhakami H.	Energy Reports	2022	
A critical review on biomass-based sustainable biorefineries using nanobiocatalysts: Opportunities, challenges, and future perspectives	Saratale R.G., Cho S.-K., Bharagava R.N., Patel A.K., Varjani S., Mulla S.I., Kim D.S., Bhatia S.K., Ferreira L.F.R., Shin H.S., Saratale G.D.	Bioresource Technology	2022	
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Recent advances in on-site monitoring of heavy metal ions in the environment	Nayan Kumar H.N., Nagaraju D.H., Yhobu Z., Shivakumar P., Manjunatha Kumara K.S., Budagumpi S., Praveen B.M.	Microchemical Journal	2022	
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Synthesis and characterization of paraffin wax with carbon nanotubes and magnesium oxide	Venugopal J., Prathap L., Rao C.M.M.P., Alagesan J., Manjunatha L.H., Gangodkar D., Mohanavel V., Sathyamurthy R.	Energy Reports	2022	
Fake Review Detection and Emotion Recognition Based on Semantic Feature Selection with Bi-Directional Long Short Term Memory	Reddy R., Motagi A.U.	International Journal of Intelligent Engineering and Systems	2022	
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Implementation of biological fuel cells in treating pharmaceutical effluents	Chandrashekar P., Harshitha G.K., Ramanjinappa R., Manjula K.R., Mayegowda S.B.	Microbial Fuel Cell: Electricity Generation and Environmental Remediation	2022	

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Recent development in chemosensor probes for the detection and imaging of zinc ions: a systematic review	Sadananda D., Mallikarjunaswamy A.M.M., Prashantha C.N., Mala R., Gouthami K., Lakshminarayana L., Ferreira L.F.R., Bilal M., Rahdar A., Mulla S.I.	Chemical Papers	2022	
An adaptive TS-fuzzy model based RBF neural network learning for grid integrated photovoltaic applications	Priyadarshi N., Sanjeevikumar P., Bhaskar M.S., Azam F., Taha I.B.M., Hussien M.G.	IET Renewable Power Generation	2022	
Bioactivity and Pharmacological Potential of Date Palm (Phoenix dactylifera L.) Against Pandemic COVID-19: a Comprehensive Review	Ahmad Mohd Zain M.R., Abdul Kari Z., Dawood M.A.O., Nik Ahmad Ariff N.S., Salmuna Z.N., Ismail N., Ibrahim A.H., Thevan Krishnan K., Che Mat N.F., Edinur H.A., Abdul Razab M.K.A., Mohammed A., Mohamed Salam S.K.N., Rao P.V., Mohamad S., Hamat B., Zainal Abidin S., Seong Wei L., Ahmed Shokri A.	Applied Biochemistry and Biotechnology	2022	
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Resolving Topological Indices of Graphs	Sooryanarayana B., Chandrakala S.B., Roshini G.R., Kumar M.V.	Iranian Journal of Mathematical Chemistry	2022	
Correction to: New insights into the application of nanoghosts as theranostic tools with an emphasis on cardiovascular diseases (Journal of Nanoparticle Research, (2021), 23, 11, (254), 10.1007/s11051-021-05370-7)	Qindeel M., Sabir F., Sargazi S., Mohammadzadeh V., Mulla S.I.	Journal of Nanoparticle Research	2022	
Price Volatility Spillovers in Commodities Market: An Analytical Study of Selected Commodities	Pillai R., Lokanadha Reddy M.	Finance India	2022	

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Ensemble of constraint handling techniques for PV parameter extraction using differential evolutionary algorithms	Puttaramaiah A.K., Geethanjali P.	International Journal of Power Electronics and Drive Systems	2022	
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Co-biomass degradation of fluoranthene by marine-derived fungi; Aspergillus aculeatus and Mucor irregularis: Comprehensive process optimization, enzyme induction and metabolic analyses	Bankole P.O., Taghohor Omoni V., Mulla S.I., Adebajo S.O., Adekunle A.A.	Arabian Journal of Chemistry	2022	
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Social customer relationship management (S-CRM)	Sharma R., Rani A., Kumar M., Abrol S.	Social Customer Relationship Management (Social-CRM) in the Era of Web 4.0	2022	
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Data privacy preservation in MAC aware Internet of things with optimized key generation	Kalyani G., Chaudhari S.	Journal of King Saud University - Computer and Information Sciences	2022	
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Color tunable SrZrO <sub>3</sub> :Sm <sup>3+</sup> nanopowders with satisfactory photoluminescent, band engineering properties for warm white LEDs and advanced forensic applications	Sushma K.C., Kumar S., Nagaraju G., Aarti D.P., Reddy M.B.M., Rudresha M.S., Basavaraj R.B.	Journal of Molecular Structure	2022	

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Development of Protein Rich Pregelatinized Whole Grain Cereal Bar Enriched With Nontraditional Ingredient: Nutritional, Phytochemical, Textural, and Sensory Characterization	Allai F.M., Dar B.N., Gul K., Adnan M., Ashraf S.A., Hassan M.I., Pasupuleti V.R., Azad Z.R.A.A.	Frontiers in Nutrition	2022	
Recommendations based on Integrated Matrix Time Decomposition and Clustering Optimization	Raja D.R.K., Kumar G.H., Basha S.M., Ahmed S.T.	International Journal of Performability Engineering	2022	
A Study on Fish Classification Techniques using Convolutional Neural Networks on Highly Challenged Underwater Images	Sudhakara M., Meena M.J., Reddy O., Mahalakshmi V., Balobaid A.	International Journal on Recent and Innovation Trends in Computing and Communication	2022	
Electrochemical Detection of Uric Acid by using NiO Nanoparticles	Reddy K.G., Reddy S., Swamy B.E.K., Kumar M., Harish K.N., Naveen C.S., Kumar G.R., Aravinda T.	Analytical and Bioanalytical Electrochemistry	2022	
Semantic Feature Driven Consensus-Based Model for Software Reliability Assessment: A Reusability Sensitive Verification Paradigm	Parande P.V., Banga M.K.	International Journal of Engineering Trends and Technology	2022	
Improved Technique for Preserving Privacy While Mining Real Time Big Data	Chandrakar I., Hulipalled V.R.	International Journal of Communication Networks and Information Security	2022	
Comparative Study of Grain Size and Mechanical Properties of Die-cast and Spray Formed Al-4.5 wt. % Cu Alloys Deposit	Narayana Swamy K.S., Devaraj S., Chandra Mohan H.K.	Metallography, Microstructure, and Analysis	2022	
Design and development of learning model for compression and processing of deoxyribonucleic acid genome sequence	Gudodagi R., Reddy R.V.S., Ahmed M.R.	International Journal of Electrical and Computer Engineering	2022	
Preparation of self-assembled porous flower-like nanostructured magnetite (Fe <sub>3</sub> O <sub>4</sub> ) electrode material for supercapacitor application	Manikandan N., Lakshmi B., Shivakumara S.	Journal of Solid State Electrochemistry	2022	
Molecular docking studies for Vitex negundo (L) leaf extract compounds against Wnt- signalling proteins towards the treatment of colon cancer	Gouthami K., Veeraraghavan V., Lavanya L., Prashantha C.N.	Chemical Data Collections	2022	
Adaptive partitioning-based copy-move image forgery detection using optimal enabled deep neuro-fuzzy network	Mariappan G., Satish A.R., Reddy P.V.B., Maram B.	Computational Intelligence	2022	
Third-order nonlinear optical characteristics of Er <sup>3+</sup> -doped BaMoO <sub>4</sub> nanostructures	Sharath R.A., Rahulan K.M., Flower N.A.L., Sujatha R.A., Vinitha G., Rajeev L.R., Saha T., Prakashbabu D.	Journal of Materials Science: Materials in Electronics	2022	
Stochastic Reynolds equation for the combined effects of piezo-viscous dependency and squeeze-film lubrication of micropolar fluids on rough porous circular stepped plates	Naganagowda H.B., Karappan S.C.	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	2022	

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Tuning the non-linear optical absorption properties of Eu <sup>3+</sup> -doped NiWO <sub>4</sub> nanostructures	Karthika P.C., Sharath R.A., Angeline Little Flower N., Mani Rahulan K., Vinitha G., Sasidharan M., Prakashbabu D.	Journal of Materials Science: Materials in Electronics	2022	
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Palm tree structure based data aggregation and routing in underwater wireless acoustic sensor networks: Agent oriented approach	Krishnaswamy V., Manvi S.S.	Journal of King Saud University - Computer and Information Sciences	2022	
Bax/Bcl-2 Cascade Is Regulated by the EGFR Pathway: Therapeutic Targeting of Non-Small Cell Lung Cancer	Alam M., Alam S., Shamsi A., Adnan M., Elsbali A.M., Al-Soud W.A., Alreshidi M., Hawsawi Y.M., Tippana A., Pasupuleti V.R., Hassan M.I.	Frontiers in Oncology	2022	
Design and analysis of knuckle joint assembly under tensile loading condition	Nithin S.K., Hemanth K., Shamanth V., Mahale R.S.	AIP Conference Proceedings	2022	
Mechanical testing of spark plasma sintered materials: A review	Mahale R.S., Shamanth V., Hemanth K., Sharath P. C., Shashanka R.	AIP Conference Proceedings	2022	
Design and impact study of a composite material front bumper for an automobile	Kapanigowda N.S., Krishna H., Vasanth S., Mahale R.S., Patil A.	AIP Conference Proceedings	2022	
Highly efficient catalysts of ruthenium clusters on Fe <sub>3</sub> O <sub>4</sub> /MWCNTs for the hydrogen evolution reaction	Ramachandra S.K., Nagaraju D.H., Marappa S., Kapse S., Thapa R.	New Journal of Chemistry	2022	
Therapeutic Implications of Caffeic Acid in Cancer and Neurological Diseases	Alam M., Ahmed S., Elsbali A.M., Adnan M., Alam S., Hassan M.I., Pasupuleti V.R.	Frontiers in Oncology	2022	
Potential Therapeutic Implications of Caffeic Acid in Cancer Signaling: Past, Present, and Future	Alam M., Ashraf G.M., Sheikh K., Khan A., Ali S., Ansari M.M., Adnan M., Pasupuleti V.R., Hassan M.I.	Frontiers in Pharmacology	2022	
Unravelling the Molecular Interaction of Pentoxifylline with Calf Thymus DNA: A Multitechnique Approach	Mallappa M., Savanur M.A., Gowda B.G., Reddy M.B.M., Mulla S.I.	ChemistrySelect	2022	
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Hepatoprotective Potential of Malaysian Medicinal Plants: A Review on Phytochemicals, Oxidative Stress, and Antioxidant Mechanisms	Venmathi Maran B.A., Iqbal M., Gangadaran P., Ahn B.-C., Rao P.V., Shah M.D.	Molecules	2022	
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Aspect based sentiment analysis and smart classification in uncertain feedback pool	Kumar V.V., Raghunath K.M.K., Muthukumaran V., Joseph R.B., Beschi I.S., Uday A.K.	International Journal of System Assurance Engineering and Management	2022	
Cross Layer Security MAC Aware Routing Protocol for IoT Networks	Kalyani G., Chaudhari S.	Wireless Personal Communications	2022	
Convolutional neural networks in medical image understanding: a survey	Sarvamangala D.R., Kulkarni R.V.	Evolutionary Intelligence	2022	
Tetragonal structure and dielectric behaviour of rare-earth substituted La <sub>0.8</sub> Co <sub>0.16-x</sub> Eu <sub>0.04</sub> Gd <sub>x</sub> TiO <sub>3</sub> (x = 0.04–0.16) nanorods	Kumar N.S., Suvarna R.P., Krishna Reddy K.R., Babu T.A., Ramesh S., Shiva Reddy B.V., Manjunatha H., Babu Naidu K.C.	Materials Chemistry and Physics	2022	
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Experimental Investigation of Scouring Around Circular Piers with Different Opening Ratios	Sathe S., Kangda Z., Mate N., Chandraprakash K.	International Journal of Performability Engineering	2022	
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Evolutionary tree-based quasi identifier and federated gradient privacy preservations over big healthcare data	Krishna S., Murthy U.V.	International Journal of Electrical and Computer Engineering	2022	
Bioelectrochemical technologies for removal of xenobiotics from wastewater	Gupta S.K., Rachna, Singh B., Mungray A.K., Bharti R., Nema A.K., Pant K.K., Mulla S.I.	Sustainable Energy Technologies and Assessments	2022	
Spectral change and far-red emission of Mn <sup>2+</sup> ions co-doped NaSrB <sub>5</sub> O <sub>9</sub> :Dy <sup>3+</sup> luminescence material for plant growth LEDs	Munirathnam K., Mallikarjuna K., Vijaya R., Nagajyothi P.C., Reddy K.R., Srinivas M.	Journal of Rare Earths	2022	
Decolorization of amaranth RI and fast red E azo dyes by thermophilic Geobacillus thermoleovorans KNG 112	Rajashekarappa K.K., Mahadevan G.D., Neelagund S.E., Sathynarayana M., Vijaya D., Mulla S.I.	Journal of Chemical Technology and Biotechnology	2022	
Approaches of overproduction and purification of pleurotus laccase for the treatment of sugarcane vinasse	Junior J.A., da Silva Vilar D., Santana C.E.M., Bharagava R.N., Bilal M., Mulla S.I., Arora P.K., Lima A.S., de Souza R.L., Ferreira L.F.	Innovative Bio-Based Technologies for Environmental Remediation	2022	
Recent advances in the chemistry of the phosphoethynolate and arsaethynolate anions	Basappa S., Bhawar R., Nagaraju D.H., Bose S.K.	Dalton Transactions	2022	
Examining the structural relationship between employee branding, TQHRM and sustainable employability outcome in Indian organized retail	Itam U.J., Swetha M.	TQM Journal	2022	
A review: electrical and gas sensing properties of polyaniline/ferrite nanocomposites	Ramakrishnaiah T., Gunderi Dhananjaya P., Vakwadi Sainagesh C., Reddy S., Kumaraswamy S., Chikkahanumajja Surendranatha N.	Sensor Review	2022	
Retraction Note: An efficient human tracking system using Haar-like and hog feature extraction (Cluster Computing, (2019), 22, S2, (2993-3000), 10.1007/s10586-018-1747-5)	Prasanna D., Prabhakar M.	Cluster Computing	2022	
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Interference Aware Routing in 5G Backhaul Wireless Mesh Networks	Benni N.S., Manvi S.S.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Flight Delay Prediction for Indian Air Carriers with Explainable Artificial Intelligence	Singh J., Jayaprakash M.D., Agarwal R.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	

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Social Media Event Summarization using Neural Networks	Yadala S., Gurram A., Yamunadevi S., Veeresh U., Latha S.B., Chitti T.N.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
A Survey of Saga Frameworks for Distributed Transactions in Event-driven Microservices	Koyya K.M., Muthukumar B.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Detection of Malicious Nodes in Flying Ad-hoc Network with Supervised Machine Learning	Tangade S., Kumaar R.A., Malavika S., Monisha S., Azam F.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Waste Segregation using IoT and Image Recognition	Rashmi C., Jha R.K., Chatterjee R., Kamthane S.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Road Condition Monitoring and Information System: Survey	Kodabagi M., Pavithra S., Bhavana N., Rakshitha H.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Product Affinity Analysis to Increase Sales using Machine Learning	Joseph S., Mithun D.J., Agarwal R.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Electrical Equivalent Circuit Modeling of Lithium-Ion Battery	Bairwa B., Pareek K., Manohar K.A., Nanditha Varshini E.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Recent Security Challenges in Agriculture Applications in Smart Agriculture: A Survey	Kavya M., Geetha D.D.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Fertilizer Quality Assessment Methods for Sustainable Agriculture	Thirumala Akash K., Upendra R.S., Ahmed M.R., Mathias S., Ananya R., Nayak D., Bhaskar S., Dabke Y.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Design and Development of Low Power High Performance Current Limiting Voltage Level Shifter for IoT Applications	Raji C., Kumar H.H.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Hyperspectral Image Acquisition Methods and Processing Techniques Based on Traditional and Deep Learning Methodologies-A Study	Swarupa V.V.S., Devanathan M.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	
Analysis on Attributes of Software Defined Radio for Space Communication	Anil Kumar S.C., Devanathan M., Chaithra T., Divya M.L., Anitha H., Kumar A.	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	2022	

