LIST OF RESEARCH PUBLICATIONS IN WOS AND SCOPUS INDEXED JOURNALS DURING 2016-2021 (last FIVE Years)								
S No	Faculty Name	Dept	Article Title	Journal Title	Vol	Year	Index	IF
1	D.Shoba Rajkumar	Civil	Flexural Strength of polyester fiber reinforced hybrid ferrocement hollow slabs	Journal of Structural Engineering	43(3)	2016	WoS	2.6
2	D.Shoba Rajkumar	Civil	Bending Analysis of hybrid ferrocement hollow slabs	Journal of Structural Engineering	37(4)	2010	WoS	2.6
3	M Anbarasu	Civil	Local-distortional buckling interaction on cold-formed steel lipped channel beams	Thin-Walled Structures	98	2016	WoS	4.4
4	M Anbarasu	Civil	Structural performance of cold-formed steel composite beams	Steel and Composite Structures	27(5)	2018	Scopus	
5	M Anbarasu	Civil	Behaviour and design of cold-formed lean duplex stainless steel lipped channel columns	Thin-Walled Structures	104	2016	WoS	4.4
6	M Anbarasu	Civil	Behaviour of partly stiffened cold-formed steel built-up beams: Experimental investigation and numerical validation	Advances in Structural Engineering	22(1)	2019	Scopus	
7	M Anbarasu	Civil	Improved design procedure for battened cold-formed steel built-up columns composed of lipped angles	Journal of Constructional Steel Research	164	2020	WoS	3.7
8	M Anbarasu	Civil	Experimental study on cold-formed steel web stiffened lipped channel columns undergoing distortional–global interaction	Materials and Structures	49(4)	2016	Scopus	
9	M Anbarasu	Civil	Effect of spacers on ultimate strength and behavior of cold-formed steel built-up columns	Procedia engineering	173	2017	Scopus	
10	M Anbarasu	Civil	Flexural strength of cold-formed steel built-up composite beams with rectangular compression flanges	Steel Composite and Structures	34(2)	2020	Scopus	
11	M Anbarasu	Civil	Axial capacity of CFS built-up columns comprising of lipped channels with spacers: nonlinear response and design	Engineering Structures	213	2020	WoS	4.5
12	M Anbarasu	Civil	Simulation of flexural behaviour and design of cold-formed steel closed built-up beams composed of two sigma sections for local buckling	Engineering Structures	191	2019	WoS	4.5

13	M Anbarasu	Civil	Behaviour of cold-formed steel built-up I-section columns composed of four U-profiles	Advances in Structural Engineering	22(3)	2019	Scopus	
14	M Anbarasu	Civil	Effect of angle stiffeners on the flexural strength and stiffness of cold-formed steel beams	Steel and Composite Structures	33(2)	2019	Scopus	
15	M Anbarasu	Civil	Interaction of local-flexural buckling for cold-formed lean duplex stainless steel hollow columns	Thin-Walled Structures	112	2017	WoS	4.4
16	M Anbarasu	Civil	Behaviour of cold-formed steel built-up battened columns composed of four lipped angles: Tests and numerical validation	Advances in Structural Engineering	23(1)	2020	Scopus	
17	M Anbarasu	Civil	Numerical investigation on behaviour and design of cold-formed steel built-up column composed of lipped sigma channels	Advances in Structural Engineering	22(8)	2019	Scopus	
18	M Anbarasu	Civil	Efficient cross-sectional profiling of built up CFS beams for improved flexural performance	Steel and Composite Structures	34(3)	2020	Scopus	
19	M Anbarasu	Civil	Strength and behavior of cold-formed steel built-up battened columns: tests and numerical validation	Journal of Structural Engineering	46(2)	2019	WoS	2.6
20	M Anbarasu	Civil	Behavior of CFS built-up battened columns: Parametric study and design recommendations	Structural Engineering and Mechanics	74(3)	2020	Scopus	
21	M Anbarasu	Civil	A numerical investigation of local–distortional–lateral-torsional buckling interaction of cold-formed steel lipped channel beams	Asian Journal of Civil Engineering	18(4)	2017	Scopus	
22	M Anbarasu	Civil	Effect of external strengthening on the flexural capacity of cold-formed steel beams	Materials Today: Proceedings	39	2921	Scopus	
23	M Anbarasu	Civil	Cold-formed ferritic stainless steel closed built-up beams: Flexural behaviour and numerical parametric study	Thin-Walled Structures	164	2021	WoS	4.4
24	M Anbarasu	Civil	Flexural behaviour of cover plated CFS built-up beams composed of lipped channels: Comparison of test and design strengths	Structures	30	2021	WoS	3
25	M Anbarasu	Civil	Structural behavior of intermediate length cold-formed steel rack columns with C-stitches	Frontiers of Structural and Civil Engineering	13(4)	2019	Scopus	

