

SCOPUS PUBLICATIONS

Year wise number of publications

Year	2002	2005	2006	2007	2008	2009	2010	2011
Number of Publications	1	2	6	19	27	32	19	31

Year	2012	2013	2014	2015	2016	2017	2018
Number of Publications	45	51	91	116	93	56	64

SCOPUS PUBLICATIONS 2017

NO	Year	Document Title	Authors	ISSN	Journal Title	Volume	NO
1	2017	FPGA implementation of high speed and low power viterbi decoder using reverse algorithm of convolution encoder	Ramesh K., Sudha S.	15461955	Journal of Computational and Theoretical Nanoscience	14	12
2	2017	A new hybridized speech enhancement technique for stationary and non-stationary noisy environments	Senthamizh Selvi R., Suresh G.R., Kanaga Suba Raja S.	15461955	Journal of Computational and Theoretical Nanoscience	14	12
3	2017	Performance analysis of localization algorithm for energy efficient node deployment in underwater acoustic sensor networks	Hema R., Rose S.S., Sudha S.	9766340	International Journal of Mechanical Engineering and Technology	8	11
4	2017	Dynamic analysis of the boiler drum of a coal-fired thermal power plant	Chandrasekharan S., Panda R.C., Natrajan Swaminathan B.	375497	Simulation	93	11
5	2017	Twitter recommender systems: A topological and interest oriented approach	Koquilamballe K., Mahalakshmi G.S.	15461955	Journal of Computational and Theoretical Nanoscience	14	11
6	2017	Quantitative growth analysis of pulp necrotic tooth (post-op) using modified region growing active contour model	Shanmugam L., Gunasekaran K., Natarajan A., Kaliaperumal V.	17519659	IET Image Processing	11	11

7	2017	Ensuring fishermen safety through a range based system by trizonal localization using low power RSSI	Reddy N.G.K.K., Ramakrishnan G., Rajeshwari K.	2017 4th International Conference on Signal Processing, Communication and Networking, ICSCN 2017	
8	2017	Remote controlled human navigational assistance for the blind using intelligent computing	Anandkumar K.M., Krishnan A., Deepakraj G., Nishanth N.	ACM International Conference Proceeding Series	
9	2017	Feature selection using firefly algorithm in software defect prediction	Anbu M., Anandha Mala G.S.	13867857	Cluster Computing
10	2017	Optimal data dissemination over wireless network	Kalyan Chakaravarthi P., Suriyakrishnaan K., Sujatha K.S.	Proceedings of 2017 3rd IEEE International Conference on Sensing, Signal Processing and Security, ICSSS 2017	
11	2017	Improvement of network lifetime with security and load balancing mobile data clustering for wireless sensor networks	Abdulasik A., Suriyakrishnaan K.		Proceedings of 2017 3rd IEEE International Conference on Sensing, Signal Processing and Security, ICSSS 2017
12	2017	A server based load analysis of smart meter systems	Elakshumi S., Ponraj A.		2017 International Conference On Nextgen Electronic Technologies: Silicon to Software, ICNETS2 2017

13	2017	Neural network based dynamic threshold generator for sensor failure detection in a three tank interacting level process	Nagarajan S., Karthikeyan B., Sobana S.	Proceedings - TIMA 2017: 9th International Conference on Trends in Industrial Measurement and Automation			
14	2017	Cloud connected smart car park	Ravishankar S., Theetharappan N.		Proceedings of the International Conference on IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2017		
15	2017	Effect of direct evaporative cooling during the charging process of phase change material based storage system for building free cooling application – A real time experimental investigation	Panchabikesan K., Antony Aroul Raj V., Abaranji S., Vellaichamy P., Ramalingam V.	3787788	Energy and Buildings	152	
16	2017	Hydrophobic structural modification of chitosan and its impact on nanoparticle synthesis – A physicochemical study	Jothimani B., Sureshkumar S., Venkatachalapathy B.	1448617	Carbohydrate Polymers	173	
17	2017	Erratum to: Cross-layer based congestion detection and routing protocol using fuzzy logic for MANET (Wireless Networks, (2017), 23, 5, (1373-1385), 10.1007/s11276-016-1211-5)	Anuradha M., Anandha Mala G.S.	10220038	Wireless Networks	23	7
18	2017	Congestion control through policy based scheduling algorithm	Mohanarangan S., Sivakumar D.	15461955	Journal of Computational and Theoretical Nanoscience	14	9