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Customer Following Trolley using ESP32	Ranjith R., Naveen S.	2022 International Conference on Futuristic Technologies, INCOFT 2022	2022	
Virtual Air Canvas Using OpenCV and Mediapipe	Ramachandra H.V., Balaraju G., Deepika K., Navya M.S., Sebastian S.R.	2022 International Conference on Futuristic Technologies, INCOFT 2022	2022	
Analysis of Principal Component Analysis Algorithm for Various Datasets	Naveen S., Omkar A., Goyal J., Gaikwad R.	2022 International Conference on Futuristic Technologies, INCOFT 2022	2022	
MOBILE PHONE RECOMMENDER USING MULTI CRITERIA DECISION MAKING ALGORITHM	Ragaventhiran J., Sindhuja M., Prasath N., Muthu Kumar B., Islabudeen M.	Malaysian Journal of Computer Science	2022	
AN UNSUPERVISED MALWARE DETECTION SYSTEM FOR WINDOWS BASED SYSTEM CALL SEQUENCES	Ragaventhiran J., Vigneshwaran P., Kodabagi M.M., Ahmed S.T., Ramadoss P., Megantoro P.	Malaysian Journal of Computer Science	2022	
Design and analysis of EV Charging Station using PV Integrated Battery System	Ballaji A., Dash R., Subburaj V., Reddy K.J., Swain S.C., Bharat M.	2022 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2022	2022	
Implementation of Synthetic Artificial Human Like Voice Over Robotic Voice	Mithun S., Niharika P., R Bharamagoudra M.	2022 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2022	2022	
Analysis of Low Power DC-Motor Drive Control Using Fractional Order PI Controller	Amarkhed M.S., Dash R., Rachana M.S., Muktheesh A., Meghana K., Swain S.C.	2022 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2022	2022	
Design and Analysis of MPPT using Advanced PSO based on Fuzzy Fokker Planck Solution under Partial Shading Condition	Patnaik B., Swain S.C., Ballaji A., Dash R.	2022 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2022	2022	
Design and Development of Negative Conversion Ratios Using Capacitor Topology by Selecting Different Arbitrary Condition	Saahithi S., Naveenya N., Sonika S.R., Sree H.N., Gagandeepa S.D., Subburaj V.	Proceedings - 2nd International Conference on Next Generation Intelligent Systems, ICNGIS 2022	2022	
Enhancement of Water Purification Process Using Smart IoT Monitoring System	Thirumala Akash K., Vinay S.V., Ahmed M.R.	Proceedings - 2022 4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022	2022	
Smart Fire Detection System with Call Alert and Water Sprinkler Unit Using IoT	Ranjith R., Naveen S.L.	Proceedings - 2022 4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022	2022	

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Foretelling of space-time PM2.5Air pollutant using Machine Learning	Mahalakshmi, MAbdul Haq N.	Proceedings - 2022 4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022	2022	
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Electrode materials for EDLC and pseudocapacitors	Ashritha M.G., Hareesh K.	Smart Supercapacitors: Fundamentals, Structures, and Applications	2022	
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Improving the Performance of Speech Recognition feature selection using Northern Goshawk Optimization	Santosh Kumar S., Bharathi S.H.	International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings	2022	
Design & study of quadrature hybrid 4 port network for matching, isolation, and coupling around the operating frequency	Pradeep Kumar K., Kiran Kumar A., Srinidhi N.N., Itagi S.	International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings	2022	
Locating Cyberbullying and Mental Health in the Recent Literature	Mubashir M., Nasrin T.	Tripodos	2022	
A Novel Approach of Smart Contract based Distributed Ledger Technology using Deep Learning Techniques to Secure Medical Images	Chandini A.G., Basarkod P.I.	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022	2022	
Development of Solar Coupled Synchronous Buck Converter	Potturi S., Bairwa B., Mallikarjuna K., Mayur C.	4th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022	2022	
Anomaly Detection in Surveillance Videos Using Deep Learning	Nithesh K., Tabassum N., Geetha D.D., Kumari R.D.A.	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022	2022	
Feature Selection Based Naïve Bayes Algorithm for Twitter Sentiment Analysis	Aruna T.M., Asha K., Divyaraj G.N., Pareek P.K.	4th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022	2022	
Development of IoT Based GSM Controller for Agriculture Applications	Bairwa B., Reddy K.Y., Deva D., Kavya K., Manohar K.A.	4th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022	2022	

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A Practical Approach of Recognizing and Detecting Traffic Signs using Deep Neural Network Model	Geetha Rani E., Bellam T., Mounika E., Bhuvaneshwari P., Gopala Krishnan C., Anusha D.	4th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022	2022	
Prediction of Experimental Yield during Transesterification of Mahua Oil Biodiesel Using Artificial Neural Network	Kapilan N., Balaji S., Manoi I.V.	4th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022	2022	
Deep Learning based Handwritten Arithmetic Equation Solver	Karegowda A.G., Leenarani A., Poornima D., Pooja R., Bhatt S., Bharathi P.T.	4th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022	2022	
Switched Capacitor MLI Design Ideology with Less number of Switches using Hysteresis Bandwidth Control	Saahithi S., Raghu C.N., Reddy J., Dash R., Subburaj V.	2022 IEEE International Power and Renewable Energy Conference, IPRECON 2022	2022	
RDI-SD: An Efficient Rice Disease Identification based on Apache Spark and Deep Learning Technique	Prasad M.S.G., Pratap M.S., Jain P., Gujjar J.P., Kumar M.A., Kukreti A.	International Conference on Artificial Intelligence and Data Engineering, AIDE 2022	2022	
Smart Cart Powered by Artificial Intelligence	Samantaray R.R., Hegde N., Azeez A., Fathima A., Prasad S., Surendiran J.	Proceedings of the 2022 3rd International Conference on Communication, Computing and Industry 4.0, C2I4 2022	2022	
Impact of Ujjwala yojana Scheme and Its effect on Behavioural Changes Among Rural women	Selvam V., Ashok D., Rajamanoharan I.D., Rajalakshmi V., Vidhya K.	International Journal of Asian Business and Information Management	2022	
Teleconsultation and Human Parameter Monitoring system using Arduino UNO and NODE MCU	Samantaray R.R., Azeez A., Hegde N., Surendiran J., Mohammadi S.H., Tabassum Z.	Proceedings of the 2022 3rd International Conference on Communication, Computing and Industry 4.0, C2I4 2022	2022	
StaVen: A Secure and Lightweight PWA for Traffic Facilitation	Sathyaprakash B.P., Nilange P., Prathab S., Prajwal P., Manoj S.K.	4th International Conference on Circuits, Control, Communication and Computing, I4C 2022	2022	
Automation of Server Security Assessment	Varun C.P., Agarwal R.	4th International Conference on Circuits, Control, Communication and Computing, I4C 2022	2022	
A Hybrid Qualitative and Quantitative Approach for Automatic Short Answer Grading Using Classification Algorithms	Sree Lakshmi P., Simha J.B.	4th International Conference on Circuits, Control, Communication and Computing, I4C 2022	2022	
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Heart Disease Prediction and Classification using Machine Learning and Transfer Learning Model	Sivaprasad R., Hema M., Ganar B.N., Sunil D.M., Mehta V., Fahlevi M.	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	2022	
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An Efficient Ensemble Method Using K-Fold Cross Validation for the Early Detection of Benign and Malignant Breast Cancer	Mahesh T.R., Kaladevi A.C., Balajee J.M., Vivek V., Prabu M., Muthukumar V.	International Journal of Integrated Engineering	2022	
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OIDCBMS: A Novel Neural Network based Intrusion Detection System to Cloud Computing based on New Cube Algorithm	Srilatha D., Thillaiarasu N.	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	2022	
DDoSNet: A Deep Learning Model for detecting Network Attacks in Cloud Computing	Srilatha D., Thillaiarasu N.	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	2022	
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Smart DS-CDMA receiver based on feed forward neural network	Drakshayini M.N., Kounte M.R.	Advances in Parallel Computing	2022	
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Correction to: Multifunctional biogenic Al-doped zinc oxide nanostructures synthesized using bioreductant chaetomorpha linum extricate exhibit excellent photocatalytic and bactericidal ability in industrial effluent treatment (Biomass Conversion and Biorefinery, (2022), 10.1007/s13399-022-03177-7)	Somu P., Khanal H.D., Gomez L.A., Vinaykumar R., Shim J.-J., Lee Y.R.	Biomass Conversion and Biorefinery	2022	
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An Improved Deep Residual Convolutional Neural Network for Plant Leaf Disease Detection	Pandian J.A., Kanchanadevi K., Rajalakshmi N.R., G.arulkumar	Computational Intelligence and Neuroscience	2022	
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OCR of Kannada Characters Using Deep Learning	Kashyap A., Kumara B A.	International Conference on Trends in Electrical, Electronics, Computer Engineering, TEECCON 2022	2022	
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Comparative Analysis of Control Strategies for Dynamic Voltage Restorer	Bairwa B., Raghu C.N., Ashwini Kumari P., Oommen S.	International Conference on Trends in Electrical, Electronics, Computer Engineering, TEECCON 2022	2022	
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Performance comparison of T-ZSI, ZSI and VSI based on the power loss during switching operation of installed power IGBT switch for EV Applications	Bharat M., Murty A.S.R.	International Conference on Trends in Electrical, Electronics, Computer Engineering, TEECCON 2022	2022	
DC-Microgrid Fault Detection & Classification Using ANN Enabled BAT Algorithm	Pati S.B., Barik S.K., Kundu S., Dash R., Ballajhi A.	International Conference on Trends in Electrical, Electronics, Computer Engineering, TEECCON 2022	2022	

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A Study on Effect of GHG on the Performance of Grid Connected Solar PV System	Patnaik B., Swain S.C., Dash R.	Proceedings - 3rd IEEE India Council International Subsections Conference: Impactful Innovations for Benefits of Society and Industry, INDISCON 2022	2022	
A Review on Water Tree Phenomenon and Incipient Fault in Underground Cable	Mishra S., Routray A., Swain S.C., Dash R.	International Conference on Trends in Electrical, Electronics, Computer Engineering, TEECCON 2022	2022	
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Skillsets and attributes for enhanced teaching-learning outcomes at higher educational institutions in disruptive times	Khandelwal P., Shankar P., Siddiraju U.R.	Academic Voices: A Conversation on New Approaches to Teaching and Learning in the post-COVID World	2022	
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Multi-class Sentiment Analysis Over Social Networking Applications Using Text and Emoji-based Features	Reddy R., Ashwin Kumar U.M.	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022	2022	
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Hyperspectral Image Classification using Digital Signature Comparison based Classifier	Sunkara R., Singh A.K., Kadambi G.R., Prameela Kumari N.	IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2022	2022	
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Wearable Smart Heart Monitor using IOT	Das S., Richard R., Magalaxmi N., Charan S., Ravindra C.	IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2022	2022	
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Comparative Study of Activation Functions and Their Impact on the YOLOv5 Object Detection Model	Doherty J., Gardiner B., Kerr E., Siddique N., Manvi S.S.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2022	
The Performance Evaluation of NOMA for 5G Systems Using Automatic Deployment of Multi Users	Suprith P.G., Ahmed M.R.	International Journal of Electronics and Telecommunications	2022	
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Resistance against sulphate attack in concrete by addition of nano alumina	Sathe S., Zain Kangda M., Amaranatha G.A.	Materials Today: Proceedings	2022	
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Classification of Medical Health Records Using Convolutional Neural Networks for Optimal Diagnosis	Chaithra M.H., Vagdevi S.	Lecture Notes in Networks and Systems	2022	
High-power DC-DC converter with proposed HSFNA MPPT for photovoltaic based ultra-fast charging system of electric vehicles	Priyadarshi N., Bhaskar M.S., Sanjeevikumar P., Azam F., Khan B.	IET Renewable Power Generation	2022	
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FCN Network-Based Weed and Crop Segmentation for IoT-Aided Agriculture Applications	Kamal S., Shende V.G., Swaroopa K., Bindhu Madhavi P., Akram P.S., Pant K., Patil S.D., Sahile K.	Wireless Communications and Mobile Computing	2022	
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Design and development of Interdigital Band pass filter for L-Band Wireless Communication Applications	Dora G.R.K., Biradar R.C., Prakruthi M.	Proceedings of IEEE 2022 4th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2022	2022	
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Highly Accurate Static Hand Gesture Recognition Model Using Deep Convolutional Neural Network for Human Machine Interaction	Babu U.S., Raganna A., Vidyasagar K.N., Bharati S.H., Kumar G.	Proceedings of IEEE 2022 4th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2022	2022	
Technology Trends in Transmit Receive Modules for Synthetic Aperture Radar Satellites	Chippalkatti V.S., Biradar R.C., Rana S.S.	Proceedings of IEEE 2022 4th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2022	2022	
DV-Hop Propagation Based Localization in Wireless Sensor Networks	Saifuddin K.M., Devanagavi G.D.	Proceedings of IEEE 2022 4th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2022	2022	
Establishment of Ground Station for two-way Communication via Geostationary Amateur Radio Satellite	Joel A.K.T., Chandan M.N., Charan Yadav N.P., Reddy P.K.Y., Devanathan M.	Proceedings of IEEE 2022 4th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2022	2022	
Analysis of Leakage Current Mechanism in Supercapacitor with Experimental Approach	Bairwa B., Pareek K., Sarvagya M., Yarangatti U.R.	Proceedings of IEEE 2022 4th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2022	2022	
Conceptual design of a quadruped wheel-legged robot for an autonomous terrestrial locomotion	Kouame Yann Olivier A., Biradar R.C., Devanagavi G.D.	Proceedings of IEEE 2022 4th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2022	2022	

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Damage resistance evaluation of E-glass and hybrid hemp-banana natural fiber composite helmet using drop weight impact test	Ravi Y.V., Kapilan N., Rajole S., Balaji Y.S., Varun Kumar Reddy N., Venkatesha B.K.	Materials Today: Proceedings	2022	
An Empirical Analysis of Receiver's Psychological Characteristics in eWOM Engagement	Rani A., Shivaprasad H.N.	International Journal of Cyber Behavior, Psychology and Learning	2022	
Hybrid controller design using gain scheduling approach for compressor systems	Narasimhaiah D.M., Narayanappa C.K., Lakshmaiah G.S.	International Journal of Electrical and Computer Engineering	2022	
Microgrid Architecture with Hybrid Storage Elements and Its Control Strategies	Ankaiah B., Oommen S., Harsha Vardhini P.A.	Lecture Notes in Networks and Systems	2022	
Integrated dominating and hit set-inspired unequal clustering-based data aggregation in wireless sensor networks	Vennira Selvi G., Muthukumaran V., Kaladevi A.C., Satheesh Kumar S., Swapna B.	International Journal of Intelligent Computing and Cybernetics	2022	
Machine Learning Technique to Detect and Classify Mental Illness on Social Media Using Lexicon-Based Recommender System	Sumathy B., Kumar A., Sungeetha D., Hashmi A., Saxena A., Kumar Shukla P., Nuagah S.J.	Computational Intelligence and Neuroscience	2022	
Unstructured Oncological Image Cluster Identification Using Improved Unsupervised Clustering Techniques	Kumar S.S., Ahmed S.T., Xin Q., Sandeep S., Madheswaran M., Basha S.M.	Computers, Materials and Continua	2022	
Linguistic Information for Decision-Making Using SVM	Dash R., Dash D.K., Panda R.S.	Lecture Notes on Data Engineering and Communications Technologies	2022	
Gaussian Regression Models for Evaluation of Network Lifetime and Cluster-Head Selection in Wireless Sensor Devices	George A.M., Kulkarni S.Y., Kurian C.P.	IEEE Access	2022	
Hybrid Model Using K-Means Clustering for Volumetric Quantification of Lung Tumor: A Case Study	Ranjitha U.N., Gowtham M.A.	Smart Innovation, Systems and Technologies	2022	
Water Soaking and Re-Drying Effect on Mechanical and Wear Properties of Nanoclay-Polyester Nanocomposites	Kini A., Shettar M., Kowshik S., Nikhil R., Chate G.	Materials Research	2022	
Switching transient analysis for low voltage distribution cable	Mishra S., Swain S.C., Dash R.	Open Engineering	2022	
Detection and localization of brain tumors using Fractional Hartley Transform and adaptive neuro-fuzzy inference system classification methods	Nagabushanam M., Nandeesh G.S., Venkateshappa, Vijayarajeswari R.	Journal of Ambient Intelligence and Humanized Computing	2022	
Study of in vitro activity on glucose uptake of 3T3L1 cells, RIN5f cells, and glycemic index stimulation inhibitory effect of Abutilon indicum (L.) extract	Lavanya L., Veeraraghavan V., Srihari R., Prashantha C.N.	Journal of Applied Biology and Biotechnology	2022	
Dynamics of ferromagnetic due to nonlinear thermal buoyancy when Cattaneo-Christov heat flux and magnetic dipole whose magnetic scalars are significant	Sreelakshmi T.K., Abraham A., Chethan A.S., El-Zahar E.R., Raju C.S.K., Raju B.T., Shah N.A.	Waves in Random and Complex Media	2022	

