

Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by
Ribu D.C., Rajesh R., Thirumalaikumarasamy D., Kaladgi A.R., Saleel C.A., Nisar K.S., Shaik S., Afzal A.	Experimental investigation of erosion corrosion performance and slurry erosion mechanism of HVOF sprayed WC-10Co coatings using design of experiment approach	2022	18		293	314			
Ranjith R., Piramasubramanian S., Ganesh Madhan M.	Numerical simulation and analysis of dual base transistor laser	2022	64	5	962	971			
Elangovan M., Karthickeyan D., Arul Kumar M., Ranjith R.	Darlington Based 8T CNTFET SRAM Cells with Low Power and Enhanced Write Stability	2022	23	2		122	135		
Rajendran P.R., Duraisamy T., Seshadri R.C., Mohankumar A., Ranganathan S., Balachandran G., Murugan K., Renjith L.	Optimisation of HVOF Spray Process Parameters to Achieve Minimum Porosity and Maximum Hardness in WC-10Ni-5Cr Coatings	2022	12	3	339				
Thangaraju I.	Optimal allocation of distributed generation and electric vehicle charging stations-based SPOA2B approach	2022	37	3		2061	2088		1
Ranjith R., Piramasubramanian S., Ganesh Madhan M.	Effect of number of quantum wells on modulation and distortion characteristics of transistor laser	2022	147		107655				
Alice A.O., Kumar A.A.J., Prakash M., Kumar I.A.	Thermal characterizations of basalt fiber-reinforced poly(aryl-ether-ketone) biomedical composites	2022	147	3		1945	1953		
SampathKumar D., Duraisamy T., Pattabi T., Mohankumar A.	Static puncture resistance characteristics with various indenter nose shape geometry perforation of shear thickening fluid impregnated polypropylene fabric for soft armour application	2022	30						
Ramkumar P., Vivek C.M., Ramasamy S., Kajavali A., Sivasubramanian M.	Experimental and numerical study using ANFIS - neuro fuzzy model on heat pipe heat exchanger	2022							
Irini Dorothy P.E., Chandrasekaran M.	Ant-based Energy Efficient Routing Algorithm for Mobile Ad hoc Networks	2022	33	3		1423	1438		
Kannan M., Duraisamy T., Pattabi T., Mohankumar A.	Investigate The Corrosion Properties Of Stellite Coated On A291d Alloy By Plasma Spray Technique	2022	26	2		911	920		
Deepak S., Thirumalaikumarasamy D., Ashokkumar M., Nayak S.K.	Experimental analysis of the static puncture resistance performance of shear thickening fluid impregnated polypropylene hybrid composite target structures for armour application	2022							
Ranjith R., Kaviyarasi K.	Effect of Intrinsic Base Resistance on Rise Time of Transistor Laser	2022	776			187	193		
Priya R., Mariappan R., Jayamurugan P., Bakkiyaraj R., Ravikumar K., Shkir M., AlFaify S.	An influence of temperature on structural, morphological, thermal, optical and photoluminescence properties of LaPO4 nanoparticles	2021	247		167860				
Saminathan P., Samuel L.	Ant Cuckoo Search Optimization-based deep learning classifier for image enhancement in spinal cord images	2021	31	4		2267	2282		
Mathivanan K., Thirumalaikumarasamy D., Ashokkumar M., Deepak S., Mathanbabu M.	Optimization and prediction of A291D stellite-6 coated magnesium alloy using Box Behnken design and hybrid deep belief network	2021	15			2953	2969	3	
Ribu D.C., Rajesh R., Thirumalaikumarasamy D., Vignesh S., Paventh R.	Development of empirical relationships to predict porosity and hardness of WC-10Co coatings on 35CrMo steel using DOE approach	2021	2395		50011				
Prasad R.V., Rajesh R., Thirumalaikumarasamy D., Vignesh S., Sreesabari S.	Sensitivity analysis and optimisation of HVOF process inputs to reduce porosity and maximise hardness of WC-10Co-4Cr coatings	2021	46	3	149				1
Bakkiyaraj R., Subramanian R., Balakrishnan M., Ravichandran K.	Biofabrication of CeO2 nanoparticles, characterization, photocatalytic, and biological activities	2021							