26	M Anbarasu	Civil	Testing and FE simulation of lightweight CFS composite built-up columns: Axial strength and deformation behaviour	Thin-Walled Structures	167	2021	WoS	4.4
27	M Anbarasu	Civil	Cold-Formed Steel Built-Up I-Beam with the Trapezoidal Corrugated Web: Tests and Numerical Simulation	Journal of The Institution of Engineers (India): Series A		2021	Scopus	
28	M Anbarasu	Civil	Wide-flanged CFS built-up columns: comparison of test strengths, numerical strengths and design strengths	Innovative Infrastructure Solutions	6(3)	2021	Scopus	
29	M Anbarasu	Civil	Testing of cold-formed ferritic stainless steel stub columns: axial behaviour and design strengths	Innovative Infrastructure Solutions	6(3)	2021	Scopus	
30	M Anbarasu	Civil	Parametric study and Improved design guidelines of CFS battened built-up columns	Steel and Composite Structures	40(5)	2021	Scopus	
31	M Anbarasu	Civil	A Simplified Design Method for Lateral–Torsional Buckling of GFRP Pultruded I-Beams	Arabian Journal for Science and Engineering	46(5)	2021	Scopus	
32	M Anbarasu	Civil	Simplified approach to estimate the lateral torsional buckling of GFRP channel beams	Structural Engineering and Mechanics	77(4)	2021	Scopus	
33	P. Senthamilselvi	Civil	Experimental and analytical study on flexural behaviour of fly ash and paper sludge ash based geopolymer concrete	Computers and Concrete	21(2)	2018	Scopus	
34	P. Senthamilselvi	Civil	Effect of incinerated paper sludge ash on fly ash-based geopolymer concrete	Journal Gradevinar	69(9)	2017	WoS	1
35	T.Murugesan	Civil	Sugarcane bagasse ash-blended concrete for effective resource utilization between sugar and construction industries	Sugar Tech		2020	Scopus	
36	T.Murugesan	Civil	Development of sustainable alkali activated binder for construction using sugarcane bagasse ash and marble waste	Sugar Tech	22(5)	2020	Scopus	
37	T.Murugesan	Civil	Sustainable use of sugarcane bagasse ash and marble slurry dust in crusher sand based concrete	Structural Concrete	22	2021	WoS	3.1

38	T.Murugesan	Civil	Sustainable Opportunities for Sugar Industries Through Potential Reuse of Sugarcane Bagasse Ash in Blended Cement Production	Sugar Tech		2021	Scopus	
39	T.Murugesan	Civil	Reuse of Silica Rich Sugarcane Bagasse Ash in Concrete and Influence of Different Curing on the Performance of Concrete	Silicon		2021	Scopus	
40	T.Balusamy	Mech	Evaluating the potential of Azadirachta indica–assisted zinc oxide particles as efficacious nanofluids by convective experiments with twisted tape annexed circular tube	Biomass Conversion and Biorefinery		2021	Scopus	
41	T.Balusamy	Mech	Behaviour of Hydrogen During the Manufacture of Rail Steels	Transactions of the Indian Institute of Metals	72(12)	2019	Scopus	
42	T.Balusamy	Mech	Analysis of vibration signal responses on pre induced tunnel defects in friction stir welding using wavelet transform and empirical mode decomposition	Defence Technology	15(6)	2019	WoS	3.2
43	T.Balusamy	Mech	Hydrogen Anti-flaking Heat Treatment in VAR89S Rail Steel	Transactions of the Indian Institute of Metals	72(10)	2019	Scopus	
44	T.Balusamy	Mech	Numerical model of natural convective heat transfer within a solar dryer using an indirect double pass collector	International Journal of Ambient Energy	39(8)	2018	WoS	3.5
45	T.Balusamy	Mech	Behaviour of Hydrogen in Industrial Scale Steel Melts	Transactions of the Indian Institute of Metals	71(10)	2018	Scopus	
46	T.Balusamy	Mech	Experimental investigation on the performance and emission characteristics of a diesel engine by varying the injection pressure and injection timing using mixed biodiesel	International Journal of Green Energy	15(6)	2018	WoS	2.5
47	S.Sivalakshmi	Mech	Optimization of window type and vent parameters on single-sided natural ventilation buildings. Journal of Thermal Analysis and Calorimetry	Journal of Thermal Analysis and Calorimetry	136	2019	Scopus	