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Morphological and mechanical properties of short fibres reinforced hybrid composites for automotive applications	Dilip Kumar K., Shantharaja M., Kumar N., Manjunatha G.	Materials Today: Proceedings	2022	
Importance of condition monitoring in mechanical domain	Nithin S.K., Hemanth K., Shamanth V., Shrinivas Mahale R., Sharath P.C., Patil A.	Materials Today: Proceedings	2022	
Non-enzymatic Catalytic Oxidation of Glucose and Dual Mode Sensing by Fluorescence/Electrochemical Methods Using MO-GO Composites (MO = ZnO, CuO, NiO and Co <sub>3</sub> O <sub>4</sub> )	Hari Krishna R., Chandraprabha M.N., Mamatha G.M., Mallappa M., Kundagol D., Manjunatha C.	Topics in Catalysis	2022	
An in silico ADMET, molecular docking study and microwave-assisted synthesis of new phosphorylated derivatives of thiazolidinedione as potential anti-diabetic agents	Addanki H.R., Vallabhaneni M.R., Chennamsetty S., Pullagura P., Sagurthi S.R., Pasupuleti V.R.	Synthetic Communications	2022	
Design and Implementation of Deep Depth Decision Algorithm for Complexity Reduction in High Efficiency Video Coding (HEVC)	Joy H.K., Kounte M.R., Sujatha B.K.	International Journal of Advanced Computer Science and Applications	2022	
Utilization of IoT-assisted computational strategies in wireless sensor networks for smart infrastructure management	Karthick Raghunath K.M., Koti M.S., Sivakami R., Vinoth Kumar V., NagaJyothi G., Muthukumaran V.	International Journal of Systems Assurance Engineering and Management	2022	
Distributing the Cloud into Fog and Edge: New Weather in IoT Based Deep Learning	Naveen S., Kounte M.R.	Lecture Notes in Networks and Systems	2022	
Force-Deformation Study on Glass Fiber Reinforced Concrete Slab Incorporating Waste Paper	Praburanganathan S., Sudharsan N., Bharath Simha Reddy Y., Naga Dheeraj Kumar Reddy C., Natrayan L., Paramasivam P.	Advances in Civil Engineering	2022	
Robust Node Localization with Intrusion Detection for Wireless Sensor Networks	Punithavathi R., Thanga Selvi R., Latha R., Kadiravan G., Srikanth V., Shukla N.K.	Intelligent Automation and Soft Computing	2022	
Synthesis, Structural, Morphological and I-V Characteristics of Polyaniline-MgCl Composite	Madihally N., Geetha T., Sushma P., Jayadev P., Mahesh H.M.	Materials Science Forum	2022	
Smart Farm Water Requirement Analysis Using Machine Learning	Akshay Sunny R., Jyosthna R., Melvin Raj R., Manoj M.	Lecture Notes in Networks and Systems	2022	
Credit card fraud detection using moth-flame earth worm optimisation algorithm-based deep belief neural network	Deepika S., Senthil S.	International Journal of Electronic Security and Digital Forensics	2022	
Paddy Plant Disease Recognition, Risk Analysis, and Classification Using Deep Convolution Neuro-Fuzzy Network	Vinoth Kumar V., Karthick Raghunath K.M., Rajesh N., Venkatesan M., Joseph R.B., Thillaiarasu N.	Journal of Mobile Multimedia	2022	
Vinasse bio-valorization for enhancement of Pleurotus biomass productivity: chemical characterization and carbohydrate analysis	Aguiar M.M., Wadt L.C., Vilar D.S., Hernandez-Macedo M.L., Kumar V., Monteiro R.T.R., Mulla S.I., Bharagava R.N., Iqbal H.M.N., Bilal M., Ferreira L.F.R.	Biomass Conversion and Biorefinery	2022	



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Cyberbullying in Online/E-Learning Platforms Based on Social Networks	Balaji N., Karthik Pai B.H., Manjunath K., Venkatesh B., Bhavatarini N., Sreenidhi B.K.	Lecture Notes in Networks and Systems	2022	
Finger Vein Recognition Model for Biometric Authentication Using Intelligent Deep Learning	Madhusudhan M.V., Udaya Rani V., Hegde C.	International Journal of Image and Graphics	2022	
Design of a Confidentiality Model Using Semantic-Based Information Segmentation (SBIS) and Scattered Storage in Cloud Computing	Thillaiarasu N., Gowthaman N., Chenthur Pandian S.	EAI/Springer Innovations in Communication and Computing	2022	
Internet of Everything (IoE) in Smart City Paradigm Using Advanced Sensors for Handheld Devices and Equipment	Malini P., Gowthaman N., Gautami A., Thillaiarasu N.	EAI/Springer Innovations in Communication and Computing	2022	
A study on structural analysis and magnetic behaviour of barium hexaferrite nanomaterial: Classical ferromagnetic material under thermal treatment	Thiyagaraj S., Samaje V.V., Kambhala N., Ferdinand A.C., Munirathnam K.	Applied Physics A: Materials Science and Processing	2022	
Routing of Flits in Parallel Input Interface Scenario in a Generalized Network-On-Chip Framework Using Wormhole Flow Control Algorithm	Uma R., Sarojadevi H., Sanju V.	Lecture Notes in Electrical Engineering	2022	
LoRaWAN-Based Communication Protocol for Wearable Safety Devices in Mining Fields	Karant N., Choudhary D., Reddy J.F., Athulla U.	Lecture Notes in Electrical Engineering	2022	
Deep CNN Depth Decision in Intra Prediction	Joy H.K., Kounte M.R.	Lecture Notes in Electrical Engineering	2022	
COVID-19: comprehensive review on mutations and current vaccines	Hebbani A.V., Pulakuntla S., Pannuru P., Aramgam S., Badri K.R., Reddy V.D.	Archives of Microbiology	2022	
Problem Solving Techniques Using Ant Colony Optimization in Computational Intelligence	Kounte M.R., Niveditha E., Afrose K., Sai Sudeshna A.	Lecture Notes in Electrical Engineering	2022	
Effect of carbon nanotubes on microhardness and adhesion strength of high-velocity oxy-fuel sprayed NiCr–Cr <sub>3</sub> C <sub>2</sub> coatings	Kuruba M., Gaikwad G., Natarajan J., Koppad P.G.	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	2022	
Integration of IoT based routing process for food supply chain management in sustainable smart cities	Nagarajan S.M., Deverajan G.G., Chatterjee P., Alnumay W., Muthukumaran V.	Sustainable Cities and Society	2022	
Novel Heuristic Scheme to Enforce Safety and Confidentiality Using Feature-Based Encryption in Multi-cloud Environment (MCE)	Thillaiarasu N., Pandian S.C., Gowthaman N.	EAI/Springer Innovations in Communication and Computing	2022	
Joint Position Estimation and Synchronization of Clocks in WSN	Tabassum N., Geetha D.D., Biradar R.C.	Lecture Notes in Networks and Systems	2022	
A Hybridized Machine Learning Model for Optimal Feature Selection and Attack Detection in Cloud SaaS Framework	Saisindhutheja R., Shyam G.K.	Lecture Notes in Networks and Systems	2022	
A Robust Communication Strategy for Inter-Cloud Networking Environment through Augmented Network-Aware and Multiparameter Assistance	Suhaas K.P., Senthil S.	EAI/Springer Innovations in Communication and Computing	2022	

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Investigations on Compression Behaviour of Short Reinforced NSC Columns	Sanjith J., Prabhakara R., Sudarshan M.S., Jayachandra	Lecture Notes in Civil Engineering	2022	
The onset of Darcy–Brinkman–Rayleigh–Benard convection in a composite system with thermal diffusion	Sumithra R., Komala B., Manjunatha N.	Heat Transfer	2022	
Blockchain Enterprise: Use Cases on Multiple Industries	Narayanaswamy T., Karthika P., Balasubramanian K.	EAI/Springer Innovations in Communication and Computing	2022	
Bi-level flow based anomalous activity identification system for iot devices	Babu M.R., Veena K.N.	Journal of Mobile Multimedia	2022	
Analysis of Effect of Machining Parameters on Surface Roughness and MRR of AA3003/SiC Composite Material	Patil S., Nagamadhu M., Anand Babu K., Kivade S.B., Veerbhadrappa T.	Lecture Notes in Mechanical Engineering	2022	
Optimization of precoder and combiner in mmwave hybrid beamforming systems for multi-user downlink scenario	Nalband A.H., Sarvagya M., Ahmed M.R.	Journal of Applied Science and Engineering (Taiwan)	2022	
Direct Torque Control of BOOST-VSI Fed Induction Motor Using SVPWM-PAM Technique	Potturi S., Mandi R.P.	Smart Innovation, Systems and Technologies	2022	
AKIRA—A Voice Based Virtual Assistant with Authentication	Bhonsle V.S., Thota S., Thota S.	Smart Innovation, Systems and Technologies	2022	
Development and performance analysis of novel cast aa7076-graphene amine-carbon fiber hybrid nanocomposites for structural applications	Patil A., Banapurmath N.R., Hunashyal A.M., Meti V.K.V., Mahale R.S.	Biointerface Research in Applied Chemistry	2022	
Tribological characteristics of Al6061, boron, and graphite hybrid metal matrix composites	Nagesh D., Raghavendra S., Sivaram N.M., Suresh S., Manjunatha B., Sanketh S.	Advances in Materials and Processing Technologies	2022	
Effect of microstructure, mechanical and wear on Al-CNTs/graphene hybrid MMC'S	Naik H R M., L H M., Malik V., Patel GC M., Saxena K.K., Lakshmikanthan A.	Advances in Materials and Processing Technologies	2022	
An enhanced mutual authentication and security protocol for IoT and cloud server	Panda P.K., Chattopadhyay S.	Information Security Journal	2022	
Predictive medicinal metabolites from Momordica dioica against comorbidity related proteins of SARS-CoV-2 infections	Sakshi C., Harikrishnan A., Jayaraman S., Choudhury A.R., Veena V.	Journal of Biomolecular Structure and Dynamics	2022	
Sequential One-Pot Synthesis of 2-Aminothiazoles Using Corresponding Ketones: Insights into Their Structural Features	Nagarajaiah H., Prasad N.L., Begum N.S.	Polycyclic Aromatic Compounds	2022	
Niger seed oil biodiesel as an emulsifier in diesel-ethanol blends for compression ignition engine	Srikanth H.V., Godiganur S., Manne B., Bharath Kumar S., Spurthy S.	International Journal of Ambient Energy	2022	
A secure cluster-based authentication and key management protocol for machine-type communication in the LTE network	Krishna Jyothi K., Chaudhari S.	International Journal of Computers and Applications	2022	

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<b>2017-18</b>				
A survey on authentication schemes in VANETs for secured communication	Manvi, Sunilkumar S.; Tangade, Shrikan	VEHICULAR COMMUNICATIONS	2017	
A miniaturized metamaterial slot antenna for wireless applications	Ali, Tanweer; Saadh, A. W. Mohammad; Biradar, R. C.; Anguera, Jaume; Andujar, Aurora	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2017	
A COMPACT MULTIBAND ANTENNA USING $\lambda/4$ RECTANGULAR STUB LOADED WITH METAMATERIAL FOR IEEE 802.11N AND IEEE 802.16E	Ali, Tanweer; Biradar, Rajashekhar. C.	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2017	
A COMPACT HEXAGONAL SLOT DUAL BAND FREQUENCY RECONFIGURABLE ANTENNA FOR WLAN APPLICATIONS	Ali, Tanweer; Biradar, Rajashekhar C.	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2017	
Metal ion-containing C <sub>3</sub> N <sub>3</sub> S <sub>3</sub> coordination polymers chemisorbed to a copper surface as acid stable hydrogen evolution electrocatalysts	Vishwanath, R. S.; Kandaiah, Sakthivel	JOURNAL OF MATERIALS CHEMISTRY A	2017	
Bio-based diluents improve cold flow properties of dairy washed milk-scum biodiesel	Srikanth, H. V.; Venkatesh, J.; Godiganur, Sharanappa; Venkateswaran, S.; Manne, Bhaskar	RENEWABLE ENERGY	2017	
Relevance of microRNA 21 in Different Types of Hypertension	Sekar, Durairaj; Shilpa, B. R.; Das, Anupam J.	CURRENT HYPERTENSION REPORTS	2017	
Eco-concrete for sustainability: utilizing aluminium dross and iron slag as partial replacement materials	Javali, Shriraksha; Chandrashekar, A. R.; Naganna, Sujay Raghavendra; Manu, D. S.; Hiremath, Parameshwar; Preethi, H. G.; Kumar, N. Vinod	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY	2017	
Event driven energy depth and channel aware routing for underwater acoustic sensor networks: Agent oriented clustering based approach	Bharamagoudra, Manjula R.; Manvi, SunilKumar S.; Gonen, Bilal	COMPUTERS & ELECTRICAL ENGINEERING	2017	
A potential white light emitting cubic ZrO <sub>2</sub> :Dy <sup>3+</sup> , Li+ nano phosphors for solid state lighting applications	Prakashbabu, D.; Ramalingam, H. B.; Krishna, R. Hari; Nagabhushana, B. M.; Shivakumara, C.; Munirathnam, K.; Ponkumar, S.	JOURNAL OF LUMINESCENCE	2017	
Positron annihilation spectroscopy and photoluminescence investigation of LaOF:Tb <sup>3+</sup> nanophosphor fabricated via ultrasound assisted sonochemical route	Suresh, C.; Nagabhushana, H.; Darshan, G. P.; Basavaraj, R. B.; Sharma, S. C.; Sunitha, D. V.; Prasad, B. Daruka	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2017	
Driving the photoluminescent and structural properties of X-2-Y <sub>2</sub> SiO <sub>5</sub> by varying the dopant Dy <sup>3+</sup> concentration towards cool WLED applications	Ramakrishna, G.; Nagabhushana, H.; Hareesh, K.; Sunitha, D. V.	SOLID STATE SCIENCES	2017	