Mathanbabu M., Thirumalaikumarasamy D., Thirumal P., Ashokkumar M.	Study on thermal, mechanical, microstructural properties and failure analyses of lanthanum zirconate based thermal barrier coatings: A review	2021	46			7948	7954	4	
Pitchia Krishnan B., Mathanbabu M., Sathyamoorthy G., Gokulnath K., Govind Sanjeev Kumar L.	Performance estimation and redesign of horizontal axis wind turbine (HAWT) blade	2021	46			8025	8031		
Ribu D.C., Rajesh R., Thirumalaikumarasamy D., Vignesh S.	Influence of rotational speed, angle of impingement, concentration of slurry and exposure time on erosion performance of HVOF sprayed cermet coatings on 35CrMo steel	2021	46			7518	7530	1	
Veeramanikandan K., Vignesh S., Pitchia Krishnan B., Mathanbabu M., Ashokkumar M.	Investigation of Al2O3-water nano fluid flow through the circular tube	2021	46			8288	8295		
Barathiraja R., Thirumal P., Thirumalaikumarasamy D., Kajavali A., Ashokkumar M., Thiagaraj J.	Investigation of drying kinetics and qualities of turkey berry in fluidized bed dryer	2021	46			7711	7718		
Elangovan M., Gunavathi K.	Effect of CNTFET Parameters on Novel High Stable and Low Power: 8T CNTFET SRAM Cell	2021							
Parameswaran S., Karthickeyan D., Venugopal T.	Effect of temperature on green synthesized silver nanoparticles using water and methanol	2021	45			5506	5510		
Rajkumar P., Buvaneswari N., Vaheith Z.A., Ahamed A.F., Saraswathy G., Dayanandan R.	Kinetic analysis of oxidation of α -hydroxy acids by Card's acid in micellar medium	2021	14	2		785	793		
Arulkumar M., Chandrasekaran M.	An improved vlsi design of the alu based fir filter for biomedical image filtering application	2021	17	2		276	287	1	
Arputham C., Nagappan K., Russellah L.B., Russellah A.	Mammographic image classification using deep neural network for computer-aided diagnosis	2021	27	3		747	759		
Balaji M., Chandrasekaran M., Dhandapani V.	A novel rail-network hardware simulator for embedded system programming	2021	10	1	13	1	14		
Elangovan M., Ranjith R., Devika S.	PDP Analysis of CNTFET Full Adders for Single and Multiple Threshold Voltages	2021	683			439	446		
Deepak S., Thirumalaikumarasamy D., Thirumal P., Dharun T., Bhuvana K.P., Joseph Bensingh R., Prakalathan K., Nayak S.K.	Preparation and characterization of shear thickening fluid coated polypropylene fabric for soft armour application	2021	112	10		1555	1567	3	
Srinivasan G., Saravanan J.	A study on strength characters of bacterial concrete	2020	993	1	12043				
Anand R., Indirani G.	IoT based automatic detection of glaucoma disease in OCT and fundus images using deep learning techniques	2020	10	12		13621	13643		
Prasad R.V., Rajesh R., Thirumalaikumarasamy D.	Selection of coating material for magnesium alloy using Fuzzy AHP-TOPSIS	2020	45	1	23				4
Seeman M., Sivaraj P., Seetharaman R., Ashok Kumar I.	ANALYSIS and OPTIMIZATION of MACHINING PARAMETER during TURNING of A356/10%SiCp MMC USING RESPONSE SURFACE METHODOLOGY APPROACH	2020	961	1	12014				
Govindaraju K., Vasantharaja R., Uma Suganya K.S., Anbarasu S., Revathy K., Pugazhendhi A., Karthickeyan D., Singaravelu G.	Unveiling the anticancer and antimicrobial potentials of bioengineered gold nanoparticles	2020	96			213	219	11	
Elangovan M., Gunavathi K.	High stable and low power 10T CNTFET SRAM cell	2020	29	10	2050158				5
Kasivelu G., Selvaraj T., Malaichamy K., Karthickeyan D., Shkolnik D., Chaturvedi S.	Nano-micronutrients [ν -Fe2O3(iron) and ZnO (zinc)]: Green preparation, characterization, agro-morphological characteristics and crop productivity studies in two crops (rice and maize)	2020	44	26		11373	11383	13	
Selvi S., Chandrasekaran M.	Framework to forecast environment changes by optimized predictive modelling based on rough set and Elman neural network	2020	24	14		10467	10480	3	