48	P. Natarajan	Mech	Mechanical and Morphological Characteristics Study of Chemically Treated Banana Fiber Reinforced Phenolic Resin Composite with Vajram Resin	Journal of Natural Fibers		2021	WoS	5.3
49	A.P.Sathiyagnanam	Mech	Performance and emission study of a single cylinder diesel engine fuelled with n-octanol/WPO with some modifications	International Journal of Ambient Energy	42(7)	2021	WoS	3.5
50	A.P.Sathiyagnanam	Mech	Effect of retarded injection timing and EGR on performance, combustion and emission characteristics of a CRDi diesel engine fueled with WHDPE oil/diesel blends	Fuel	278	2020	WoS	6.6
51	A.P.Sathiyagnanam	Mech	Effect of anisole addition to waste cooking oil methyl ester on combustion, emission and performance characteristics of a DI diesel engine without any modifications	Fuel	278	2020	WoS	6.6
52	A.P.Sathiyagnanam	Mech	Prediction and optimization of engine characteristics of a DI diesel engine fueled with cyclohexanol/diesel blends	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	42	2020	WoS	3.4
53	A.P.Sathiyagnanam	Mech	Comparative account of the effects of two high carbon alcohols (C5 & C6) on combustion, performance and emission characteristics of a DI diesel engine	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	42	2020	WoS	3.4
54	A.P.Sathiyagnanam	Mech	Analysis the optimum inlet air temperature for controlling homogeneous charge compression ignition (HCCI) engine	Alexandria engineering journal	57(4)	2018	WoS	3.7
55	A.P.Sathiyagnanam	Mech	Effective utilization of waste plastic oil in a direct injection diesel engine using high carbon alcohols as oxygenated additives for cleaner emissions	Energy Conversion and Management	166	2018	WoS	7.9
56	A.P.Sathiyagnanam	Mech	Prediction of emissions and performance of a diesel engine fueled with n-octanol/diesel blends using response surface methodology	Journal of Cleaner Production	184	2018	WoS	7.9

57	A.P.Sathiyagnanam	Mech	Cleaner emissions from a DI diesel engine fueled with waste plastic oil derived from municipal solid waste under the influence of n-pentanol addition, cold EGR, and injection timing	Environmental Science and Pollution Research	25(14)	2018	Scopus	
58	A.P.Sathiyagnanam	Mech	Combined influence of injection timing and EGR on combustion, performance and emissions of DI diesel engine fueled with neat waste plastic oil	Energy Conversion and Management	161	2018	WoS	7.9
59	A.P.Sathiyagnanam	Mech	Performance and emission characteristics of homogeneous charge compression ignition engine–a review	International Journal of Ambient Energy	38	2017	WoS	3.5
60	A.P.Sathiyagnanam	Mech	Effect of inlet charge temperature on a diesel-fuelled homogeneous charge compression ignition engine	International Journal of Ambient Energy	38	2017	WoS	3.5
61	A.P.Sathiyagnanam	Mech	The effect of exhaust gas recirculation on performance and emission characteristics of HCCI engine	International Journal of Ambient Energy	38	2017	WoS	3.5
62	A.P.Sathiyagnanam	Mech	Extraction and characterization of waste plastic oil (WPO) with the effect of n-butanol addition on the performance and emissions of a DI diesel engine fueled with WPO/diesel blends	Energy Conversion and Management	83	2017	WoS	7.9
63	V.Satheeshkumar	Mech	A study on wear behaviour of electrical discharge-coated magnesium alloy	Journal of Bio-and Tribo-Corrosion	5(1)	2019	Scopus	
64	V.Satheeshkumar	Mech	Surface modification of ZE41A magnesium alloy using electrical discharge coating with semi sintered electrode	International Journal of Machining and Machinability of Materials	21	2019	Scopus	
65	V.Satheeshkumar	Mech	An investigation on electrical discharge metal matrix coating of ZE41A magnesium alloy	Metallurgical Research & Technology	118	2021	WoS	1
66	V.Geetha	EEE	Energy optimization with higher information quality for SHM application in wireless sensor networks	IEEE Sensors Journal	19	2019	WoS	3.1
67	V.Geetha	EEE	Magnetotactic Bacteria Moment Migration Optimization Algorithm for Generators Real-Power Rescheduling in Deregulated Power System	Journal of Computational and Theoretical Nanoscience	15	2018	Scopus	