19	2017	Enhancement of mechanical properties of Luffa fiber/epoxy composite using B ⁴ C	Jino R., Pugazhenti R., Ashok K.G., Ilango T., Kalyana Chakravarthy P.R.	21567573	Journal of Advanced Microscopy Research	12	2
20	2017	Interactive clothes based on Internet of Things using NFC and mobile application	Reddy N.G.K.K., Rajeshwari K.		2016 Management and Innovation Technology International Conference, MITiCON 2016		
21	2017	Privacy enhanced data communication protocol for wireless body area network	Gowtham M., Ahila S.S.		2017 4th International Conference on Advanced Computing and Communication Systems, ICACCS 2017		
22	2017	Pseudo pipelined coordinate rotation digital computer discrete cosine transform architecture for image compression	Jessintha D., Kannan M.	15461955	Journal of Computational and Theoretical Nanoscience	14	8
23	2017	Investigation on phase change material-based flat plate heat exchanger modules for free cooling applications in energy-efficient buildings	Rajagopal M., Dinesh Babu R., Antony Aroul Raj V., Velraj R.	17512549	Advances in Building Energy Research	11	2
24	2017	Synthesis and Characterization of Surface Modified, Fluorescent and Biocompatible ZnS Nanoparticles with a Hydrophobic Chitosan Derivative	Jothimani B., Sureshkumar S., Venkatachalapathy B.	10530509	Journal of Fluorescence	27	4

25	2017	Monitoring and analysis of PQ parameters after first order derivative function to suppress the background instability in harmonic signal	Srividhya J.P., Sivakumar D.	15461955	Journal of Computational and Theoretical Nanoscience	14	7
26	2017	Cross-layer based congestion detection and routing protocol using fuzzy logic for MANET	Anuradha M., Anandha Mala G.S.	10220038	Wireless Networks	23	5
27	2017	An efficient coronary disease diagnosis system using dual-phase multi-objective optimization and embedded feature selection	Priyatharshini R., Chitrakala S.	15483657	International Journal of Intelligent Information Technologies	13	3
28	2017	Hierarchical replication and multiversion concurrency control model for mobile database systems (MDS)	Mohana M., Jaykumar C.	10220038	Wireless Networks	23	5
29	2017	Classification of normal and knee joint disorder vibroarthrographic signals using multifractals and support vector machines	Jac Fredo A.R., Josena T.R., Palaniappan R., Mythili A.	10162372	Biomedical Engineering - Applications, Basis and Communications	29	3
30	2017	Structural and phase transition of Mg-doped on Mn-site in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ bulk/nanostructured perovskite characterised through online ultrasonic technique	Somasundaram P., Kathiresan S., Mathu S., Mohanraj S., Arumugam K., Srinivasan S., Nallaiyan P., Venkatachalam R., Gurusamy R.	10269185	South African Journal of Chemical Engineering	23	

31	2017	Fault diagnostics of spur gear using decision tree and fuzzy classifier	Krishnakumari A., Elayaperumal A., Saravanan M., Arvindan C.	2683768	International Journal of Advanced Manufacturing Technology	89	9-12
32	2017	Dynamic resource allocation based on energy consumption using hyped-up voltage frequency scaling model in cloud computing	Senthamarai N., Vijayalakshmi M.	15461955	Journal of Computational and Theoretical Nanoscience	14	4
33	2017	Third hankel determinant for bi-starlike and bi-convex functions of order	Chinthamani S., Gangadharan A., Muthucumarasamy R.	15461955	Journal of Computational and Theoretical Nanoscience	14	4
34	2017	Interactive clothes based on IOT using NFC and Mobile Application	Kishore Kumar Reddy N.G., Rajeshwari K.	2017 IEEE 7th Annual Computing and Communication Workshop and Conference, CCWC 2017			
35	2017	The Photovoltaic module fed Push Pull converter with MPPT controller for Solar energy applications	Preethishri R.S., Selvi K.K.		1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2016		
36	2017	Development of four stress levels in group stroop colour word test using HRV analysis	Vanitha L., Suresh G.R., Chandrasekar M., Punita P.	0970938X	Biomedical Research (India)	28	1
37	2017	An evolutionary path for control of air pollution from road transport	Manohar G., Kavuri S.R.	15829596	Environmental Engineering and Management Journal	16	1