Elangovan M., Gunavathi K.	High Stable and Low Power 8T CNTFET SRAM Cell	2020	29	5	2050080				3
Sangeetha A., Chandrasekaran M., Kavithaa G.	Time situate recurrence estimation technique for efficient data collection in war field sensor network	2020	73		102988				2
Lakshminipathy B., Senthil Kumar M., Kajavali A., Sivakumar K.	Experimental comparative analysis of a single and multi receivers of a solar cavity collector	2020	10	1		315	326		
Thiyagaraj J., Rahamathullah I., Anbucbezhian G., Barathiraja R., Ponshanmugakumar A.	Influence of blade numbers, overlap ratio and modified blades on performance characteristics of the savonius hydro-kinetic turbine	2020	46			4047	4053	2	
Thiyagaraj J., Rahamathullah I., Bharathiraja R., Anbucbezhian G., Ponshanmugakumar A.	Influence of various augmentation devices on the performance characteristics of modified four bladed fixed flip type savonius hydrokinetic turbine	2020	46			3665	3669	1	
Senthivel K., Arul Jeya Kumar A., Seeman M., Ashok Kumar I., Prabu B.	Studies the effect of halloysite nanotubes on the mechanical and hot air ageing properties of nitrile-polyvinyl chloride rubber nano-composites	2020	43			1730	1739	1	
Karthik B., Gandhi M.P.	Solar powered based DC drives controlled by using IoT	2020	37	Part 2		2513	2516		
Chandramohan N.K., Shanmugam M., Sathyiamurthy S., Prabakaran S.T., Saravanakumar S., Shaisundaram V.S.	Comparison of chassis frame design of Go-Kart vehicle powered by internal combustion engine and electric motor	2020	37	Part 2		2058	2062	2	
Saravanakumar S., Chandramohan N.K., Prabakaran S.T., Muniyappan M., Shanmugam M., Shaisundaram V.S.	The static structural analysis of torque converter material for better performance by changing the stator angle	2020	37	Part 2		1963	1972	1	
Muniyappan M., Prabakaran S.T., Gopi P., Shanmugam M., Bhuvendran A., Shaisundaram V.S.	Hydrogen behavior in dual fuel mode diesel engine with nano diesel	2020	37	Part 2		2401	2405		
Prabakaran S.T., Senthivel P., Shanmugam M., Satish S., Muniyappan M., Shaisundaram V.S.	Modelling and experimental validation of TiG welding of INCONEL 718	2020	37	Part 2		1917	1931	1	
Shanmugam M., Sathyiamurthy S., Rajkumar G., Saravanakumar S., Prabakaran S.T., Shaisundaram V.S.	Effect of thermal Barrier coating in CI engines fueled with Citrus Medica (Citron) peel oil biodiesel dosed with cerium oxide nanoparticle	2020	37	Part 2		1943	1956	8	
Ezhilnilaran R., Kajavali A.	A comparative study of six-cylinder direct injection compression ignition engine fueled with Argemone Mexicana bio-diesel with and without selective catalytic reduction	2020							2
Sudha R., Indirani G.	Fog enabled cloud based intelligent resource management approach using improved dynamical particle swarm optimization model for smart home IoT devices	2020	11	2		19	24		
Anand R., Indirani G.	IoT and cloud based feature extraction and classification model for automatic glaucoma detection	2020	11	2		13	18	1	
Raju S., Chandrasekaran M.	Performance analysis of efficient data distribution in P2P environment using hybrid clustering techniques	2019	23	19		9253	9263	6	
Rajesh Kannan V., Charles A.	Neuro fuzzy controllers based multipath routing technique in mobile adhoc networks (MANETs)	2019	8	3		2123	2127		
Udhayavani M., Chandrasekaran M.	Design of TAREEN (trust aware routing with energy efficient network) and enactment of TARF: a trust-aware routing framework for wireless sensor networks	2019	22			11919	11927	5	
Devarajan N.M., Chandrasekaran M.	An efficient and low power impulsive noise suppressor architecture for OFDM system	2019	22			12777	12783	1	
Selvi S., Chandrasekaran M.	Performance evaluation of mathematical predictive modeling for air quality forecasting	2019	22			12481	12493	1	