68	V.Geetha	EEE	Optimal relocating of compensators for real-reactive power management in distributed systems	Journal of Electrical Engineering and Technology	13	2018	WoS	1.1
69	S.Senthilkumar	EEE	Optimal reactive power dispatch for minimization of real power loss using SBDE and DE-strategy algorithm	Journal of Ambient Intelligence and Humanized Computing		2020	Scopus	
70	S.Senthilkumar	EEE	Image registration based cervical cancer detection and segmentation using ANFIS classifier	Asian Pacific journal of cancer prevention	19	2018	Scopus	
71	S.Senthilkumar	EEE	Efficient Implementation of MESVPWM in FPGA for Single Phase Cascaded H-Bridge Multilevel Inverter in VLSI	Journal of Computational and Theoretical Nanoscience	14	2017	Scopus	
72	S.Senthilkumar	EEE	An Intelligent Control of Three Phase Shunt Active Power Filter for Power Quality Improvement	Journal of Computational and Theoretical Nanoscience	14	2017	Scopus	
73	S.Senthilkumar	EEE	Lambda optimization of constraint violating units in short-term thermal unit commitment using modified dynamic programming	Turkish Journal of Electrical Engineering & Computer Sciences	25	2017	Scopus	
74	S.Senthilkumar	EEE	Genetically tuned fuzzy PID controller in two area reheat thermal power system	Russian Electrical Engineering	87	2016	Scopus	
75	J.S.Christy Mano Raj	EEE	A global MPPT technique invoking partitioned estimation and strategic deployment of P&O to tackle partial shading conditions	Solar Energy	143	2017	WoS	4.7
76	D.Murali	EEE	Investigation of maximum observability of standard test bus systems with phasor measurement units using flower pollination algorithm	International Journal of Communication Systems	34	2021	WoS	2
77	D.Murali	EEE	Low-Cost Real-Time Design and Implementation of Phasor Measurement Unit using Analog Discovery	Microprocessors and Microsystem	76	2020	WoS	1.5
78	D.Murali	EEE	Experimental validation of multi-loop controllers for two-level cascaded positive output boost converter	Journal of Power Electronics		2020	Scopus	

79	D.Murali	EEE	Performance analysis of a highly efficient dual output buck converter with zvs operation for led lighting applications	Journal of Electrical Engineering	19	2019	Scopus	
80	D.Murali	EEE	Comparative Analysis of Sinusoidal PWM Strategies for Three Phase Symmetrical Cascaded H-bridge Seventeen Level Inverter with Reduction of Switches	Journal of Electrical Engineering	17	2017	Scopus	
81	C.Govindaraju	EEE	Adaptive single carrier multilevel modulation for grid connected single phase modular multilevel inverter	Journal of Ambient Intelligence and Humanized Computing		2021	Scopus	
82	C.Govindaraju	EEE	Capacitor voltage based predictive voltage control and fault diagnosis for four-port converter	Journal of Ambient Intelligence and Humanized Computing		2021	Scopus	
83	C.Govindaraju	EEE	Combined phase balancing and reconfiguration for unbalanced distribution system optimization through hybrid fuzzy-MFOA	Journal of Ambient Intelligence and Humanized Computing		2021	Scopus	
84	C.Govindaraju	EEE	Minimizing electrodes for effective brain computer interface	Biomedical Signal Processing and Contro	63	2021	WoS	3.9
85	C.Govindaraju	EEE	PV-tied three-port DC–DC converter-operated four-wheel-drive hybrid electric vehicle (HEV)	Electrical Engineering	102	2020	WoS	1.8
86	C.Govindaraju	EEE	An integrated isolated inverter fed bldc motor for photovoltaic agric pumping systems	Microprocessors and Microsystems	79	2020	WoS	1.5
87	C.Govindaraju	EEE	Integrated predictive control and fault diagnosis algorithm for single inductor-based DC-DC converters for photovoltaic systems	Circuit World		2020	Scopus	
88	C.Govindaraju	EEE	Flower pollination algorithm for distribution system phase balancing considering variable demand	Microprocessors and Microsystems	74	2020	WoS	1.5
89	C.Govindaraju	EEE	Development of a Power Management Algorithm for PV/Battery Powered Plug-In Dual Drive Hybrid Electric Vehicle (DDHEV)	Electric Power Components and Systems		2020	WoS	1.1
90	C.Govindaraju	EEE	Hydroponic-based smart irrigation system using Internet of Things	International Journal of Communication Systems		2019	WoS	2