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Investigation of disorder and its effect on electrical transport in electrochemically doped polymer devices by current-voltage and impedance spectroscopy	Khan, Motiur Rahman; Anjaneyulu, P.; Rao, K. S. R. Koteswara; Menon, R.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2017	
Agent-based secure routing for underwater acoustic sensor networks	Bharamagoudra, Manjula R.; Manvi, Sunilkumar S.	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2017	
Whole Genome Sequencing Revealed Mutations in Two Independent Genes as the Underlying Cause of Retinal Degeneration in an Ashkenazi Jewish Pedigree	Gustafson, Kevin; Duncan, Jacque L.; Biswas, Pooja; Soto-Hermida, Angel; Matsui, Hiroko; Jakubosky, David; Suk, John; Telenti, Amalio; Frazer, Kelly A.; Ayyagari, Radha	GENES	2017	
An efficient orange-red-emitting LiNa <sub>3</sub> P <sub>2</sub> O <sub>7</sub> :Sm <sup>3+</sup> pyrophosphate: Structural and optical analysis for solid-state lighting	Dillip, G. R.; Munirathnam, K.; Raju, B. Deva Prasad; Sushma, N. John; Joo, S. W.	LUMINESCENCE	2017	
A mutation in IFT43 causes non-syndromic recessive retinal degeneration	Biswas, Pooja; Duncan, Jacque L.; Ali, Muhammad; Matsui, Hiroko; Naeem, Muhammad Asif; Raghavendra, Pongali B.; Frazer, Kelly A.; Arts, Heleen H.; Riazuddin, Sheikh; Akram, Javed; Hejtmancik, J. Fielding; Riazuddin, S. Amer; Ayyagari, Radha	HUMAN MOLECULAR GENETICS	2017	
Experimental and numerical studies on buckling of laminated composite skew plates with circular holes under uniaxial compression	Srinivasa, C. V.; Kumar, W. P. Prema; Kumar, M. T. Prathap; Bangar, Ashok R.; Kumar, Pavan; Rudresh, M. S.	MECHANICS OF ADVANCED MATERIALS AND STRUCTURES	2017	
Tailoring the luminescence properties of Y <sub>2</sub> O <sub>3</sub> :Sm <sup>3+</sup> nanophosphors by 6 MeV electron beam irradiation	Sunitha, D. V.; Nagabhushana, H.; Hareesh, K.; Bhoraskar, V. N.; Dhole, S. D.	RADIATION MEASUREMENTS	2017	
Synthesis of Novel Five- and Six-Membered Ferrocene-Containing Heterocycles and Heteroaromatics via Cyclocondensation of 1-Ferrocenyl-3,3-bis(methylthio)prop-2-en-1-one with Various Bifunctional Nucleophiles	Singh, Prabal P.; Yugandar, S.; Kumar, S. Vijay; Ila, H.; Junjappa, H.	SYNTHESIS-STUTTGART	2017	
Extraction of Y <sub>2</sub> O <sub>3</sub> :Cr <sup>3+</sup> nanophosphor by eco-friendly approach and its suitability for white light-emitting diode applications	Kumar, J. B. Prasanna; Ramgopal, G.; Sunitha, D. V.; Prasad, B. Daruka; Nagabhushana, H.; Vidya, Y. S.; Anantharaju, K. S.; Prashantha, S. C.; Sharma, S. C.; Prabhakara, K. R.	LUMINESCENCE	2017	
Charge transport mechanism in p-type copper ion containing triazine thiolate metallopolymer thin film devices	Deepak, K.; Roy, Amit; Anjaneyulu, P.; Kandaiah, Sakthivel; Pinjare, Sampatrao L.	JOURNAL OF APPLIED PHYSICS	2017	
Clock synchronization in wireless sensor networks using least common multiple	Tabassum, Nikhath; Devanagavi, Geetha D.; Biradar, Rajashekhar C.	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2017	
A 3-D Radio Irregularity Model (3DRIM) for Wireless Sensor Network	Anand, Niharika; Bellipady, Shamantha Rai; Ranjan, Rajeev; Varma, Shirshu	WIRELESS PERSONAL COMMUNICATIONS	2017	

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Whole Genome Sequencing Revealed Mutations in Two Independent Genes as the Underlying Cause of Retinal Degeneration in an Ashkenazi Jewish Pedigree (vol 8, 210, 2017)	Gustafson, Kevin; Duncan, Jacque L.; Biswas, Pooja; Soto-Hermida, Angel; Matsui, Hiroko; Jakobosky, David; Suk, John; Telenti, Amalio; Frazer, Kelly A.; Ayyagari, Radha	GENES	2017	
Variable light emission by the mixture of 1:1 ratio of LiNa3P2O7:Sm3+ and LiNa3P2O7:Tb3+ phosphor under near UV excitation	Munirathnam, K.; Prakashbabu, D.	OPTIK	2017	
2018-19				
Review on Magnetocaloric Effect and Materials	Ram, N. Raghu; Prakash, M.; Naresh, U.; Kumar, N. Suresh; Sarmash, T. Sofi; Subbarao, T.; Kumar, R. Jeevan; Kumar, G. Ranjith; Naidu, K. Chandra Babu	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2018	
A multiband reconfigurable slot antenna for wireless applications	Ali, Tanweer; Khaleeq, Mohammed Muzammil; Biradar, Rajashekhar C.	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2018	
Structural and functional properties of sol-gel synthesized and microwave heated Pb-0.8 Co0.2-zLazTiO3 (z=0.05-0.2) nanoparticles	Kumar, N. Suresh; Suvarna, R. Padma; Naidu, K. Chandra Babu; Kumar, G. Ranjith; Ramesh, S.	CERAMICS INTERNATIONAL	2018	
Decentralized and Scalable Privacy-Preserving Authentication Scheme in VANETs	Tangade, Shrikant; Manvi, Sunilkumar S.; Lorenz, Pascal	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	2018	
A multiband antenna loaded with metamaterial and slots for GPS/WLAN/WiMAX applications	Ali, Tanweer; Khaleeq, Mohammad Muzammil; Pathan, Sameena; Biradar, Rajashekhar C.	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2018	
A fractal quad-band antenna loaded with L-shaped slot and metamaterial for wireless applications	Ali, Tanweer; Aw, Mohammad Saadh; Biradar, Rajashekhar C.	INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES	2018	
Parameter estimation for photovoltaic system under normal and partial shading conditions: A survey	Kumari, P. Ashwini; Geethanjali, P.	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	2018	
Consumer insight mining: Aspect based Twitter opinion mining of mobile phone reviews	Rathan, M.; Hulipalled, Vishwanath R.; Venugopal, K. R.; Patnaik, L. M.	APPLIED SOFT COMPUTING	2018	
A triple-band highly miniaturized antenna for WiMAX/WLAN applications	Ali, Tanweer; Biradar, Rajashekhar C.	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2018	
A miniaturized multiband reconfigurable fractal slot antenna for GPS/GNSS/Bluetooth/WiMAX/X-band applications	Ali, Tanweer; Fatima, Nikhat; Biradar, Rajashekhar C.	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2018	
Efficient Synthesis and in Silico Studies of the Benzimidazole Hybrid Scaffold with the Quinolinyloxadiazole Skeleton with Potential alpha-Glucosidase Inhibitory, Anticoagulant, and Antiplatelet Activities for Type-II Diabetes Mellitus Management and Treating Thrombotic Disorders	Bharadwaj, S. Shashidhar; Poojary, Boja; Nandish, Sharath Kumar M.; Kengaiyah, Jayanna; Kirana, Mugaranja P.; Shankar, Madan Kumar; Das, Anupam J.; Kulal, Ananda; Sannanigaiah, Devaraja	ACS OMEGA	2018	
A miniaturized slotted multiband antenna for wireless applications	Ali, Tanweer; Prasad, K. Durga; Biradar, Rajashekhar C.	JOURNAL OF COMPUTATIONAL ELECTRONICS	2018	

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A Hybrid Moth-Flame Fuzzy Logic Controller Based Integrated Cuk Converter Fed Brushless DC Motor for Power Factor Correction	Kamalapathi, Kuditi; Priyadarshi, Neeraj; Padmanaban, Sanjeevikumar; Holm-Nielsen, Jens Bo; Azam, Farooque; Umayal, Chandrasahana; Ramachandaramurthy, Vigna K.	ELECTRONICS	2018	
A compact decagonal-shaped UWB monopole planar antenna with truncated ground plane	Ali, Tanweer; Subhash, B. K.; Pathan, Sameena; Biradar, Rajashekhar C.	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2018	
Photocatalytic degradation performance of Nd <sup>3+</sup> doped V <sub>2</sub> O <sub>5</sub> nanostructures	Navyashree, G. R.; Hareesh, K.; Sunitha, D., V; Nagabhushana, H.; Nagaraju, G.	MATERIALS RESEARCH EXPRESS	2018	
A miniaturized slotted ground structure UWB antenna for multiband applications	Ali, Tanweer; Saadh, Mohammad A. W.; Biradar, Rajashekhar C.; Andujar, Aurora; Anguera, Jaume	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2018	
Flux influenced morphology tailoring and emission color tuning to pure white in ZrO <sub>2</sub> :Eu <sup>3+</sup> phosphors	Ponkumar, S.; Janaki, K.; PrakashBabu, D.; Kumar, M. Madesh; Reddy, M. Madhusudana	JOURNAL OF LUMINESCENCE	2018	
Elevated temperature solid particle erosion behaviour of carbide reinforced CoCrAlY composite coatings	Nithin, H. S.; Desai, Vijay; Ramesh, M. R.	MATERIALS RESEARCH EXPRESS	2018	
Ruthenium ion containing N and S rich triazine based metallopolymer as a low overpotential acid stable electrocatalyst for hydrogen evolution	Udachyan, Iranna; Vishwanath, R. S.; Kumara, C. S. Pradeepa; Kandaiah, Sakthivel	JOURNAL OF CATALYSIS	2018	
Syn vs Anti Carboxylic Acids in Hybrid Peptides: Experimental and Theoretical Charge Density and Chemical Bonding Analysis	Pal, Rumpa; Reddy, M. B. Madhusudana; Dinesh, B.; Venkatesha, Manjunath A.; Grabowsky, Simon; Jelsch, Christian; Row, Tayur N. Guru	JOURNAL OF PHYSICAL CHEMISTRY A	2018	
ZrO <sub>2</sub> : Sm <sup>3+</sup> nanophosphor: synthesis, Rietveld refinement, optical and thermoluminescent properties	Ponkumar, S.; Janaki, K.; Prakashbabu, D.; Ramalingam, H. B.; Munirathnam, K.; Sreekanth, T. V. M.; Dhoble, S. J.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2018	
Fault tolerant software systems using software configurations for cloud computing	Chinnaiah, Mylara Reddy; Niranjan, Nalini	JOURNAL OF CLOUD COMPUTING-ADVANCES SYSTEMS AND APPLICATIONS	2018	
IFT88 mutations identified in individuals with non-syndromic recessive retinal degeneration result in abnormal ciliogenesis	Chekuri, Anil; Guru, Aditya A.; Biswas, Pooja; Branham, Kari; Borooah, Shyamanga; Soto-Hermida, Angel; Hicks, Michael; Khan, Naheed W.; Matsui, Hiroko; Alapati, Akhila; Raghavendra, Pongali B.; Roosing, Susanne; Sarangapani, Sripriya; Mathavan, Sinnakaruppan; Telenti, Amalio; Heckenlively, John R.; Riazuddin, S. Amer; Frazer, Kelly A.; Sieving, Paul A.; Ayyagari, Radha	HUMAN GENETICS	2018	
Combined effect of surface roughness and pressure-dependent viscosity over couple-stress squeeze film lubrication between circular stepped plates	Hanumagowda, B. N.; Raju, B. T.; Kumar, J. Santhosh; Vasanth, K. R.	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART J-JOURNAL OF ENGINEERING TRIBOLOGY	2018	
Anti-Inflammatory, Radical Scavenging Mechanism of New 4-Aryl-[1,3]-thiazol-2-yl-2-quinoline Carbohydrazides and Quinoliny[1,3]-thiazolo[3,2-b][1,2,4]triazoles	Srinivasa, Shashidhar Bharadwaj; Poojary, Boja; Brahmavara, Usha; Das, Anupam Jyoti; Middha, Sushil Kumar	CHEMISTRYSELECT	2018	

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Tetrazolo[1,5-a]pyrimidine-based metal(II) complexes as therapeutic agents: DNA interaction, targeting topoisomerase I and cyclin-dependent kinase studies	Haleel, Azees Khan; Mahendiran, Dharmasivam; Rafi, Ummer Muhammed; Veena, Vijaykumar; Shobana, Sugumar; Rahiman, Aziz Kalilur	INORGANIC AND NANO-METAL CHEMISTRY	2018	
Hot Corrosion Behaviour of Refractory and Rare Earth Oxide Reinforced CoCrAlY APS Coatings at 700 degrees C	Nithin, H. S.; Desai, V.; Ramesh, M. R.	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS	2018	
Identification of the genetic determinants responsible for retinal degeneration in families of Mexican descent	Villanueva, Adda; Biswas, Pooja; Kishaba, Kameron; Suk, John; Tadimetri, Keerti; Raghavendra, Pongali B.; Nadeau, Karine; Lamontagne, Bruno; Busque, Lambert; Geoffroy, Steve; Mongrain, Ian; Asselin, Geraldine; Provost, Sylvie; Dube, Marie-Pierre; Nudleman, Eric; Ayyagari, Radha	OPHTHALMIC GENETICS	2018	
Influence of heat treatment on Cr and Fe-rich precipitates in thermally aged duplex steels	Vasanth, Shamanth; Krishna, Hemanth; Gopi, Karekera Rangaraju; Anne, Gajanan	EMERGING MATERIALS RESEARCH	2018	
Gamma irradiation effects on optical properties of CdTe quantum dots	Raju, S. P.; Hareesh, K.; Dhole, S. D.; Sanjeev, Ganesh	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	2018	
Visible-Light-Active Mixed-Valent Copper-Ion-Coordinated 2,5-Dimercapto-1,3,4-thiadiazole-Based p-Type Metallopolymer	Udachyan, Iranna; Kumara, Pradeepa; Vishwanath, R. S.; Kandaiah, Sakthivel	CHEMELECTROCHEM	2018	
Heat Transfer Enhancement in a High Power LED Using Heat Sink with Liquid Pockets	Sangmesh, B.; Gopalakrishna, K.; Manjunath, S. H.; Kumar, M. N.; Kumar, G. V.	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2018	
Gamma radiation-assisted diffusion of Au nanoparticles in nanocavities of polycarbonate: nano-structural and surface properties	Hareesh, K.; Sunitha, D. V.; Ramya, P.; Williams, J. F.; Samarin, S.; Dhole, S. D.; Sanjeev, G.	MATERIALS RESEARCH EXPRESS	2018	
Positron annihilation spectroscopy and photoluminescence investigation of LaOF:Tb <sup>3+</sup> nanophosphor fabricated via ultrasound assisted sonochemical route (vol 224, pg 28, 2017)	Suresh, C.; Nagabushana, H.; Darshan, G. P.; Basavaraj, R. B.; Sharma, S. C.; Sunitha, D. V.; Prasad, B. Daruka; Williams, J. F.; Hareesh, K.	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2018	
Synthesis of Hitherto Unknown 4,4-Bis(methylthio)but-3-en-2-one-1,1,1,3-d(4) and its Application as 1,3-Dielectrophilic Building Block for the Synthesis of Deuterated Heterocycles and Aromatics	Charanraj, T. P.; Ramachandra, P.; Ramesh, N.; Junjappa, H.	LETTERS IN ORGANIC CHEMISTRY	2018	
<b>2019-20</b>				
Enhanced photocatalytic degradation of methylene blue dye using CuS-CdS nanocomposite under visible light irradiation	Mahanthappa, Mallappa; Kottam, Nagaraju; Yellappa, Shivaraj	APPLIED SURFACE SCIENCE	2019	
Novel Co and Ni metal nanostructures as efficient photocatalysts for photodegradation of organic dyes	Srinivas, M.; Venkata, Reddy Ch; Kakarla, Raghava Reddy; Shetti, Nagaraj P.; Reddy, M. S.; Anjanapura, V. Raghu	MATERIALS RESEARCH EXPRESS	2019	