Premakumari T., Chandrasekaran M.	Soft computing approach based malicious peers detection using geometric and trust features in P2P networks	2019	22			12227	12232	2	
Raju S., Chandrasekaran M.	An improved neighbor cooperation using adjacent node cooperation in peer to peer networks	2019	22			12263	12274	1	
Charles A.	Merkle Hellman knapsack cryptosystem based cloud auditing protocol	2019	8	10		2168	2174		
Jothiprakasam S., Muthial C.	A lifetime enhancement protocol in cluster-based wireless sensor networks with guaranteed delay	2019	32	12	e3983				1
Balasubramanyan R., Chandrasekaran M.	An intelligent routing protocol for MANETs with efficient weighted clustering and twin-cluster heads	2019	13	4		643	652		
Rajkumar P., Saraswathy G., Abdul Vaheith Z., Fiaz Ahmed A.	Kinetics of pentaammine cobalt(III) complexes of α -hydroxy acids by isoquinolinium fluorochromate in micellar medium	2019	12	3		1127	1134	2	
Natarajan P., Jegar A., Sankar Ganesh S.	Development of numerical model for predicting the characteristics of Ni-SiC nano composite coatings on AISI 1022 substrate	2019	6	8	85048				5
Arulraj M., Palani P.K., Venkatesh L.	Multi-Objective Optimization of High Speed Turning Parameters of Hybrid Aluminium Matrix Composite Reinforced with Silicon Carbide and Coconut Shell Ash	2019	40	2		191	200	1	
Elangovan M., Gunavathi K.	Stability Analysis of 6T CNTFET SRAM Cell for Single and Multiple CNTs	2019			8605154	63	67		
Hariharan G., Moorthi N.S.V., Karthickeyan D., Thanikaikaran S.	Influence of annealing temperature on the characteristics of chemical bath deposited zinc sulphide thin films for solar cell applications	2019	22	1		1	4	1	
Elango M., Deepa M., Subramanian R., Saraswathy G.	Investigation of structural, morphological and antimicrobial properties of polyindole/Ag doped CeO2 nanocomposites	2019	26			3544	3551	5	
Ashok Kumar I., Jeya									

Saranya M., Gomathi T., Sarawathi G., Sudha P.N.	Chitin and its derivatives in the remediation of industrial effluent	2017			523	544	
Bakkiraj R., Balakrishnan M., Bharath G., Ponpandian N.	Facile synthesis, structural characterization, photocatalytic and antimicrobial activities of Zr doped CeO ₂ nanoparticles	2017	724		555	564	29
Karthikeyan P., Chandrasekaran M.	Dynamic programming inspired virtual machine instances allocation in cloud computing	2017	14	1	551	560	7
Ananthakumar S., Jayabal S., Thirumal P.	Investigation on performance, emission and combustion characteristics of variable compression engine fuelled with diesel, waste plastics oil blends	2017	39	1	19	28	52
Elango M., Deepa M., Subramanian R., Mohamed Musthafa A.	Synthesis, characterization of polyimide/Ag/lsbdn/ZnO nanocomposites and its antibacterial activity	2017	696		391	401	29
Kavitha M., Govindaraj T.	Low-Power Multimodal Switch for Leakage Reduction and Stability Improvement in SRAM Cell	2016	41	8	2945	2955	7
Thenmozhi S., Chandrasekaran M.	Multilayered secure medical image transmission with high payload using double density dual tree discrete wavelet transform	2016	6	3	822	827	3
Manickam K., Thangavel G.	Power gating technique for power reduction and data retention in CMOS circuits	2016	9	1	19	24	1
Thiyagaraj J., Rahamathullah I., Prabu P.S.	Experimental investigations on the performance characteristics of a modified four bladed Savonius hydro-kinetic turbine	2016	6	4	1530	1536	17
Jothi S., Chandrasekaran M.	Energy efficient sleep-scheduling for cluster based aggregation in wireless sensor network	2016	15	19	3718	3724	1
Manickam K., Thangavel G.	Low leakage power gating technique for subnanometer CMOS circuits	2016	24	6	5011	5024	2
Govindan T., Muthusamy A.	Perfect set of Euler tours of K _{p,p}	2016	36	4	783	796	