91	C.Govindaraju	EEE	A novel input data transition aware dynamic voltage scaling based low power MAC architecture for DSP applications	Design Automation for Embedded Systems	21	2017	WoS	3.8
92	C.Govindaraju	EEE	Dual input dual output power converter with one-step-ahead control for hybrid electric vehicle applications	IET Electrical Systems in Transportation	7(3)	2017	WoS	1.2
93	D.Ashokaraju	EEE	Synchronous Reference Frame Theory Based Controller for Unified Power Quality Conditioner in Three-Phase Four-Wire Distribution System	Journal of Electrical Engineering	18	2018	Scopus	
94	T.R.Sumithira	EEE	Design and Implementation of New Topology for Non-Isolated DC-DC Microconverter with Effective Clamping Circuit	Journal of Circuits, Systems, and Computers	28	2019	WoS	0.8
95	T.R.Sumithira	EEE	Design and implementation of new topology for solar PV based transformerless forward microinverter	Journal of Electrical Engineering & Technology	14	2019	WoS	1.1
96	T.R.Sumithira	EEE	Humpback Whale Assisted Hybrid Maximum Power Point Tracking Algorithm for Partially Shaded Solar Photovoltaic System	Journal of Power Electronics	18	2018	Scopus	
97	T.R.Sumithira	EEE	INVESTIGATION AND IMPLEMENTATION OF SOLAR PV BASED FORWARD MICROCONVERTER	Journal of Electrical Engineering	18	2018	Scopus	
98	T.R.Sumithira	EEE	Investigation and Implementation of New DC-DC Non-Isolated Topology for Solar PV Microconverter with Effective Clamping Circuit-Withdrawn	The Journal of Engineering		2018	Scopus	
99	T.R.Sumithira	EEE	Humpback whale assisted hybrid maximum power point tracking algorithm for partially shaded solar photovoltaic systems	Journal of Power Electronics	18	2018	Scopus	
100	S.Ganesan	EEE	A Multi-objective multi verse optimization algorithm for dynamic load dispatch problems	Knowledge Based Systems	231	2021	WoS	8
101	S.Ganesan	EEE	A hybridized approach for design and optimization of combined economic emission dispatch	Energy Sources, Part B: Economics, Planning, and Ploicy		2021	Wos	3.2

102	S.Ganesan	EEE	Development of a pedagogical framework to analyze the performance of induction machines	The International Journal of Electrical Engineering & Education	58	2021	WoS	1.3
103	S.Ganesan	EEE	ECONOMIC OPERATION OF MULTI-FUELPOWER SYSTEM CONSIDERING PROHIBITED OPERATING ZONES	International Journal of Electrical Engineering	28	2021	Scopus	
104	S.Ganesan	EEE	Distribution system state estimation with stability assessment using bio-inspired computing	IET Science, Measurement & Technology	14	2021	WoS	2
105	S.Ganesan	EEE	Distribution system state estimation with elegant PMU placements using a novel metaheuristic	International Journal of Smart Grid and Green Communications	2	2020	WoS	1
106	S.Ganesan	EEE	Multi-objective generation expansion and retirement planning using chaotic grasshopper optimisation algorithm	Australian Journal of Electrical and Electronics Engineering	16	2019	Scopus	
107	S.Ganesan	EEE	Phasor Measuring Unit (PMU) Placement Tested with Multiple Line Outages for Power System Data Communications	Journal of Computational and Theoretical Nanoscience	16	2019	Scopus	
108	S.Ganesan	EEE	Impact of Attacks and Its Alleviation on Phasor Measuring Units Placement in Power Distribution System Data Communications	Journal of Computational and Theoretical Nanoscience	16	2019	Scopus	
109	S.Ganesan	EEE	Generation and transmission expansion management using grasshopper optimization algorithm	International Journal of Engineering Business Management	11	2019	WoS	1
110	S.Ganesan	EEE	Generation scheduling with large-scale integration of renewable energy sources using grey wolf optimization	International Journal of Energy Sector Management		2018	WoS	1