38	2017	Mechanical characterization of GFRP/CFRP/natural fiber laminated in epoxy resin composite	Sivasaravanan S., Padmanabhan S., Akash S., Shankara Narayanan H.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9	14
39	2017	Design and analysis of sports bike wheel spokes	Joel C., Elumalai B., Anand S., Padmanabhan S.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9	14
40	2017	Computational analysis of combustion, performance and emission characteristics on di diesel engine with variable intake geometries	Raj Kiran K., Prasanna Raj Yadav S., Saravanan C.G., James Gunasekaran E., Perumal R.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9	14
41	2017	A unique method to decompose hyperspectral images with transformed pixel data	Jeyakumar S., Sudha S.	9734562	International Journal of Applied Engineering Research	10	17
42	2017	IOT based automation of fish farming	Kiruthika S.U., Raja S.K.S., Jaichandran R.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9	1
43	2017	Dissecting power of certain matrix languages	Julie J., Baskar Babujee J., Masilamani V.	3029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and	10398	

					Lecture Notes in Bioinformatics)		
44	2017	Predictive Modeling of Integrated Boiler Unit for a Coal Fired Thermal Power Plant	Chandrasekharan S., Panda R.C., Swaminathan B.N.	21945756	International Journal of Emerging Electric Power Systems	18	3
45	2017	Fault tolerant topology control with mobility prediction in manets for clinical care data transmission.	Manohari D., Mala G.S.A., Kumar K.M.A.	0970938X	Biomedical Research (India)	2017	
46	2017	Sensor based spectacles, waist-belt and footwear for visually impaired people	Sundar R., Madan A.T.M.	9766308	International Journal of Civil Engineering and Technology	8	6
47	2017	Computational study of pressure side film cooling"effect of density ratio with combination of holes	Radheesh D., Ssheshan P., Gnanasekaran N., Panda R.K.	21954356	Lecture Notes in Mechanical Engineering		
48	2017	Equilibrium and modelling studies for the removal of crystal violet dye from aqueous solution using eco-friendly activated carbon prepared from sargassm wightii seaweeds	Jayganesh D., Tamilarasan R., Kumar M., Murugavelu M., Sivakumar V.	20282508	Journal of Materials and Environmental Science	8	4
49	2017	Fabrication of porous composite material for crash energy absorption	Sivasaravanan S., Padmanabhan S., Sathish Kumar K., Jishnuvardhan Reddy M.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9	14

50	2017	Face image retrieval of efficient sparse code words and multiple attribute in binning image	Suchitra S.	15168913	Brazilian Archives of Biology and Technology	60	
51	2017	Mathematical model for integrated coal fired thermal boiler using physical laws	Sreepradha C., Panda R.C., Bhuvanewari N.S.	3605442	Energy	118	
52	2017	Cognitive radio and its impact of throughput with channel optimization techniques	Suseela B., Sivakumar D.	15461955	Journal of Computational and Theoretical Nanoscience	14	1
53	2017	Equilibrium and modelling studies for the removal of crystal violet dye from aqueous solution using eco-friendly activated carbon prepared from Sargassm wightii seaweeds	Jayganesh D., Tamilarasan R., Kumar M., Murugavelu M., Sivakumar V.	20282508	Journal of Materials and Environmental Science	8	6
54	2017	Analysis of framelets for the microcalcification	Thivya K.S., Sakthivel P.	21945357	Advances in Intelligent Systems and Computing	459	
55	2017	Synthesis of Hexagonal ZnO-PQ7 Nano Disks Conjugated with Folic Acid to Image MCF 7 Cancer Cells	Sureshkumar S., Jothimani B., Sridhar T.M., Santhosh A., Venkatachalapathy B.	10530509	Journal of Fluorescence	27	1
56	2017	Upshot of occupational stress on work life balance of employees working in information technology organizations in Chennai	Kala K., Akbar Jan N., Subramani A.K., Banureka R.	9752854	Prabandhan: Indian Journal of Management	10	7