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An Ant Colony Optimized MPPT for Standalone Hybrid PV-Wind Power System with Single Cuk Converter	Priyadarshi, Neeraj; Ramachandaramurthy, Vigna K.; Padmanaban, Sanjeevikumar; Azam, Farooque	ENERGIES	2019	
A Novel Modified Sine-Cosine Optimized MPPT Algorithm for Grid Integrated PV System under Real Operating Conditions	Padmanaban, Sanjeevikumar; Priyadarshi, Neeraj; Holm-Nielsen, Jens Bo; Bhaskar, Mahajan Sagar; Azam, Farooque; Sharma, Amarjeet Kumar; Hossain, Eklas	IEEE ACCESS	2019	
Analysis of diabetes mellitus for early prediction using optimal features selection	Sneha, N.; Gangil, Tarun	JOURNAL OF BIG DATA	2019	
A Hybrid Photovoltaic-Fuel Cell for Grid Integration With Jaya-Based Maximum Power Point Tracking: Experimental Performance Evaluation	Padmanaban, Sanjeevikumar; Priyadarshi, Neeraj; Bhaskar, Mahajan Sagar; Holm-Nielsen, Jens Bo; Hossain, Eklas; Azam, Farooque	IEEE ACCESS	2019	
Modular multilevel converters technology: a comprehensive study on its topologies, modelling, control and applications	Raju, Manchala Naini; Sreedevi, J.; Mandi, Rajashekar P.; Meera, K. S.	IET POWER ELECTRONICS	2019	
Design Techniques of Super-Wideband Antenna Existing and Future Prospective	Balani, Warsha; Sarvagya, Mrinal; Ali, Tanweer; Pai, Manohara M. M.; Anguera, Jaume; Andujar, Aurora; Das, Saumya	IEEE ACCESS	2019	
Design of Rhenium Compounds in Targeted Anticancer Therapeutics	Collery, Philippe; Desmaele, Didier; Vijaykumar, Veena	CURRENT PHARMACEUTICAL DESIGN	2019	
Structural, optical and Mossbauer spectroscopic investigations on the environment of Fe in Fe-doped ZnO (Zn <sub>1-x</sub> Fe <sub>x</sub> O) ceramics synthesized by solution combustion method	Mahour, Laxmi Narayan; Choudhary, Harish Kumar; Kumar, Rajeev; Anupama, A. V.; Sahoo, Balaram	CERAMICS INTERNATIONAL	2019	
Facile synthesis of CoFe <sub>2</sub> O <sub>4</sub> nanoparticles and application in removal of malachite green dye	Jinendra, Usha; Kumar, Jeethendra; Nagabhushana, B. M.; Raghu, Anjanapura, V; Bilehal, Dinesh	GREEN MATERIALS	2019	
In-situ preparation of nanostructured alpha-MnO <sub>2</sub> /polypyrrole hybrid composite electrode materials for high performance supercapacitor	Shivakumara, S.; Munichandraiah, N.	JOURNAL OF ALLOYS AND COMPOUNDS	2019	
X-ray photoelectron spectroscopy and optical analysis of pure white light emitting Dy <sup>3+</sup> and Mn <sup>2+</sup> codoped Na <sub>3</sub> Y(PO <sub>4</sub> ) <sub>2</sub> phosphors for solid-state lighting	Munirathnam, K.; Nagajyothi, P. C.; Prakashbabu, D.; Raju, B. Deva Prasad; Shim, J.	CERAMICS INTERNATIONAL	2019	
The rhenium(I)-diselenoether anticancer drug targets ROS, TGF-beta 1, VEGF-A, and IGF-1 in an in vitro experimental model of triple-negative breast cancers	Collery, Philippe; Veena, Vijay; Harikrishnan, Adhikesavan; Desmaele, Didier	INVESTIGATIONAL NEW DRUGS	2019	
Temperature and frequency dependence of complex impedance parameters of microwave sintered NiMg ferrites	Naidu, K. Chandra Babu; Kumar, N. Suresh; Kumar, G. Ranjith; Kumar, S. Naresh	JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY	2019	
Acetone and Diethyl ether: Improve cold flow properties of Dairy Washed Milkscum biodiesel	Srikanth, H. V.; Venkatesh, J.; Godiganur, Sharanappa; Manne, Bhaskar	RENEWABLE ENERGY	2019	



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Fuzzy and PSO Based Clustering Scheme in Underwater Acoustic Sensor Networks Using Energy and Distance Parameters	Krishnaswamy, Vani; Manvi, Sunilkumar S.	WIRELESS PERSONAL COMMUNICATIONS	2019	
The TiO <sub>2</sub> -graphene oxide-Hemin ternary hybrid composite material as an efficient heterogeneous catalyst for the degradation of organic contaminants	Munikrishnappa, C.; Kumar, Surender; Shivakumara, S.; Rao, G. Mohan; Munichandraiah, N.	JOURNAL OF SCIENCE-ADVANCED MATERIALS AND DEVICES	2019	
MoS <sub>2</sub> -graphene-CuNi <sub>2</sub> S <sub>4</sub> nanocomposite an efficient electrocatalyst for the hydrogen evolution reaction	Adarakatti, Prashanth Shivappa; Mahanthappa, Mallappa; Hughes, Jack P.; Rowley-Neale, Samuel J.; Smith, Graham C.; Ashoka, S.; Banks, Craig E.	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2019	
Monovalent ions co-doped SrTiO <sub>3</sub> :Pr <sup>3+</sup> nanostructures for the visualization of latent fingerprints and can be red component for solid state devices	Yeshodamma, S.; Sunitha, D. V.; Basavaraj, R. B.; Darshan, G. P.; Prasad, B. Daruka; Nagabhushana, H.	JOURNAL OF LUMINESCENCE	2019	
Introgression of Root and Water Use Efficiency Traits Enhances Water Productivity: An Evidence for Physiological Breeding in Rice ( <i>Oryza sativa</i> L.)	Dharmappa, Prathibha M.; Doddaraju, Pushpa; Malagondanahalli, Mohankumar V.; Rangappa, Raju B.; Mallikarjuna, N. M.; Rajendrareddy, Sowmya H.; Ramanjinappa, Ramachandra; Mavinahalli, Rajanna P.; Prasad, Trichy Ganesh; Udayakumar, Makarla; Sheshshayee, Sreeman M.	RICE	2019	
One-step gamma radiation aided diffusion of Ag-Au alloy nanoparticles into polycarbonate and its application towards the reduction of 4-Nitrophenol	Hareesh, K.; Sunitha, D. V.; Dhole, Sanjay D.; Bhoraskar, Vasanth N.; Phase, Deodatta M.; Williams, Jim	RADIATION PHYSICS AND CHEMISTRY	2019	
A compact two element MIMO antenna with improved isolation for wireless applications	Aw, M. S.; Ashwath, A. K.; Ali, T.	JOURNAL OF INSTRUMENTATION	2019	
EPS bound flavins driven mediated electron transfer in thermophilic <i>Geobacillus</i> sp.	Gurumurthy, Dummi Mahadevan; Bharagava, Ram Naresh; Kumar, Ashok; Singh, Bhaskar; Ashfaq, Muhammad; Saratale, Ganesh Dattatraya; Mulla, Sikandar I.	MICROBIOLOGICAL RESEARCH	2019	
Deterministic and stochastic processes driving the shift in the prokaryotic community composition in wastewater treatment plants of a coastal Chinese city	Hou, Liyuan; Mulla, Sikandar I.; Nino-Garcia, Juan Pablo; Ning, Daliang; Rashid, Azhar; Hu, Anyi; Yu, Chang-Ping	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	2019	
Enhanced mosquitocidal efficacy of colloidal dispersion of pyrethroid nanometric emulsion with benignity towards non-target species	Mishra, Prabhakar; Dutta, Sneha; Haldar, Manidipa; Dey, Priyanka; Kumar, Drishty; Mukherjee, Amitava; Chandrasekaran, Natarajan	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	2019	
Influence of Zn <sup>2+</sup> doping on the lattice defects and photoluminescence studies of Sr <sub>2</sub> CeO <sub>4</sub> :Eu <sup>3+</sup> nanophosphor: Applications for data encryption strategies	Sudheendra, H. S.; Darshan, G. P.; Basavaraj, R. B.; Naik, Yashwanth, V; Premakumar, H. B.; Nagabhushana, H.; Williams, J. F.; Hareesh, K.; Kokila, M. K.	OPTICAL MATERIALS	2019	
Q-FRPM: QoS-Centric Fault-Resilient Routing Protocol for Mobile-WSN Based Low Power Lossy Networks	Ganesh, D. R.; Patil, Kiran Kumari; Suresh, L.	WIRELESS PERSONAL COMMUNICATIONS	2019	

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One-step bacterial assisted synthesis of CdS/rGO nanocomposite as Hydrogen production catalyst	Hareesh, K.; Dhole, Sanjay D.; Phase, Deodatta M.; Williams, Jim F.	MATERIALS RESEARCH BULLETIN	2019	
Ultrasound assisted fabrication of SrTiO <sub>3</sub> nanopowders: Effect of electron beam induced structural and luminescence properties for solid state lightning and high temperature dosimetry applications	Yashodamma, S.; Darshan, G. P.; Basavaraj, R. B.; Udayabhanu; Nagabhushana, H.	OPTICAL MATERIALS	2019	
Detecting spammers on social network through clustering technique	Jose, Teena; Babu, Suvanam Sasidhar	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2019	
Tunable emission and energy-transfer mechanism of single-phase Na <sub>3</sub> Y(PO <sub>4</sub> ) <sub>2</sub> :Ce <sup>3+</sup> , Mn <sup>2+</sup> phosphors for white LEDs	Vishwanath, R.; Munirathnam, K.; Vijaya, R.; Nagajyothi, P. C.	JOURNAL OF LUMINESCENCE	2019	
Investigation of the microstructure and wear behaviour of titanium compounds reinforced aluminium metal matrix composites	Mahesh, L.; Vinyas, M.; Reddy, J. Sudheer; Muralidhara, B. K.	MATERIALS RESEARCH EXPRESS	2019	
Anodic fabrication of nanostructured Cu <sub>x</sub> S and CuNiS <sub>x</sub> thin films and their hydrogen evolution activities in acidic electrolytes	Udachyan, Iranna; Vishwanath, R. S.; Kumara, Pradeep C. S.; Kandaiah, Sakthivel	NEW JOURNAL OF CHEMISTRY	2019	
Solution combustion synthesis of SrMoO <sub>4</sub> nanophosphor using different molybdenum sources and study of its photocatalytic properties	Kusuma, M.; Jagannath, K., V	MATERIALS RESEARCH EXPRESS	2019	
RETRACTED: An efficient human tracking system using Haar-like and hog feature extraction (Retracted article. See DEC, 2022)	Prasanna, Dinesh; Prabhakar, M.	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2019	
Biodiesel synthesis from Garcinia gummi-gutta (L. Robson) seed oil: fuel feasibility evaluation of a novel feedstock by homogeneous and heterogeneous transesterification	Rajagopalachar, Sreekanth; Joshi, S. S.; Reddy, Rana Pratap	BIOFUELS-UK	2019	
Finite-time synchronization of Markovian jumping complex dynamical networks and hybrid couplings	Anand, K. S.; Babu, G. A. Harish; Ali, M. Syed; Padmanabhan, S.	CHINESE JOURNAL OF PHYSICS	2019	
Experimental investigations of a low heat rejection (LHR) engine powered with Mahua oil methyl ester (MOME) with exhaust gas recirculation (EGR)	Kulkarni, Pratap S.; Sharanappa, G.; Ramesh, M. R.; Banapurmath, N. R.; Khandal, S. V.	BIOFUELS-UK	2019	
Dual split-three segment capacitor array Design Based Successive approximation ADC for Io-T ecosystem	Savitha, M.; Reddy, R. Venkat Siva	INTEGRATION-THE VLSI JOURNAL	2019	
gamma-Fe <sub>2</sub> O <sub>3</sub> nanoparticles modified glassy carbon electrode for the sensitive detection of folic acid	Ramu, Jagadish; Mahanthappa, Mallappa; Yellappa, Shivaraj; Chandrasekhar, Kothapalli Bannoth	MATERIALS RESEARCH EXPRESS	2019	
Visible-Light-Active Triazine-Thiadiazole-Based p-Type Copolymer with Stable Photoelectrochemical Behavior in Acidic Electrolytes	Udachyan, Iranna; Kandaiah, Sakthivel	JOURNAL OF PHYSICAL CHEMISTRY C	2019	

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Molecular Interaction of Hemorrhheologic Agent, Pentoxifylline with Bovine Serum Albumin: An Approach to Investigate the Drug Protein Interaction Using multispectroscopic, Voltammetry and Molecular Modelling Techniques	Mallappa, Mahanthappa; Savanur, Mohammed Azharuddin; Gowda, Babu Giriya; Vishwanth, R. S.; Puthusseri, Bijesh	ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY & CHEMICAL PHYSICS	2019	
An evidence of pseudo-elasticity in a caliber rolled Ti-6Al-4V alloy and its effect on tension-compression flow asymmetry	Babu, S. M. Jagadeesh; Murty, S. V. S. Narayana; Prabhu, N.; Kashyap, B. P.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2019	
DNA profiling and in vitro cytotoxicity studies of tetrazolo[1,5-a]pyrimidine-based copper(II) complexes	Haleel, Azees Khan; Rafi, Ummer Muhammed; Mahendiran, Dharmasivam; Mitu, Liviu; Veena, Vijaykumar; Rahiman, Aziz Kalilur	BIOMETALS	2019	
Effects of Temporary Alloying and Severe Plastic Deformation on Microstructure Evolution and Mechanical Properties of Ti-Alloys: A Comparative Study	Babu, S. M. Jagadeesh; Murty, S. V. S. Narayana; Prabhu, N.; Kapoor, R.; Singh, R. N.; Kashyap, B. P.	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS	2019	
Synchrotron X-ray radiation assisted synthesis of Ag/Polycarbonate and Au/Polycarbonate polymer matrix and its pollutant degradation application	Hareesh, K.; Sunitha, D., V; Dharmayee, Vishal P.; Dhole, Sanjay D.; Bhoraskar, Vasanth N.; Phase, Deodatta M.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2019	
A review of the open-access scenario in Afghanistan	Dandawate, Vrushi Sainath; Dhanamjaya, M.	LIBRARY HI TECH	2019	
Improved Cohesive Energy of Metallic Nanoparticles by Using L-J Potential with Structural Effect	Nayak, P.; Naik, S. R.; Sar, D. K.	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE	2019	
Vanadium pentoxide nanorods in latent finger print detection	Navyashree, G. R.; Hareesh, K.; Nagabhushana, H.; Nagaraju, G.; Sunitha, D., V	MATERIALS RESEARCH EXPRESS	2019	
Potential dependent growth of Cu(OH)(2) nanostructures on Cu and their thermal conversion to mixed-valent copper oxides p-type photoelectrode	Udachyan, Iranna; Vishwanath, R. S.; Kumara, C. S. Pradeepa; Kandaiah, Sakthiuel	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2019	
Artificial Neural Network Technique for Statistical Downscaling of Global Climate Model	Laddimath, R. S.; Patil, N. S.	MAPAN-JOURNAL OF METROLOGY SOCIETY OF INDIA	2019	
Potential Cyclooxygenase (COX-2) Enzyme Inhibitors from Myrica nagi-from in-silico to in-vitro Investigation	Kumar, H. P. Prashanth; Panda, Prachurjya; Karunakar, Prashantha; Shiksha, Kotikalapudi; Singh, Laxmi; Ramesh, Nijalingappa; Usha, Talambedu; Middha, Sushil Kumar	PHARMACOGNOSY MAGAZINE	2019	
Al-27 MAS NMR investigations on Al23Te77 glass: Observation of 5-coordinated Al and its influence on electrical switching	Wilson, P. T.; Chahal, Shweta; Pumlionmunga; Kumar, M. Madesh; Ramesh, K.	SOLID STATE COMMUNICATIONS	2019	
Nature-inspired synthesis of ZrO2:Dy3+ viable for WLED applications	Prakashbabu, D.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2019	