111	S.Ganesan	EEE	Reliability/risk centered cost effective preventive maintenance planning of generating units	International Journal of Quality & Reliability Management		2018	WoS	1.2
112	S.Ganesan	EEE	Multi-fuel energy source dispatch considering bi-objectives using ant lion algorithm	International Journal of Energy Sector Management		2018	WoS	1
113	S.Ganesan	EEE	Thermal Unit Commitment Problem along with Wind Power Generation by Considering Generator Outages	Recent Advances in Electrical & Electronic Engineering		2018	Scopus	
114	S.Ganesan	EEE	Wind Integrated Thermal Unit Commitment Solution using Grey Wolf Optimizer.	International Journal of Electrical & Computer Engineering	7	2017	Scopus	
115	S.Ganesan	EEE	Unified reliability centric preventive generator MS measure using fuzzy decision mechanism-based ALO	IET Science, Measurement & Technology	11	2017	WoS	2
116	S.Ganesan	EEE	Multi-fuel power dispatch in an interconnected power system using ant lion optimizer: multi-fuel dispatch considering tie-line limits	International Journal of Energy Optimization and Engineering	6	2017	WoS	1
117	S.Ganesan	EEE	Optimal thermal unit commitment solution integrating renewable energy with generator outage	Iranian Journal of Electrical and Electronic Engineering	13	2017	Scopus	
118	S.Ganesan	EEE	Emission/fuel energy restricted dynamic optimal power flow using fuzzy-ant lion optimizer	International Journal of Energy Sector Management		2017	WoS	1
119	S.Ganesan	EEE	Multi-Fuel Power Dispatch Using Composite Cost Function Supported Ant Lion Optimizer	International Journal of Elecrical Engineering	24	2017	Scopus	
120	S.Ganesan	EEE	RELIABLE/COST-EFFECTIVE OPTIMIZATION FRAMEWORK FOR PRECISE PHASOR MEASUREMENT LOCATIONS	International Journal of Power and Energy Systems	37	2017	WoS	1.1
121	S.Ganesan	EEE	Generation scheduling with large-scale wind farms using grey wolf optimization	Journal of Electrical Engineering & Technology	12	2017	WoS	1.1

122	C.Vasanthanayaki	ECE	High performance error tolerant adders for image processing applications	IETE Journal of Research	67	2021	WoS	2.3
123	C.Vasanthanayaki	ECE	High performance compact energy efficient error tolerant adders and multipliers for 16-bit image processing applications	Microprocessors and Microsystems	5	2020	WoS	1.5
124	C.Vasanthanayaki	ECE	High performance four segment error tolerant adder for 8-bit pixel depth image processing applications	Journal of Signal Processing Systems		2020	WoS	1.4
125	C.Vasanthanayaki	ECE	HSI model-based image dehazing for remote sensing images	Journal of the Indian Society of Remote Sensing	48	2020	WoS	1.6
126	C.Vasanthanayaki	ECE	Secure medical health care content protection system (SMCPS) with watermark detection for multi cloud computing environment	Multimedia Tools and Applications	79	2020	WoS	2.8
127	C.Vasanthanayaki	ECE	Network condition based multi-level image compression and transmission in WSN	Computer Communications	150	2020	WoS	3
128	C.Vasanthanayaki	ECE	Texture-Based Fuzzy Connectedness Algorithm for Fetal Ultrasound Image Segmentation for Biometric Measurements	Soft computing for problem solving		2020	Scopus	
129	C.Vasanthanayaki	ECE	Particle swarm optimization-based energy efficient target tracking in wireless sensor network	Measurement	147	2019	WoS	4
130	C.Vasanthanayaki	ECE	De-speckling of ultrasound images using local statistics-based trilateral filter	Journal of Circuits, Systems and Computers	28	2019	Scopus	
131	C.Vasanthanayaki	ECE	Shape adaptive DCT compression for high quality surveillance using wireless sensor networks	Cluster Computing	22	2019	WoS	1.8
132	C.Vasanthanayaki	ECE	Design and Implementation of Computationally Efficient Arithmetic Unit	Journal of Electrical Engineering	19	2019	Scopus	
133	C.Vasanthanayaki	ECE	OPTIMIZED ENERGY EFFICIENT CLUSTERING AND ROUTING MECHANISM FOR TARGET TRACKING IN WSN	Journal of Electrical Engineering		2019	Scopus	
134	C.Vasanthanayaki	ECE	Ultrasound Fetal Image Segmentation Techniques: A Review	Current Medical Imaging	15	2019	WoS	0.9