SCOPUS PUBLICATIONS 2018

NO	Year	Document Title	Authors	ISSN	Journal Title	Volume	NO
1	2018	Electrical, magnetic and structural properties of polymer-blended lanthanum-added nickel nano-ferrites	Lenin N., Sakthipandi K., Rajesh Kanna R., Rajkumar G.	2728842	Ceramics International	44	17
2	2018	Energy saving and smart billing system for household consumers connected to a smart grid in Tamil Nadu Power System	Vijeesh V., Ponkarthika B., Kaliappan E., Surendar M., Vignesh M.		Proceedings of the International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2018		
3	2018	Two Layer Cloud Security Set Architecture on Hypervisor	Sathyanarayanan N., Nanda M.N.		Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018		
4	2018	Maintenance of Medical Records Database and Simulation of Gene Therapy using Big Data Concepts	Saagar S., Naveen Nanda M., Nair N.S.K., Kannan S.		IEEE International Conference on 2018 Recent Advances on Engineering, Technology and Computational Sciences, RAETCS 2018		
5	2018	An Electric-Field Based Breathing Rate Monitor	Areekath L., George B., Shruthi P., Sharanya M., Sudha S.		MeMeA 2018 - 2018 IEEE International Symposium on		

					Medical Measurements and Applications, Proceedings		
6	2018	Friction surfacing of AISI 316 over mild steel: A characteriation study	George Sahaya Nixon R., Mohanty B.S., Sathish R.	22149147	Defence Technology	14	4
7	2018	Influence of fluoride for enhancing bioactivity onto phosphate based glasses	Rajkumar G., Dhivya V., Mahalaxmi S., Rajkumar K., Sathishkumar G.K., Karpagam R.	223093	Journal of Non-Crystalline Solids	493	
8	2018	Electrochemical, mechanical and Osseo integration evaluation of NBPC-coated 316L SS by EPD	Manonmani R., Vinodhini S.P., Venkatachalapathy B., Sridhar T.M.	2670844	Surface Engineering	34	7
9	2018	Categorization of Images Using Auto encoder Hashing and Training of Intra Bin Classifiers for Image Classification and Annotation	Mercy Rajaselvi Beulah P., Manjula D., Sugumaran V.	1485598	Journal of Medical Systems	42	7
10	2018	Characterization of Friction-Surfaced SS316 Overlaid on Medium-Carbon Steel	Nixon R.G.S., Mohanty B.S.	1876990X	Silicon	10	4
11	2018	Review of leaf drying: Mechanism and influencing parameters, drying methods, nutrient preservation, and mathematical models	Babu A.K., Kumaresan G., Raj V.A.A., Velraj R.	13640321	Renewable and Sustainable Energy Reviews	90	

12	2018	Investigation of mechanical and electrical properties of Kevlar/E-glass and basalt/E-glass reinforced hybrid composites	Santhosh M.S., Sasikumar R., Natrayan L., Senthil Kumar M., Elango V., Vanmathi M.	22496890	International Journal of Mechanical and Production Engineering Research and Development	8	3
13	2018	A novel report on architecture, protocols and applications in Internet of Things (IoT)	Praveen Kumar R., Smys S.		Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018		
14	2018	Self-learning of braille using haptic interface for children	Srihari C., Prashanthi S., Sriranjani V., Sobithaahila S.		IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017		
15	2018	Effect of Al ₂ O ₃ nano-additives on the performance and emission characteristics of jatropa and pongamia methyl esters in compression ignition engine	Prabhu A., Reddy B.K., Nagappan M., Bharath N.	1430750	International Journal of Ambient Energy		
16	2018	Effect of process parameters on physical measurements of AISI316 stainless steel coating	Nixon R.G.S., Mohanty B.S., Bhaskar G.B.	10426914	Materials and Manufacturing Processes	33	7

		on EN24 in friction surfacing					
17	2018	Robust fault tolerant satellite launcher flight control system	Nagarajan S., Karthikeyan B.		Proceedings - 2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCA 2017	2018-	
18	2018	Maximizing Light Cycle Oil (Lco) production in fluid catalytic cracker	Kalaiselvi T., Selvasundar K., Kumaresan M.K.		Proceedings - 2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCA 2017	2018-	
19	2018	User specific xenogogy from social media	Varalakshmi P.V., Sarayu T., Selvi N.D.T.		Proceedings - 2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCA 2017	2018-	
20	2018	Fuzzy based fault detection and	Navaseelan P.,		Proceedings - 2017	2018-	

		isolation of super heater faults in industrial boiler	Bhuvanewari N.S.		IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCA 2017		
21	2018	Intelligent level control in horizontal cylindrical tank	Raghunath K., Viknesh S.A., Kanagasabai A., Prasaad R.K., Sobana S.		Proceedings - 2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCA 2017	2018-	
22	2018	Synthesis of cracked Mahua oil using coal ash catalyst for diesel engine application	Muthukumaran N., Prasanna Raj Yadav S., Saravanan C.G., Sekar T.	1430750	International Journal of Ambient Energy		
23	2018	Graph based generation of research paper summaries	Adline A.L.A., Mahalakshmi G.S., Sendhilkumar S.	15461955	Journal of Computational and Theoretical Nanoscience	15	4
24	2018	Investigation on the effect of thermal barrier coating at different dosing levels of cerium oxide nanoparticle fuel on diesel in a CI engine	Shaisundaram V.S., Chandrasekaran M., Mohan Raj S., Muraliraja R.	1430750	International Journal of Ambient Energy		