Chandrasekaran M., Premakumari T.	Bandwidth distribution algorithm based DRR scheduler with route selection for real time video streaming in peer-peer networks	2016	15	6	1138	1145	
Bakkiraj R., Bharath G., Hasini Ramsait K., Abdel-Wahab A., Alsharaeh E.H., Chen S.-M., Balakrishnan M.	Solution combustion synthesis and physico-chemical properties of ultrafine CeO ₂ nanoparticles and their photocatalytic activity	2016	6	56	51238	51245	17
Ashfaque Ahmed S., Hemakumar S., Jeeva V., Somanathrao V., Rahamathullah I.	Preparation and performance characteristics of helianthus annus cooked oil based biodiesel on a single cylinder four stroke Ci (Kirloskar) engine	2015	10	30	22914	22917	
Govindan T., Muthusamy A.	Nonexistence of a pair of arc disjoint directed Hamilton cycles on line digraphs of 2-diregular digraphs	2015	7	3	1550034		1
Thirumal P., Amirthagadeswaran K.S., Jayabal S.	Fuzzy rule based prediction of IAQ characteristics in air conditioned car	2015	39	M2	437	450	
Kavitha M., Govindaraj T.	Low leakage charge recycling power gating structure for CMOS VLSI circuits	2015	19	2	66	72	2
Thangaraju I., Muruganandam M., Madheswaran M.	Performance analysis and experimental verification of buck converter fed DC series motor using hybrid intelligent controller with stability analysis and parameter variations	2015	10	2	518	528	1
Elamvazuthi I., Zukifli Z., Ali Z., Khan M.K.A.A., Parasuraman S., Balaji M., Chandrasekaran M.	Development of Electromyography Signal Signature for Forearm Muscle	2015	76		229	234	5
Elamvazuthi I., Law J., Singh V., Khan M.K.A.A., Parasuraman S., Balaji M., Chandrasekaran M.	Development of an Autonomous Tennis Ball Retriever Robot As an Educational Tool	2015	76		21	26	5
Balaji V., Balaji M., Chandrasekaran M., Khan M.K.A.A., Elamvazuthi I.	Optimization of PID Control for High Speed Line Tracking Robots	2015	76		147	154	17
Balaji M., Balaji V., Chandrasekaran M., Khan M.K.A.A., Elamvazuthi I.	Robotic Training to Bridge School Students with Engineering	2015	76		27	33	7
Thenmozhi S., Chandrasekaran M.	Secure transmission of date using ann based steganography	2015	10	20	19804	19816	
Daniel Lawrence I., Jayabal S., Thirumal P., Peer Mohamed Sait K.P.S.	Experimental investigation and optimization of comfort indoor air quality in theatre hall	2015	10	55	4081	4086	
Thangaraju I., Muruganandam M., Madheswaran M.	Implementation of fuzzy-neuro controller for dc-dc converter fed dc series motor using embedded microcontroller	2015	10	12	5083	5093	1
Manikanda Devarajan N., Chandrasekaran M.	Design and FPGA implementation of reconfigurable OFDM with improved PAPR	2015	9	6-May	561	566	2
Balasubramanyi R., Chandrasekaran M.	An improved cluster based routing protocol with backup cluster head for manets	2015	10	11	4927	4930	
Bhuvaneswari V., Chandrasekaran M.	Cluster head based group key agreement using trust metrics for malicious wireless networks	2015	10	1	1253	1270	
Chittibabu S., Saseetharan M.K., Kalaiyani M.R., Rajesh M.P.	Optimization of Microwave-assisted Alkali Pretreatment and Enzymatic Hydrolysis of Banana Pseudostem	2014	36	24	2691	2698	11
Thirumal P., Amirthagadeswaran K.S., Jayabal S.	Optimization of Indoor Air Quality Characteristics in an Air-Conditioned Car Using Multi-objective Genetic Algorithm	2014	39	11	8307	8317	2
Rahamathullah I., Shumugam M.S.	Mechanistic approach for prediction of forces in micro-drilling of plain and glass-reinforced epoxy sheets	2014	75	8-May	1177	1187	25
Bhuvaneswari V., Chandrasekaran M.	Cluster head based group key management for malicious wireless networks using trust metrics	2014	68	1			9
Thangavel M., Chandrasekaran M., Madheswaran M.	Carotid plaque classification using Contourlet features and support vector machines	2014	10	9	1642	1649	3