135	C.Vasanthanayaki	ECE	Medical Image Quality Assessment Using CSO Based Deep Neural Network	Journal of medical systems	42	2018	WoS	4.5
136	C.Vasanthanayaki	ECE	High Performance Modified Static Segment Approximate Multiplier based on Significance Probability	Journal of Electronic Testing	34	2018	WoS	0.9
137	C.Vasanthanayaki	ECE	High performance static segment on-chip memory for image processing applications	Journal of Electronic Testing	34	2018	WoS	0.9
138	C.Vasanthanayaki	ECE	High speed energy efficient static segment adder for approximate computing applications	Journal of Electronic Testing	33	2017	WoS	0.9
139	C.Vasanthanayaki	ECE	High performance significance approximation error tolerance adder for image processing applications	Journal of Electronic Testing	32	2016	WoS	0.9
140	G.Kavitha	ECE	A Prognostic Energy Optimization Technique with unified power quality conditioner for energy stabilization in grid system	Computers & Electrical Engineering	94	2021	WoS	4
141	G.Kavitha	ECE	Memristor based high speed and low power consumption memory design using deep search method	Journal of Ambient Intelligence and Humanized Computing	12	2021	Scopus	
142	G.Kavitha	ECE	Accurate prediction of heart disease based on bio system using regressive learning based neural network classifier	Journal of Ambient Intelligence and Humanized Computing		2021	Scopus	
143	G.Kavitha	ECE	Time dependent anomaly detection system for smart environment using probabilistic timed automaton	Journal of Ambient Intelligence and Humanized Computing		2021	Scopus	
144	G.Kavitha	ECE	Time situate recurrence estimation technique for efficient data collection in war field sensor network	Microprocessors and Microsystems	73	2020	WoS	1.5
145	G.Kavitha	ECE	Reliability enhancement of a power semiconductor with optimized solder layer thickness	IEEE Transactions on Power Electronics	35	2019	WoS	6.2
146	G.Kavitha	ECE	Dynamic signal driving strategy based high speed and low powered dual edge triggered flip flop design used memory applications	Microprocessors and Microsystems	71	2019	WoS	1.5
147	G.Kavitha	ECE	Multi Attribute Real Time Traffic Inference Algorithm for Botnet Detection in Mobile Ad Hoc Network	Wireless Personal Communications	102	2018	WoS	1.7

148	A.M.Kalpana	CSE	An enhanced performance evaluation of workflow computing and scheduling using hybrid classification approach in cloud environment	Bulletin of the Polish Academy of Sciences: Technical Sciences		2021	Scopus	
149	A.M.Kalpana	CSE	Adaptive motion estimation and sequential outline separation based moving object detection in video surveillance system	Microprocessors and Microsystems	76	2020	WoS	1.5
150	A.M.Kalpana	CSE	Feature selection using fish swarm optimization in big data	Cluster Computing	22	2019	WoS	1.8
151	A.M.Kalpana	CSE	Survey on Content based Chunking in Data Deduplication on Cloud Storage Environment	Data Mining and Knowledge Engineering	10	2018	Scopus	
152	R.Golda Brunet	CSE	Anomaly detection in multivariate streaming PMU data using density estimation technique in wide area monitoring system	Expert Systems with Applications	175	2021	WoS	7
153	R.Golda Brunet	CSE	Transcription correction using group delay processing for continuous speech recognition	Circuits, Systems, and Signal Processing	37	2018	WoS	2.2
154	C.Rani	CSE	An automated low cost IoT based Fertilizer Intimation System for smart agriculture	SUSTAINABLE COMPUTING-INFORMATICS & SYSTEMS	28	2020	WoS	4
155	C.Rani	CSE	Design of smart logistics transportation system using MapReduce intelligent water drops algorithm in Hadoop environment	International Journal of Logistics Systems and Management	31	2018	Scopus	
156	K. Venkatesan	Mett	Performance Analysis of Nano Silicon Carbide Reinforced Swept Friction Stir Spot Weld Joint in AA6061-T6 Alloy	Silicon		2020	Scopus	
157	K. Venkatesan	Mett	Sustainable friction stir spot welding of 6061-T6 aluminium alloy using improved non-dominated sorting teaching learning algorithm	Journal of Materials Research and Technology	9	2020	WoS	5
158	K. Venkatesan	Mett	Evaluating weld properties of conventional and swept friction stir spot welded 6061-T6 aluminium alloy	Material Express	9	2019	Scopus	
159	K. Venkatesan	Mett	Influence of SiC Nanoparticle Reinforcement on FSS Welded 6061-T6 Aluminum Alloy	Journal of Nanomaterials		2018	Scopus	