25	2018	Preparation of eco-friendly and low-cost activated carbon from gracilaria corticata seaweeds for the removal of crystal violet dye from aqueous solution: Equilibrium and modeling studies	Jayganesh D., Tamilarasan R., Kumar M., Murugavelu M., Sivakumar V.	1252526	Chiang Mai Journal of Science	45	2
26	2018	3S: A radio identification based continuous spectrum sensing protocol for safety of women in cognitive radio networks	Abhipriya R., Aysha S., Gayathri K., Kathiravan K.		Proceedings of the 2017 IEEE International Conference on Communication and Signal Processing, ICCSP 2017	2018-	
27	2018	Enhancement in free cooling potential through PCM based storage system integrated with direct evaporative cooling (DEC) unit	Panchabikesan K., Vincent A.A.R., Ding Y., Ramalingam V.	3605442	Energy	144	
28	2018	A Self-Learning Fuzzy Rule-based System for Risk-Level Assessment of Coronary Heart Disease	Priyatharshini R., Chitrakala S.	3772063	IETE Journal of Research		
29	2018	Prediction of effective rainfall and crop water needs using data mining techniques	Abishek B., Priyatharshini R., Eswar M.A., Deepika P.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural	2018-	

					Development, TIAR 2017		
30	2018	Providing a friendly e-health care environment to rural women during pregnancy and child growth	Sribhavani S., Sunitha H., Subhiksha B.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
31	2018	IoT based smart soil monitoring system for agricultural production	Ananthi N., Divya J., Divya M., Janani V.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
32	2018	Automated irrigation with advanced seed germination and pest control	Arvind G., Athira V.G., Haripriya H., Rani R.A., Aravind S.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
33	2018	Fault detection of wind turbine system using neural networks	Nithya M., Nagarajan S., Navaseelan P.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR	2018-	

					2017		
34	2018	Automatic plant monitoring and controlling system over GSM using sensors	Priya C.G., Abishek Pandu M., Chandra B.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
35	2018	Rice husk as an alternate fuel	Nayak R.K., Athira V.G., Selvan D., Kumar S.S.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
36	2018	A paradigm for rice yield prediction in Tamil Nadu	Mariappan A.K., Ben Das J.A.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
37	2018	Identification of organic fruits using color and size features	Gnanapriya S., Esakkipriya P., Kavipriya R., Sangeethakamatchi C., Sandhya M.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	

38	2018	Design of ZigBee based wireless sensor network for early flood monitoring and warning system	Balaji V., Akshaya A., Jayashree N., Karthika T.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
39	2018	Design and development of a multi-utility agricultural vehicle	Karthikeyam K., Sundar S.S., Subramaniam C.B.S., Sivakumar P.S.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
40	2018	Maximum power point using P&O technique for photovoltaic system	More D.N., Naik A.V., Kumar V.C.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
41	2018	Demand based crop recommender system for farmers	Raja S.K.S., Rishi R., Sundaresan E., Srijit V.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
42	2018	Smart farming systems using	Ramyra R., Sandhya C.,		Proceedings - 2017	2018-	

		sensors	Shwetha R.		IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017		
43	2018	Disease detection in crops using remote sensing images	Shanmugam L., Adline A.L.A., Aishwarya N., Krithika G.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
44	2018	Control of carbon dioxide emission in automobile vehicles using CO ₂ scrubber	Shaisundaram V.S., Chandrasekaran M., Mohan Raj S., Muraliraja R., Vinodkumar T.	1430750	International Journal of Ambient Energy		
45	2018	Embedding data in audio signals using HSA-EMD algorithm	Selvi R.S., Kishore R., Suresh G.R., Raja S.K.S.		ICONSTEM 2017 - Proceedings: 3rd IEEE International Conference on Science Technology, Engineering and Management	2018-	
46	2018	Automatic detection and quantification of calcium objects from clinical images for risk level assessment of coronary	Priyatharshini R., Chitrakala S.	1860949X	Studies in Computational Intelligence	730	