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Influence of ageing on kinetics and strain-hardening behaviour of duplex stainless steels	Vasanth, Shamanth; Krishna, Hemanth; Sonnappa, Devaraj; Nithin, Hiriyalu Shivegowda; Kataraki, Pramod Kumar	EMERGING MATERIALS RESEARCH	2019	
A robust pre-coding and hybrid equalization assisted MIMO-MU visible light communication system for QoS centric indoor communication	Ali, Tanweer; Balani, Warsha	TELECOMMUNICATION SYSTEMS	2019	
Electron beam exposure- structural immunity and color tuning in Al <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> :Dy <sup>3+</sup> binary matrix prepared by a hybrid approach	Ponkumar, S.; Janaki, K.; PrakashBabu, D.; Krishna, R. Hari	JOURNAL OF LUMINESCENCE	2019	
Influence of 120 MeV Si <sup>9+</sup> ion irradiation on ZnTe semiconductor thin films	Pattar, Jayadev; PrakashBabu, D.; Krishna, K. M. Bala; Mahesh, H. M.	RADIATION EFFECTS AND DEFECTS IN SOLIDS	2019	
Clustering-based approach for medical data classification	Kodabagi, Mallikarjun M.; Tikotikar, Ahelam	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2019	
Comparative study on low energy ion beam modification of thermoplastic polymers	Raveesha, P. M.; Hareesh, K.; Dhole, S. D.; Asokan, K.; Sanjeev, Ganesh	RADIATION EFFECTS AND DEFECTS IN SOLIDS	2019	
Solution combustion synthesis of porous beta-BaSO <sub>4</sub> nanopowder using benzenesulfonyl methylimidazolium chloride as fuel and sulfonating agent	Jagannath, K., V; Kusuma, M.	MATERIALS RESEARCH EXPRESS	2019	
Reliable Hybrid Multicast Routing in Mobile Ad Hoc Networks: Reinforcement Learning-based Approach	Walikar, Gyanappa A.; Biradar, Rajashekhar C.	AD HOC & SENSOR WIRELESS NETWORKS	2019	
2020-21				
Polyphenylsulfone/multiwalled carbon nanotubes mixed ultrafiltration membranes: Fabrication, characterization and removal of heavy metals Pb <sup>2+</sup> , Hg <sup>2+</sup> , and Cd <sup>2+</sup> from aqueous solutions	Nayak, M. Chandrashekhar; Isloor, Arun M.; Inamuddin; Lakshmi, B.; Marwani, Hadi M.; Khan, Imran	ARABIAN JOURNAL OF CHEMISTRY	2020	
6-Substituted benzothiazole based dispersed azo dyes having pyrazole moiety: Synthesis, characterization, electrochemical and DFT studies	Maliyappa, M. R.; Keshavayya, J.; Mahanthappa, Mallappa; Shivaraj, Y.; Basavarajappa, K., V	JOURNAL OF MOLECULAR STRUCTURE	2020	
Development of ultrasound aided chemical pretreatment methods to enrich saccharification of wheat waste biomass for polyhydroxybutyrate production and its characterization	Saratale, Ganesh Dattatraya; Saratale, Rijuta Ganesh; Varjani, Sunita; Cho, Si-Kyung; Ghodake, Gajanan S.; Kadam, Avinash; Mulla, Sikandar, I; Bharagava, Ram Naresh; Kim, Dong-Su; Shin, Han Seung	INDUSTRIAL CROPS AND PRODUCTS	2020	
Synthesis and characterization of nano graphene and ZrO <sub>2</sub> reinforced Al 6061 metal matrix composites	Boppana, Satish Babu; Dayanand, Samuel; Kumar, Anil M. R.; Kumar, Vijee; Aravinda, T.	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	2020	
A review on Graphitic Carbon Nitride based binary nanocomposites as supercapacitors	Ashritha, M. G.; Hareesh, K.	JOURNAL OF ENERGY STORAGE	2020	
Homogeneous selection drives antibiotic resistome in two adjacent sub- watersheds, China	Hu, Anyi; Wang, Hongjie; Li, Jiangwei; Mulla, Sikandar, I; Qiu, Quanyi; Tang, Lina; Rashid, Azhar; Wu, Yang; Sun, Qian; Yu, Chang-Ping	JOURNAL OF HAZARDOUS MATERIALS	2020	

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New CUK-SEPIC converter based photovoltaic power system with hybrid GSA-PSO algorithm employing MPPT for water pumping applications	Priyadarshi, Neeraj; Bhaskar, Mahajan Sagar; Padmanaban, Sanjeevikumar; Blaabjerg, Frede; Azam, Farooque	IET POWER ELECTRONICS	2020	
A Hybrid Photovoltaic-Fuel Cell-Based Single-Stage Grid Integration With Lyapunov Control Scheme	Priyadarshi, Neeraj; Padmanaban, Sanjeevikumar; Bhaskar, Mahajan Sagar; Blaabjerg, Frede; Holm-Nielsen, Jens Bo; Azam, Farooque; Sharma, Amarjeet Kumar	IEEE SYSTEMS JOURNAL	2020	
Trust Management Scheme Based on Hybrid Cryptography for Secure Communications in VANETs	Tangade, Shrikant; Manvi, Sunilkumar S.; Lorenz, Pascal	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	2020	
Mechanistic insights into the sol-gel synthesis of complex (quaternary) Co-Mn-Zn-spinel ferrites: An annealing dependent study	Bhandare, Shilpa, V; Kumar, R.; Anupama, A., V; Choudhary, H. K.; Jali, V. M.; Sahoo, B.	CERAMICS INTERNATIONAL	2020	
Effect of Mg-substitution in Co-Ni-Ferrites: Cation distribution and magnetic properties	Bhandare, S., V; Kumar, R.; Anupama, A., V; Mishra, M.; Kumar, R. Vijaya; Jali, V. M.; Sahoo, B.	MATERIALS CHEMISTRY AND PHYSICS	2020	
Response surface methodology-based optimization of biosurfactant production from isolated Bacillus aryabhata strain ZDY2	Yaraguppi, Deepak A.; Bagewadi, Zabin K.; Muddapur, Uday M.; Mulla, Sikandar I.	JOURNAL OF PETROLEUM EXPLORATION AND PRODUCTION TECHNOLOGY	2020	
Investigation of photocatalytic degradation of reactive textile dyes by Portulaca oleracea-functionalized silver nanocomposites and exploration of their antibacterial and antidiabetic potentials	Saratale, Ganesh Dattatraya; Saratale, Rijuta Ganesh; Cho, Si-Kyung; Ghodake, Gajanan; Bharagava, Ram Naresh; Park, Yooheon; Mulla, Sikandar, I; Kim, Dong-Su; Kadam, Avinash; Nair, Supriya; Shin, Han-Seung	JOURNAL OF ALLOYS AND COMPOUNDS	2020	
Statistical optimization and characterization of bacterial cellulose produced by isolated thermophilic Bacillus licheniformis strain ZBT2	Bagewadi, Zabin K.; Bhavikatti, Jayateerth S.; Muddapur, Uday M.; Yaraguppi, Deepak A.; Mulla, Sikanda I.	CARBOHYDRATE RESEARCH	2020	
Dendritic Ferroselite (FeSe <sub>2</sub> ) with 2D Carbon-Based Nanosheets of rGO and g-C <sub>3</sub> N <sub>4</sub> as Efficient Catalysts for Electrochemical Hydrogen Evolution	Shwetharani, R.; Kapse, Samadhan; Thapa, Ranjit; Nagaraju, D. H.; Balakrishna, R. Geetha	ACS APPLIED ENERGY MATERIALS	2020	
Synthesis of Citrus Limon mediated SnO <sub>2</sub> -WO <sub>3</sub> nanocomposite: Applications to photocatalytic activity and electrochemical sensor	Manjunatha, A. S.; Pavithra, N. S.; Shivanna, M.; Nagaraju, G.; Ravikumar, C. R.	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	2020	
Internet of things augmented a novel PSO-employed modified zeta converter-based photovoltaic maximum power tracking system: hardware realisation	Priyadarshi, Neeraj; Padmanaban, Sanjeevikumar; Holm-Nielsen, Jens Bo; Bhaskar, Mahajan Sagar; Azam, Farooque	IET POWER ELECTRONICS	2020	
Gamma-irradiation induced modifications in structural and magnetic properties of nanocrystalline Mn <sub>0.5</sub> Zn <sub>0.5</sub> S <sub>m</sub> Fe <sub>2-x</sub> O <sub>4</sub> ceramics	Anupama, A., V; Kumar, R.; Choudhary, H. K.; Angadi, V. Jagadeesha; Somashekarappa, H. M.; Rudraswamy, B.; Sahoo, B.	RADIATION PHYSICS AND CHEMISTRY	2020	
Processes for the removal of triclosan in the environment and engineered systems: a review	Mulla, Sikandar, I; Asefi, Bahareh; Bharagava, Ram Naresh; Saratale, Ganesh Dattatraya; Li, Jiangwei; Huang, Chu-Long; Yu, Chang-Ping	ENVIRONMENTAL REVIEWS	2020	

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Enhanced photocatalytic activity of N, P, co-doped carbon quantum dots: An insight from experimental and computational approach	Yashwanth, H. J.; Rondiya, Sachin R.; Dzade, Nelson Y.; Dhole, S. D.; Phase, D. M.; Hareesh, K.	VACUUM	2020	
Larvicidal Activities of 2-Aryl-2,3-Dihydroquinazolin-4-ones against Malaria Vector Anopheles arabiensis, In Silico ADMET Prediction and Molecular Target Investigation	Venugopala, Katharigatta N.; Ramachandra, Pushpalatha; Tratratt, Christophe; Gleiser, Raquel M.; Bhandary, Subhrajyoti; Chopra, Deepak; Morsy, Mohamed A.; Aldhubiab, Bandar E.; Attimarad, Mahesh; Nair, Anroop B.; Sreeharsha, Nagaraja; Venugopala, Rashmi; Deb, Pran Kishore; Chandrashekarappa, Sandeep; Khalil, Hany Ezzat; Alwassil, Osama I.; Abed, Sara Nidal; Bataineh, Yazan A.; Palenge, Ramachandra; Haroun, Michelyne; Pottathil, Shinu; Girish, Meravanige B.; Akrawi, Sabah H.; Mohanlall, Viresh	MOLECULES	2020	
Response of prokaryotic communities to extreme precipitation events in an urban coastal lagoon: A case study of Yundang lagoon, China	Wang, Hongjie; Yang, Xiaoyong; Chen, Qingfu; Su, Jian-Qiang; Mulla, Sikandar, I; Rashid, Azhar; Hu, Anyi; Yu, Chang-Ping	SCIENCE OF THE TOTAL ENVIRONMENT	2020	
Numerical investigation on magnetohydrodynamics flow of Casson fluid over a deformable porous layer with slip conditions	Krishna Murthy, M.	INDIAN JOURNAL OF PHYSICS	2020	
Hydrometallurgical process for the recovery of yttrium from spent fluorescent lamp: Leaching and crystallization experiments	Saratale, Rijuta Ganesh; Kim, Hee-Young; Park, Yooheon; Shin, Han Seung; Ghodake, Gajanan; Bharagava, Ram Naresh; Mulla, Sikandar, I; Kim, Dong-Su; Saratale, Ganesh Dattatraya	JOURNAL OF CLEANER PRODUCTION	2020	
Synthesis and electrical properties of polyaniline-cerium oxide composites	Ashwini, I. S.; Pattar, Jayadev; Anjaneyulu, Ponnamp; PrakashBabu, D.; Sreekanth, R.; Manohara, S. R.; Nagaraja, M.	SYNTHETIC METALS	2020	
Synthesis and optimization of Dy-doped SrZr <sub>4</sub> (PO <sub>4</sub> ) <sub>6</sub> nanophosphors for plant growth light-emitting diodes	Munirathnam, K.; Rajavaram, Ramaraghavulu; Nagajyothi, P. C.; Thiyagaraj, S.; Srinivas, M.	SOLID STATE SCIENCES	2020	
Enhancement of e-commerce security through asymmetric key algorithm	Dijesh, P.; Babu, Suvanamp; Sasidhar; Vijayalakshmi, Yellepeddi	COMPUTER COMMUNICATIONS	2020	
Combustion, performance, and emission characteristics of dairy-washed milk scum biodiesel in a dual cylinder compression ignition engine	Srikanth, H., V; Venkatesh, J.; Godiganur, Sharanappa; Manne, Bhaskar; Kumar, S. Bharath; Spurthy, S.	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2020	
Structural and functional characterization of bacterial cellulose from Enterobacter hormaechei subsp. steigerwaltii strain ZKE7	Bagewadi, Zabin K.; Dsouza, Venessa; Mulla, Sikandar, I; Deshpande, Sanjay H.; Muddapur, Uday M.; Yaraguppi, Deepak A.; Reddy, Vaddi Damodara; Bhavikatti, Jayateerth S.; More, Sunil S.	CELLULOSE	2020	

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Crystallography, in Silico Studies, and In Vitro Antifungal Studies of 2,4,5 Trisubstituted 1,2,3-Triazole Analogues	Venugopala, Katharigatta N.; Khedr, Mohammed A.; Girish, Yarabahally R.; Bhandary, Subhrajyoti; Chopra, Deepak; Morsy, Mohamed A.; Aldhubiab, Bandar E.; Deb, Pran Kishore; Attimarad, Mahesh; Nair, Anroop B.; Sreeharsha, Nagaraja; Rashmi, V; Kandeel, Mahmoud; Akrawi, Sabah H.; Reddy, Madhusudana M. B.; Shashikanth, Sheena; Alwassil, Osama, I; Mohanlall, Viresh	ANTIBIOTICS-BASEL	2020	
Electrochemical Determination of Hematoxylin by Pretreated ZnO Nanoflakes Modified Carbon Paste Electrode in the Absence and Presence of Eosin Y	Kumar, Mohan; Swamy, B. E. Kumara; Reddy, Sathish; Kumara, J. K. Shashi; Zhao, Wei	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2020	
A New Model Applied for Evaluating a Rhenium-diselenium Drug: Breast Cancer Cells Stimulated by Cytokines Induced from Polynuclear Cells by LPS	Veena, Vijay; Harikrishnan, Adhikesavan; Lakshmi, Basavegowda; Khanna, Sunali; Desmaele, Didier; Collery, Philippe	ANTICANCER RESEARCH	2020	
Exosomes: Novel Players of Therapy Resistance in Neuroblastoma	Richard, Heather; Pokhrel, Arya; Chava, Srinivas; Pathania, Anup; Katta, Santharam S.; Challagundla, Kishore B.	TUMOR MICROENVIRONMENT: MOLECULAR PLAYERS, PT B	2020	
Interface-Driven Multifunctionality in Two-Dimensional TiO <sub>2</sub> Nanosheet/Poly(Dimercaptothiadiazole-Triazine) Hybrid Resistive Random Access Memory Device	Kumari, Anju; Shanbogh, Shobith M.; Udachyan, Iranna; Kandaiah, Sakthivel; Roy, Amit; Varade, Vaibhav; Ponnam, Anjaneyulu	ACS APPLIED MATERIALS & INTERFACES	2020	
Comparative genomics of rice false smut fungi <i>Ustilaginoidea virens</i> Uv-Gvt strain from India reveals genetic diversity and phylogenetic divergence	Pramesh, Devanna; Prasannakumar, Muthukapalli K.; Muniraju, Kondarajanahally M.; Mahesh, H. B.; Pushpa, H. D.; Manjunatha, Channappa; Saddamhusen, Alase; Chidanandappa, E.; Yadav, Manoj K.; Kumara, Masalavada K.; Sharanabasav, Huded; Rohith, B. S.; Banerjee, Gaurab; Das, Anupam J.	3 BIOTECH	2020	
Bio-inspired dimensionality reduction for Parkinson's disease (PD) classification	Pasha, Akram; Latha, P. H.	HEALTH INFORMATION SCIENCE AND SYSTEMS	2020	
Congestion-aware wireless network-on-chip for high-speed communication	Devanathan, M.; Ranganathan, V; Sivakumar, P.	AUTOMATIKA	2020	
Degradation and detoxification of leather tannery effluent by a newly developed bacterial consortium GS-TE1310 for environmental safety	Saxena, Gaurav; Purchase, Diane; Mulla, Sikandar I.; Bharagava, Ram Naresh	JOURNAL OF WATER PROCESS ENGINEERING	2020	
Polyhydroxyalkanoate synthesis by bacteria isolated from landfill and ETP with pomegranate peels as carbon source	Rayasam, Vijay; Chavan, Pooja; Kumar, Tarika	ARCHIVES OF MICROBIOLOGY	2020	
Novel pyrazolo[3,4-d]pyrimidine derivatives inhibit human cancer cell proliferation and induce apoptosis by ROS generation	Gaonkar, Supreet; Savanur, Mohammed Azharuddin; Nadaf, AfraQuasar A.; Najare, Mahesh S.; Mantur, Shivaraj; Garbhagudi, Manjunatha; Mulla, Sikandar I.; Khazi, Imtiaz Ahmed M.	ARCHIV DER PHARMAZIE	2020	