160	K.Saranya	Phy	Synthesis of novel thiophene fused pyrazoline-thiocyanatoethanone derivative: Spectral, DFT, pharmacological, docking and in vitro antibacterial studies	Journal of Molecular Structure		2021	WoS	3.2
161	K.Saranya	Phy	Significance of thiocyanate moiety in antibacterial drug design	Advances in Functionalized Materials		2020	Scopus	
162	K.Saranya	Phy	Synthesis, structural, DFT investigations and antibacterial activity assessment of pyrazoline-thiocyanatoethanone derivatives as thymidylate kinase inhibitors	Journal of the Chinese Chemical Society	67	2020	Scopus	
163	T.Venugopal	Chem	An Amberlite IRA-400 Cl− ion-exchange resin modified with Prosopis juliflora seeds as an efficient Pb2+ adsorbent: adsorption, kinetics, thermodynamics, and computational modeling studies by density functional theory	RSC Advances		2021	WoS	3.4
164	T.Venugopal	Chem	Adaptive neuro-fuzzy inference system and artificial neural network modeling for the adsorption of methylene blue by novel adsorbent in a fixed-bed column method	Iranian Journal of Chemistry and Chemical Engineering	39	2020	Scopus	
165	T.Venugopal	Chem	Heavy metal index and geographical information system (GIS) approach to study heavy metal contamination: a case study of north Chennai groundwater			2020	WoS	3.9
166	T.Venugopal	Chem	Experimental and optimization studies for the adsorption of cationic dyes from synthetic waste water on the biomass of orthophosphoric acid activated barks of prosopis cineraria	Iranian Journal of Chemistry and Chemical Engineering		2020	Scopus	
167	T.Venugopal	Chem	Modelling the removal of lead from synthetic contaminated water by activated carbon from biomass of Diplocyclos Palmatus by RSM	Global Nest Journal	21	2019	Scopus	
168	T.Venugopal	Chem	Facile one-pot synthesis of flower like cobalt oxide nanostructures on nickel plate and its supercapacitance properties	Journal of nanoscience and nanotechnology	18	2018	Scopus	

169	T.Venugopal	Chem	Experimental and theoretical studies on the corrosion inhibition of brass in hydrochloric acid by N-(4-((4-benzhydryl piperazin-1-yl) methyl carbamoyl) phenyl) furan-2-carboxamide	International Journal of Corrosion		2018	Scopus	
170	T.Venugopal	Chem	Evaluation of ground water quality contaminants using linear regression and artificial neural network models	Arabian Journal of Geosciences	10	2017	WoS	1.8
171	T.Venugopal	Chem	Adsorption and quantum chemical studies on the inhibition potential of Mannich base for the corrosion of brass in acid medium	Arabian Journal for Science and Engineering	42	2017	WoS	2.3
172	T.Venugopal	Chem	Adsorption of Hexavalent Chromium from Aqeous Solution Onto Chemically Activated Ocimum Tenuiflorum Stem-A Kinetic, Linear Equilibrium and Thermodynamical Studies	Asian Journal of Research in Social Sciences and Humanities	7	2017	Scopus	
173	T.Venugopal	Chem	Synthesis, characterization and corrosion inhibition efficiency of N-(4-(Morpholinomethyl Carbamoyl Phenyl) Furan-2-Carboxamide for brass in HCl medium	Arabian Journal of Chemistry	9	2016	WoS	5
174	T.Venugopal	Chem	Effect of Methanol Extract of Prosopis juliflora on Mild Steel Corrosion in 1M HCl	Chemistry & Chemical Technology		2016	Scopus	