		disease					
47	2018	Lightweight composite leaf springs for automotive application	Murugu Nachippan N., Venkatesh A.P., Muniyappan M., Reddy M.K.	22496890	International Journal of Mechanical and Production Engineering Research and Development	2018	
48	2018	Named entity recognition for automated test case generation	Mahalakshmi G., Vijayan V., Antony B.	16833198	International Arab Journal of Information Technology	15	1
49	2018	Thermal analysis of carbon-carbon piston for commercial vehicle diesel engine using CAE tool	Joel C., Anand S., Padmanabhan S., Prasanna Raj Yadav S.	1430750	International Journal of Ambient Energy		
50	2018	Evaluation of self compacting concrete with partial replacement of recycled aggregates	Dinesh Kumar R., Ravichandran P.T., Divya Krishnan K.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	10	4
51	2018	Conversion of non-audible murmur to normal speech based on full-rank Gaussian mixture model	Rajesh Kumar T., Suresh G.R., Kanaga Suba Raja S.	15461955	Journal of Computational and Theoretical Nanoscience	15	1
52	2018	Toeplitz matrices whose elements are coefficients of functions with Bounded	Radhika V., Jahangiri J.M., Sivasubramanian S., Murugusundaramoorthy G.	23915455	Open Mathematics	16	1

		Boundary Rotation					
53	2018	Human emotion surveillance using computer vision	Radha R., Atchatha M., Kaushik B., Agassi Felix A., Staflin Betzy G.	2227524X	International Journal of Engineering and Technology(UAE)	7	4
54	2018	Structural analysis and mechanical properties of lignite fly-ash added jute-epoxy polymer matrix composite	Sathishkumar G.K., Rajkumar G., Srinivasan K., Umapathy M.J.	7316844	Journal of Reinforced Plastics and Composites	37	2
55	2018	Exploration of carbon deposit on spark plug of stratified charged gasoline direct injection engine	Prem Anand B., Prasanna Raj Yadav S., Dhanadevi S.R., Kanimozhi P., Pavadharani T.	1430750	International Journal of Ambient Energy		
56	2018	Geometric properties of Bessel functions for the classes of Janowski starlike and convex functions	Radhika V., Sivasubramanian S., Cho N.E., Murugusundaramoorthy G.	15211398	Journal of Computational Analysis and Applications	25	3
57	2018	Studies on mechanical properties of luffa acutangula/ lignite fly ash reinforced composites	Jino R., Sriraman M., Arthika B., Ashok K.G.	2227524X	International Journal of Engineering and Technology(UAE)	7	2
58	2018	Modelling and analysis of piezoelectric microgripper for unmanned aerial vehicle	Murugu Nachippan N., Venkatesh A.P., Muniyappan M.	22147853	Materials Today: Proceedings	5	9
59	2018	Knowledge based framework for genetic disease diagnosis using data mining technique	Haritha P., Priyatharshini R., Abishek A.G., Kamala Kiran V.	18650929	Communications in Computer and Information	877	

					Science		
60	2018	Development of paper-based chemosensor for the detection of mercury ions using mono- and tetra-sulfur bearing phenanthridines	Ponram M., Balijapalli U., Sambath B., Iyer S.K., Venkatachalapathy B., Cingaram R., Natesan Sundaramurthy K.	11440546	New Journal of Chemistry	42	11
61	2018	Human-robot interaction using three-dimensional gestures	Ponmani K., Sridharan S.	18761100	Lecture Notes in Electrical Engineering	492	
62	2018	Experimental study and investigation on wear characteristics of aluminium-nano boron carbide (AL-B4C) metal matrix	Venkatesh A.P., Backiyaraj A., Muniyappan M., Kumar Reddy S.M.	22496890	International Journal of Mechanical and Production Engineering Research and Development	2018	
63	2018	Effect of fuel injection strategies on the performance of the common rail diesel injection (CRDI) engine powered by biofuel	Prem Anand B., Prasanna Raj Yadav S., Aasthiya B., Akshaya G., Arulmozhi K.	1430750	International Journal of Ambient Energy		
64	2018	Certain investigations on effective rate adaptation in cognitive radio with channel characteristics	Suseela B., Sivakumar D.	14709503	International Journal of Networking and Virtual Organisations	19	2-4