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Fuel properties of B100 and blends of Terminalia bellerica (Roxb.) oil biodiesel synthesised using SrO as a basic heterogeneous catalyst	Sreekanth, R.; Joshi, S. S.; Reddy, Rana Pratap	BIOFUELS-UK	2020	
Synchronization of Singular Markovian Jumping Neutral Complex Dynamical Networks with Time-Varying Delays via Pinning Control	Anand, K. S.; Yogambigai, J.; Harish Babu, G. A.; Ali, M. Syed; Padmanabhan, S.	ACTA MATHEMATICA SCIENTIA	2020	
Synthesis of Terminal Thiazoles from N-Protected Amino Acids and a Study of Their Antibacterial Activities	Lalithamba, H. S.; Uma, K.; Gowthami, T. S.; Nagendra, G.	ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL	2020	
Social bat optimisation dependent deep stacked auto-encoder for skin cancer detection	Majji, Ramachandro; Om Prakash, Ponnusamy Gnanaprakasam; Cristin, Rajan; Parthasarathy, Govindaswamy	IET IMAGE PROCESSING	2020	
Synthesis, characterization, crystal structure and anticancer activity of tetrahydro-quinolines using silica iodide as a heterogeneous catalyst	Ramesh, K. B.; Omkaramurthy, B. M.; Srinivas, M.	JOURNAL OF MOLECULAR STRUCTURE	2020	
Role of heat treatment on the structural and luminescence properties of Yb <sup>3+</sup> /Ln <sup>3+</sup> (Ln = Tm, Ho and Er) co-doped LaF <sub>3</sub> nanoparticles	Poma, Patricia Y.; Sales, Tasso O.; Kumar, Kagola U.; Jacinto, Carlos	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2020	
An Overview on Graphene-Metal Oxide Semiconductor Nanocomposite: A Promising Platform for Visible Light Photocatalytic Activity for the Treatment of Various Pollutants in Aqueous Medium	Mandal, Soumen; Mallapur, Srinivas; Reddy, Madhusudana; Singh, Jitendra Kumar; Lee, Dong-Eun; Park, Taejoon	MOLECULES	2020	
Anti-tumor effects of Artemisia nilagirica extract on MDA-MB-231 breast cancer cells: deciphering the biochemical and biomechanical properties via TGF-beta upregulation	Raju, Shilpa R.; Balakrishnan, Sreenath; Kollimada, Somanna; Chandrashekar, K. N.; Jampani, Aruna	HELIYON	2020	
Nephro-protective activity of wheatgrass juice against alcohol-induced oxidative damage in rats	Hebbani, Ananda Vardhan; Bulle, Saradamma; Kanu, Venkateswarlu Reddy; Balachandrababu Malini, Asha; Reddy, Vaddi Damodara; Chakravarthula, Varadacharyulu Nallan	TOXICOLOGY MECHANISMS AND METHODS	2020	
Molecular docking, PKPD, and assessment of toxicity of few chalcone analogues as EGFR inhibitor in search of anticancer agents	Reddy, PurraBuchi; Reddy, M. B. Madhusudhana; Reddy, Ramkrishna; Chhajed, Santosh; Gupta, Pramodkumar P.	STRUCTURAL CHEMISTRY	2020	
Frequency dependence of AC conductivity and dielectric properties evaluation of in-situ prepared polyaniline/manganese dioxide composite	Kulakarni, Yankappa A.; Jagadeesh, M. R.; Jambaladinni, Sahebagouda; Kumar, H. M. Suresh; Vasanthkumar, M. S.; Shivakumara, S.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2020	
Photoluminescence of mixed phase CaSiO <sub>3</sub> :Ce <sup>3+</sup> nanophosphors	Dhanu, R.; Prakashbabu, D.; Bindu, P.; Kumar, M. Madesh; Ponkumar, S.; Krishna, R. Hari; Rahulan, K. Mani	OPTIK	2020	



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Characterization and Evaluation of Joint Properties of FSWed AA6061/SiC/FA Hybrid AMCs Using Different Tool Pin Profiles	Sachinkumar; Narendranath, S.; Chakradhar, D.	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS	2020	
Defect related photoluminescence study of V2O5: Dy <sup>3+</sup> nanostructures	Navyashree, G. R.; Sunitha, D. V.; Hareesh, K.; Nagaraju, G.	OPTIK	2020	
Optimized neural network model for attack detection in LTE network	Jyothi, K. Krishna; Chaudhari, Shilpa	COMPUTERS & ELECTRICAL ENGINEERING	2020	
Comparative node selection-based localization technique for wireless sensor networks: A bilateration approach	Tabassum, Nikhath; Devanagavi, Geetha D.; Biradar, Rajashekhar C.; Lazarescu, Mihai T.	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2020	
Anomalous current-voltage and impedance behaviour in doped Poly 3-methylthiophene devices	Anjaneyulu, P.; Varade, Vaibhav; Sangeeth, C. S. Suchand; Menon, Reghu	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2020	
Local structure and electrical switching in Al <sub>20</sub> Te <sub>75</sub> X <sub>5</sub> (X = Si, Ge, As, Sb) glasses	Wilson, P. T.; Ramanna, R.; Chahal, Shweta; Shekhawat, Roopali; Kumar, M. Madesh; Ramesh, K.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2020	
Optimal DBN-based distributed attack detection model for Internet of Things	Ramesh Babu, Meenigi; Veena, Kalludi Narasimhaiah	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2020	
A novel piracy protection scheme for videos using force-induced pixels	Bhadra, Jayati; Murthy, M. Vinayaka; Banga, M. K.	MULTIMEDIA TOOLS AND APPLICATIONS	2020	
Molecular Modelling and In silico Engineering of PapMV-CP Towards Display and Development of Capripox Viral Like Particles Based on Immunogenic P32 Envelop Protein is the Homologous of the Vaccinia-Viral H3L Gene: An In silico Approach	Kumar, Burranboina Kiran; Kumar, K. M.; Reddy, G. B. Manjunatha; Abraham, Sunil; Yogisharadhya, R.; Prashantha, C. N.	INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS	2020	
STABILIZED DOMAIN-WALL PINNING IN A CONSTRICTED NANOWIRE	Prashanth, Basutkar Umamaheshwar Venkata; Ahmed, Mohammed Riyaz	MATERIALI IN TEHNOLOGIJE	2020	
Influence of electron beam irradiation on structural, thermo and photoluminescence properties of SrTiO <sub>3</sub> :Sm <sup>3+</sup> nanophosphor	Yeshodamma, S.; Hareesh, K.; Nagabhushana, H.; Dwivedi, Jishnu; Petwal, V. C.; Sunitha, D. V.	OPTIK	2020	
TLSA: A Two Level Scheduling Algorithm for Multiple packets Arrival in TSCH Networks	Asuti, Manjunath G.; Basarkod, Prabhugoud I.	KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS	2020	
Anti-biofilm efficiency of 120 MeV Fe <sup>9+</sup> SHI-irradiated polyimide film	Joshi, R. P.; Hareesh, K.; Bhadane, M. S.; Bankar, A., V.; Asokan, K.; Dahiwal, S. S.; Bhoraskar, V. N.; Dhole, S. D.	RADIATION EFFECTS AND DEFECTS IN SOLIDS	2020	
Investigations on Electrical Resistivity and Dielectric Properties of Dy Doped MgO-ZrO <sub>2</sub> Composite Material Towards a Model of Urban Studies Classification	Marappa, B.; Pattar, Vinayak; Munirathnam, K.; Rudresha, M. S.	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	2020	
	Balaji, B. Preedip; Dhanamjaya, M.	KNOWLEDGE ORGANIZATION	2020	
CNTs-COOH Paste Electrode for Detection of Temozolomide	Reddy, Sathish; Archana, Gade; Zhao, Rong; Qiao, Xiao; Shenfeng, Chen; Haigian, Liu; He, Liumin; Ramakrishana, Seeram	IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION	2020	

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A comprehensive overview and recent advances on polyhydroxyalkanoates (PHA) production using various organic waste streams	Saratale, Rijuta Ganesh; Cho, Si-Kyung; Saratale, Ganesh Dattatraya; Kadam, Avinash A.; Ghodake, Gajanan S.; Kumar, Manu; Bharagava, Ram Naresh; Kumar, Gopalakrishnan; Kim, Dong Su; Mulla, Sikandar, I; Shin, Han Seung	BIORESOURCE TECHNOLOGY	2021	
Single-Atom (Iron-Based) Catalysts: Synthesis and Applications	Singh, Baljeet; Gawande, Manoj B.; Kute, Arun D.; Varma, Rajender S.; Fornasiero, Paolo; McNeice, Peter; Jagadeesh, Rajenahally, V; Beller, Matthias; Zboril, Radek	CHEMICAL REVIEWS	2021	
COVID-19 and Cancer Comorbidity: Therapeutic Opportunities and Challenges	Pathania, Anup S.; Prathipati, Philip; Abdul, Bakrudeen A. A.; Chava, Srinivas; Katta, Santharam S.; Gupta, Subash C.; Gangula, Pandu R.; Pandey, Manoj K.; Durden, Donald L.; Byrareddy, Siddappa N.; Challagundla, Kishore B.	THERANOSTICS	2021	
An efficient metaheuristic algorithm based feature selection and recurrent neural network for DoS attack detection in cloud computing environment	SaiSindhuTheja, Reddy; Shyam, Gopal K.	APPLIED SOFT COMPUTING	2021	
Providing diagnosis on diabetes using cloud computing environment to the people living in rural areas of India	Rajput, Dharmendra Singh; Bash, Syed Muzamil; Xin, Qin; Gadekallu, Thippa Reddy; Kaluri, Rajesh; Lakshmana, Kuruva; Maddikunta, Praveen Kumar Reddy	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	2021	
Infrared photodetectors based on multiwalled carbon nanotubes: Insights into the effect of nitrogen doping	Kumar, Rajeev; Khan, Mustaque A.; Anupama, A., V; Krupanidhi, Saluru B.; Sahoo, Balaram	APPLIED SURFACE SCIENCE	2021	
Harnessing the biocatalytic attributes and applied perspectives of nanoengineered laccases-A review	Bilal, Muhammad; Ashraf, S. Salman; Cui, Jiandong; Lou, Wen-Yong; Franco, Marcelo; Mulla, Sikandar, I; Iqbal, Hafiz M. N.	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2021	
Enhanced visible light-driven photocatalysis of iron-oxide/titania composite: Norfloxacin degradation mechanism and toxicity study	Mohan, Harshavardhan; Ramasamy, Mohankandhasamy; Ramalingam, Vaikundamoorthy; Natesan, Karthi; Duraisamy, Maruthamani; Venkatachalam, Janaki; Shin, Taeho; Seralathan, Kamala-Kannan	JOURNAL OF HAZARDOUS MATERIALS	2021	
Highly efficient visible light driven photocatalytic activity of zinc/ferrite: Carbamazepine degradation, mechanism and toxicity assessment	Mohan, Harshavardhan; Ramalingam, Vaikundamoorthy; Adithan, Aravinthan; Natesan, Karthi; Seralathan, Kamala-Kannan; Shin, Taeho	JOURNAL OF HAZARDOUS MATERIALS	2021	
A Comprehensive Review of Authentication Schemes in Vehicular Ad-Hoc Network	Azam, Farooque; Yadav, Sunil Kumar; Priyadarshi, Neeraj; Padmanaban, Sanjeevikumar; Bansal, R. C.	IEEE ACCESS	2021	

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Degradation mechanism and toxicity reduction of methyl orange dye by a newly isolated bacterium <i>Pseudomonas aeruginosa</i> MZ520730	Kishor, Roop; Purchase, Diane; Saratale, Ganesh Dattatraya; Romanholo Ferreira, Luiz Fernando; Hussain, Chaudhery Mustansar; Mulla, Sikandar, I; Bharagava, Ram Naresh	JOURNAL OF WATER PROCESS ENGINEERING	2021	
Evolutionary Tracking of SARS-CoV-2 Genetic Variants Highlights an Intricate Balance of Stabilizing and Destabilizing Mutations	Jacob, Jobin John; Vasudevan, Karthick; Pragasam, Agila Kumari; Gunasekaran, Karthik; Veeraraghavan, Balaji; Mutreja, Ankur	MBIO	2021	
Experimental and computational studies of sonochemical assisted anchoring of carbon quantum dots on reduced graphene oxide sheets towards the photocatalytic activity	Ashritha, M. G.; Rondiya, Sachin R.; Cross, Russell W.; Dzade, Nelson Y.; Dhole, S. D.; Hareesh, K.; Sunitha, D., V	APPLIED SURFACE SCIENCE	2021	
Box-Behnken Response Surface Methodology for Optimization of Process Parameters for Dairy Washed Milk Scum Biodiesel Production	Srikanth, H., V; Venkatesh, J.; Godiganur, Sharanappa	BIOFUELS-UK	2021	
Atranorin, an antimicrobial metabolite from lichen <i>Parmotrema rampoddense</i> exhibited in vitro anti-breast cancer activity through interaction with Akt activity	Harikrishnan, Adhikesavan; Veena, V.; Lakshmi, B.; Shanmugavalli, R.; Theres, Sonia; Prashantha, C. N.; Shah, Tanya; Oshin, K.; Togam, Ringu; Nandi, Sisir	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2021	
From Infection to Immunity: Understanding the Response to SARS-CoV2 Through In-Silico Modeling	Castiglione, Filippo; Deb, Debashrito; Srivastava, Anurag P.; Lio, Pietro; Liso, Arcangelo	FRONTIERS IN IMMUNOLOGY	2021	
Fecal pollution mediates the dominance of stochastic assembly of antibiotic resistome in an urban lagoon (Yundang lagoon), China	Hou, Liyuan; Wang, Hongjie; Chen, Qingfu; Su, Jian-Qiang; Gad, Mahmoud; Li, Jiangwei; Mulla, Sikandar, I; Yu, Chang-Ping; Hu, Anyi	JOURNAL OF HAZARDOUS MATERIALS	2021	
Design and Analysis of Super Wideband Antenna for Microwave Applications	Balani, Warsha; Sarvagya, Mrinal; Samasgikar, Ajit; Ali, Tanweer; Kumar, Pradeep	SENSORS	2021	
Various strategies applied for the removal of emerging micropollutant sulfamethazine: a systematic review	Mulla, Sikandar I.; Bagewadi, Zabin K.; Faniband, Basheerabegum; Bilal, Muhammad; Chae, Jong-Chan; Bankole, Paul Olusegun; Saratale, Ganesh Dattatraya; Bhargava, Ram Naresh; Gurumurthy, Dummi Mahadevan	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2021	
GB-SVNN: Genetic BAT assisted support vector neural network for arrhythmia classification using ECG signals	Vishwanath, Bhagyalakshmi; Pujeri, Ramchandra Vittal; Devanagavi, Geetha Dundesh	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES	2021	
Nanoencapsulation in low-molecular-weight chitosan improves in vivo antioxidant potential of black carrot anthocyanin	Chatterjee, Niladri Sekhar; Dara, Pavan Kumar; Perumcherry Raman, Sreerekha; Vijayan, Divya K.; Sadasivam, Jayashree; Mathew, Suseela; Ravishankar, Chandragiri Nagarajarao; Anandan, Rangasamy	JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE	2021	
Molecular screening of antimalarial, antiviral, anti-inflammatory and HIV protease inhibitors against spike glycoprotein of coronavirus	Prashantha, C. N.; Gouthami, K.; Lavanya, L.; Bhavanam, Sivaramireddy; Jakhar, Ajay; Shakthiraju, R. G.; Suraj, V.; Sahana, K. V.; Sujana, H. S.; Guruprasad, N. M.; Ramachandra, R.	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2021	

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In vitro cytotoxicity efficacy of phytosynthesized Ag/ZnO nanocomposites using <i>Murraya koenigii</i> and <i>Zingiber officinale</i> extracts	Selvan, Dominic Savio Arumai; Keerthi, Murugan; Murugesan, Sundararajan; Shobana, Sugumar; Lakshmi, Basavegowda; Veena, Vijaykumar; Rahiman, Aziz Kalilur	MATERIALS CHEMISTRY AND PHYSICS	2021	
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Microwave radiation induced performance modifications of dye-sensitized solar cells	Devi, S. Bharathi; Babu, D. Prakash; Kumar, S. Naresh; Ponkumar, S.	RADIATION EFFECTS AND DEFECTS IN SOLIDS	2021	
A review on electrical and gas-sensing properties of reduced graphene oxide-metal oxide nanocomposites	Kiranakumar, H., V; Thejas, R.; Naveen, C. S.; Khan, M. Ijaz; Prasanna, G. D.; Reddy, Sathish; Oreijah, Mowffaq; Guedri, Kamel; Bafakeeh, Omar T.; Jameel, Mohammed	BIOMASS CONVERSION AND BIOREFINERY	2022	
Therapeutic Implications of Caffeic Acid in Cancer and Neurological Diseases	Alam, Manzar; Ahmed, Sarfraz; Elsbali, Abdelbaset Mohamed; Adnan, Mohd; Alam, Shoaib; Hassan, Imtaiyaz; Pasupuleti, Visweswara Rao	FRONTIERS IN ONCOLOGY	2022	
Integration of IoT based routing process for food supply chain management in sustainable smart cities	Nagarajan, Senthil Murugan; Deverajan, Ganesh Gopal; Chatterjee, Puspita; Alnumay, Waleed; Muthukumar, V.	SUSTAINABLE CITIES AND SOCIETY	2022	
COVID-19: comprehensive review on mutations and current vaccines	Hebbani, Ananda Vardhan; Pulakuntla, Swetha; Pannuru, Padmavathi; Aramgam, Sreelatha; Badri, Kameswara Rao; Reddy, Vaddi Damodara	ARCHIVES OF MICROBIOLOGY	2022	
Autophagy and EMT in cancer and metastasis: Who controls whom?	Gundamaraju, Rohit; Lu, Wenying; Paul, Manash K.; Jha, Niraj Kumar; Gupta, Piyush Kumar; Ojha, Shreesh; Chattopadhyay, Indranil; Rao, Pasupuleti Visweswara; Ghavami, Saeid	BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE	2022	
Public key encryption with equality test for Industrial Internet of Things system in cloud computing	Deverajan, Ganesh Gopal; Muthukumar, V.; Hsu, Ching-Hsien; Karuppiyah, Marimuthu; Chung, Yeh-Ching; Chen, Ying-Huei	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	2022	
Therapeutic Outcomes of Isatin and Its Derivatives against Multiple Diseases: Recent Developments in Drug Discovery	Cheke, Rameshwar S.; Patil, Vaishali M.; Firke, Sandip D.; Ambhore, Jaya P.; Ansari, Iqrar A.; Patel, Harun M.; Shinde, Sachin D.; Pasupuleti, Visweswara Rao; Hassan, Md Imtaiyaz; Adnan, Mohd; Kadri, Adel; Snoussi, Mejd	PHARMACEUTICALS	2022	
Bioelectrochemical technologies for removal of xenobiotics from wastewater	Gupta, Sanjay Kumar; Rachna; Singh, Bhaskar; Mungray, Arvind Kumar; Bharti, Rupam; Nema, Arvind Kumar; Pant, K. K.; Mulla, Sikandar, I	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	2022	
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Improved photocatalytic activity of TiO <sub>2</sub> nanoparticles through nitrogen and phosphorus co-doped carbon quantum dots: an experimental and theoretical study	Yashwanth, H. J.; Rondiya, Sachin R.; Dzade, Nelson Y.; Hoye, Robert L. Z.; Choudhary, Ram J.; Phase, Deodatta M.; Dhole, Sanjay D.; Hareesh, K.	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2022	
Bax/Bcl-2 Cascade Is Regulated by the EGFR Pathway: Therapeutic Targeting of Non-Small Cell Lung Cancer	Alam, Manzar; Alam, Shoaib; Shamsi, Anas; Adnan, Mohd; Elsbali, Abdelbaset Mohamed; Abu Al-Soud, Waleed; Alreshidi, Mousa; Hawsawi, Yousef MohammedRabaa; Tippana, Anitha; Pasupuleti, Visweswara Rao; Hassan, Md Imtaiyaz	FRONTIERS IN ONCOLOGY	2022	
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Potential Therapeutic Implications of Caffeic Acid in Cancer Signaling: Past, Present, and Future	Alam, Manzar; Ashraf, Ghulam Md; Sheikh, Kayenat; Khan, Anish; Ali, Sabeeha; Ansari, Md. Meraj; Adnan, Mohd; Pasupuleti, Visweswara Rao; Hassan, Md. Imtaiyaz	FRONTIERS IN PHARMACOLOGY	2022	
A systematic review on potential microbial carbohydrases: current and future perspectives	Golgeri, Dilshad Begum M.; Mulla, Sikandar, I; Bagewadi, Zabin K.; Tyagi, Swati; Hu, Anyi; Sharma, Swati; Bilal, Muhammad; Bharagava, Ram Naresh; Ferreira, Luiz Fernando R.; Gurumurthy, Dummi Mahadevan; Nadda, Ashok Kumar	CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION	2022	
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Hepatoprotective Potential of Malaysian Medicinal Plants: A Review on Phytochemicals, Oxidative Stress, and Antioxidant Mechanisms	Venmathi Maran, Balu Alagar; Iqbal, Mohammad; Gangadaran, Prakash; Ahn, Byeong-Cheol; Rao, Pasupuleti Visweswara; Shah, Muhammad Dawood	MOLECULES	2022	
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Structural, electrical, and magnetic properties of nano Sr <sub>1-x</sub> La <sub>x</sub> Fe <sub>2</sub> O <sub>19</sub> (X=0.2-0.8)	Basha, D. Baba; Kumar, N. Suresh; Naidu, K. Chandra Babu; Kumar, G. Ranjith	SCIENTIFIC REPORTS	2022	

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A spongy Rhizophora mucronata derived ultra-high surface area activated carbon for high charge density supercapacitor device	Siddiqa, Aisha; Sherugar, Prajwal; Nagaraju, D. H.; Padaki, Mahesh	JOURNAL OF ENERGY STORAGE	2022	
Spectral change and far-red emission of Mn <sup>2+</sup> ions co-doped NaSrB <sub>5</sub> O <sub>9</sub> :Dy <sup>3+</sup> +luminescence material for plant growth LEDs*	Munirathnam, K.; Mallikarjuna, Koduru; Vijaya, R.; Nagajyothi, P. C.; Reddy, K. Ramakrishna; Srinivas, M.	JOURNAL OF RARE EARTHS	2022	
Color tunable SrZrO <sub>3</sub> :Sm <sup>3+</sup> nanopowders with satisfactory photoluminescent, band engineering properties for warm white LEDs and advanced forensic applications	Sushma, K. C.; Kumar, Santosh; Nagaraju, G.; Aarti, D. P.; Reddy, M. B. Madhusudana; Rudresha, M. S.; Basavaraj, R. B.	JOURNAL OF MOLECULAR STRUCTURE	2022	
Electron Acoustic Peregrine Breathers in a Quantum Plasma With 1-D Temperature Anisotropy	Das, Arnab; Ghosh, Payel; Chandra, Swarniv; Raj, Vishal	IEEE TRANSACTIONS ON PLASMA SCIENCE	2022	
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Response Surface Methodology Based Optimization, Partial Purification and Characterization of Alkaline Phosphatase Isolated from Pseudomonas asiatica Strain ZKB1 and its Application in Plant Growth Promotion	Bagewadi, Zabin K.; Yaraguppi, Deepak A.; Mulla, Sikandar I.; Deshpande, Sanjay H.	MOLECULAR BIOTECHNOLOGY	2022	
Eco-friendly magnetic Solid-Phase extraction and deep eutectic solvent for the separation and detection of parabens from the environmental water and urine samples	Pasupuleti, Raghavendra Rao; Hsieh, Jing-Ru; Pasupuleti, Visweswara Rao; Huang, Yeou-Lih	MICROCHEMICAL JOURNAL	2022	

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Tetragonal structure and dielectric behaviour of rare-earth substituted La <sub>0.8</sub> Co <sub>(0.16-x)</sub> Eu <sub>(0.04)</sub> Gd <sub>x</sub> TiO <sub>3</sub> (x=0.04-0.16) nanorods	Kumar, N. Suresh; Suvarna, R. Padma; Reddy, K. Rama Krishna; Babu, T. Anil; Ramesh, S.; Reddy, B. Venkata Shiva; Manjunatha, H.; Naidu, K. Chandra Babu	MATERIALS CHEMISTRY AND PHYSICS	2022	
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Effect of carbon nanotubes on microhardness and adhesion strength of high-velocity oxy-fuel sprayed NiCr-Cr <sub>3</sub> C <sub>2</sub> coatings	Kuruba, Manjunatha; Gaikwad, Giridhara; Natarajan, Jegadeeswaran; Koppad, Praveennath G.	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS	2022	
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Co-biomass degradation of fluoranthene by marine-derived fungi; Aspergillus aculeatus and Mucor irregularis: Comprehensive process optimization, enzyme induction and metabolic analyses	Bankole, Paul Olusegun; Omoni, Victor Taghohor; Mulla, Sikandar Imamsab; Adebajo, Seun Owolabi; Adekunle, Adedotun Adeyinka	ARABIAN JOURNAL OF CHEMISTRY	2022	
Hybrid optimization enabled deep learning technique for multi-level intrusion detection	Selvan, G. S. R. Emil; Azees, M.; Vinodkumar, CH. Rayala; Parthasarathy, G.	ADVANCES IN ENGINEERING SOFTWARE	2022	

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A review on nanomaterial-based electrodes for the electrochemical detection of chloramphenicol and furazolidone antibiotics	Abhishek, K. J.; Reddy, Sathish; Acharya, Shubha; Lakshmi, B.; Deepak, K.; Naveen, C. S.; Harish, K. N.; Ramakrishna, Seeram	ANALYTICAL METHODS	2022	
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Comparative study of nitrogen doped multi walled carbon nanotubes grafted with carboxy methyl cellulose hybrid composite by inverse gas chromatography and its UV photo detectors application	Kumar, Basivi Praveen; Rao, Pasupuleti Visweswara; Hamieh, Tayssir; Kim, Chang Woo	JOURNAL OF CHROMATOGRAPHY A	2022	
Palm tree structure based data aggregation and routing in underwater wireless acoustic sensor networks: Agent oriented approach	Krishnaswamy, Vani; Manvi, Sunilkumar S.	JOURNAL OF KING SAUD UNIVERSITY- COMPUTER AND INFORMATION SCIENCES	2022	
Highly efficient catalysts of ruthenium clusters on Fe3O4/MWCNTs for the hydrogen evolution reaction	Ramachandra, Shwetha Kolathur; Nagaraju, Doddahalli Hanumantharayudu; Marappa, Shivanna; Kapse, Samadhan; Thapa, Ranjit	NEW JOURNAL OF CHEMISTRY	2022	
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Photocatalytic degradation of organic textile dyes using tellurium-based metal alloy	Mahendra, K.; Fernandes, Jean Maria; Fernandes, Brian Jeevan; Bindu, K.; Ramesh, K. P.	VACUUM	2022	
Impact of Single Amino Acid Substitutions in Parkinsonism- Associated Deglycase-PARK7 and Their Association with Parkinson's Disease	Anjum, Farah; Joshia, Namrata; Mohammad, Taj; Shafie, Alaa; Alhumaydhi, Fahad A.; Aljasir, Mohammad A.; Shahwan, Moyad J. S.; Abdullaev, Bekhzod; Adnan, Mohd; Elsbali, Abdelbaset Mohamed; Pasupuleti, Visweswara Rao; Hassan, Md Imtaiyaz	JOURNAL OF PERSONALIZED MEDICINE	2022	
Preparation of self-assembled porous flower-like nanostructured magnetite (Fe3O4) electrode material for supercapacitor application	Manikandan, N.; Lakshmi, B.; Shivakumara, S.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2022	
A review: electrical and gas sensing properties of polyaniline/ferrite nanocomposites	Ramakrishnaiah, Thejas; Gunderi Dhananjaya, Prasanna; Vakwadi Sainagesh, Chaturmukha; Reddy, Sathish; Kumaraswamy, Swaroop; Chikkahanumajja Surendranatha, Naveen	SENSOR REVIEW	2022	
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Blast Protection Techniques: A Review	Kangda, Muhammed Zain	ARCHIVES OF COMPUTATIONAL METHODS IN ENGINEERING	2022	
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Gaussian Regression Models for Evaluation of Network Lifetime and Cluster-Head Selection in Wireless Sensor Devices	George, Anna Merine; Kulkarni, S. Y.; Kurian, Ciji Pearl	IEEE ACCESS	2022	

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Microstrip line fed dielectric resonator antenna optimization using machine learning algorithms	Singh, Om; Bharamagoudra, Manjula R.; Gupta, Harshit; Dwivedi, Ajay Kumar; Ranjan, Pinku; Sharma, Anand	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	2022	
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Structural and spectral properties of triple-color emitting Eu doped SrZr <sub>4</sub> (PO <sub>4</sub> ) <sub>6</sub> phosphors: Plant growth LEDs application	Kumar, T. G. Vijay; Munirathnam, K.; Reddy, C. Parthasaradhi; Thiyagaraj, S.; Venkatachalaiah, K. N.; Nagajyothi, P. C.	OPTIK	2022	
Multifunctional biogenic Al-doped zinc oxide nanostructures synthesized using bioreductant chaetomorpha linum extricate exhibit excellent photocatalytic and bactericidal ability in industrial effluent treatment (Aug. 10.1007/s13399-022-03177-7, 2022)	Somu, Prathap; Khanal, Hari Datta; Gomez, Levin Anbu; Vinaykumar, R.; Shim, Jae-Jin; Lee, Yong Rok	BIOMASS CONVERSION AND BIOREFINERY	2022	
Direct Torque Control of Induction Motor Using ConvLSTM Based on Gaussian Pillbox Surface	Potturi, Sudharani; Reddy, K. Jyotheeswara; Dash, Ritesh; Jena, Ramakanta; Subburaj, Vivekanandan; Dhanamjayulu, C.	MATHEMATICAL PROBLEMS IN ENGINEERING	2022	
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Exploration of NMI-MsCl mediated amide bond formation for the synthesis of novel 3,5-substituted-1,2,4-oxadiazole derivatives: synthesis, evaluation of anti-inflammatory activity and molecular docking studies	Kulkarni, B.; Manjunatha, K.; Joy, Muthipeedika Nibin; Sajith, Ayyiliath Meleveetil; Santra, Sougata; Zyryanov, Grigory, V; Prashantha, C. N.; Alshammari, Mohammed B.; Sunil, K.	MOLECULAR DIVERSITY	2022	
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Experimental study for optimizing superfinishing process parameters of high-quality alloy bearing steel	Qasem, Isam; Hussien, Ahmed A.; Janvekar, Ayub Ahmed; Kataraki, Pramodkumar S.; Pracki, Mirosław; Mujeeb, M. Abdul	SURFACE TOPOGRAPHY-METROLOGY AND PROPERTIES	2022	
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