Sangeetha A., Chandrasekaran M.	Time orient sink scheduling based data estimation and collection approach for war field sensor networks	2014	9	24	27403	27412	
Chitra D., Chandrasekaran M.	Modified power aware routing technique in wireless mobile adhoc network	2014	9	24	27371	27378	
Begum J.N., Kumar K., Sumathy V.	Integrating symmetric polynomials and tree based group elliptic curve diffie hellman scheme for providing hierarchical access control in government organizations	2014	10	5	663	684	
Jothi S., Chandrasekaran M.	Fuzzy based optimal clustering protocol for maximizing lifetime in WSN	2014	8	6	714	725	6
Jeddy N.B., Krishnan K., Vembu S.	A two tier protocol for hierarchical access control problem in group communication	2014	60		139	146	
Nafeesa Begum J., Kumar K., Sumathy V.	Two tier protocol for hierarchical access control in medical image transmission	2014			6828067	769	775
Thirumal P., Amirthagadeswaran K.S., Jayabal S.	Experimental and statistical analysis of indoor air quality characteristics in an air conditioned car	2014	13	1	11	18	
Thirumal P., Amirthagadeswaran K.S., Jayabal S.	Optimization of IAQ characteristics of an air-conditioned car using GRA and RSM	2014	28	5	1899	1907	13
Jeddy N.B., Krishnan K., Vembu S.	Hierarchical access control in dynamic peer groups using symmetric polynomial and tree based group elliptic curve Diffie Hellman scheme	2014	10	10	1650	1665	
Muruganandam M., Thangaraju I., Madheswaran M.	Simulation and implementation of an embedded hybrid fuzzy trained artificial neural network controller for different DC motor	2014	6	1	315	332	
Thangavel M., Chandrasekaran M., Madheswaran M.	Wall motion analysis of common carotid artery and detection of abnormality using transverse ultrasound images	2014	7	5	1076	1082	2
Suchitra G., Valarmathi M.L.	A novel method of Walsh-Hadamard code generation using reconfigurable lattice filter and its application in DS-CDMA system	2013	12	12	619	629	
Suchitra G., Valarmathi M.L.	A novel method of walsh-hadamard code generation using reconfigurable lattice filter and its application in DS-CDMA system	2013	9	3	109	119	2
Antony Jeyasehar C., Saravanan G., Salahuddin M., Thirugnanasambandam S.	Development of fly ash based geopolymers precast concrete elements	2013	14	4	605	616	19
Antony Jeyasehar C., Saravanan G., Ramakrishnan A.K., Kandasamy S.	Strength and durability studies on fly ash based geopolymers bricks	2013	14	6	797	808	18
Padaiyatchi S., Daniel M.	OPF-based reactive power planning and voltage stability limit improvement under single line outage contingency condition through evolutionary algorithms	2013	21	4	1092	1106	9
Subha R., Palaniswami S.	Ontology extraction and semantic ranking of unambiguous requirements	2013	10	2	131	138	1
Rangaswami D., Sennappan P.	Load frequency control using multi-stage fuzzy logic controller for wind-micro hydro-diesel hybrid power system	2013	19	7	1004	1014	7
Muthu Kumar R., Thanushkodi K.	Reconfiguration and capacitor placement using opposition based differential evolution algorithm in power distribution system	2013	6	4	1233	1239	5
Sakthivel S., Mary D.	Big bang-big crunch algorithm for voltage stability limit improvement by coordinated control of SVC settings	2013	6	7	1209	1217	6
Jaganathan S., Palaniswami S.	Application of multiobjective technique to multi-disciplinary optimal power flow problem using Refined foraging algorithms	2013	48	3	1891	1904	
Jaganathan S., Palaniswami S.	Application of multiobjective technique to multi-disciplinary Optimal Power Flow problem using refined foraging algorithms	2013	48	1	45	59	
Ramesh K., Alwarsamy T., Jayabal S.	Investigation of chatter stability in boring tool and tool wear prediction using neural network	2013	46	1	47	70	16
Subha R., Palaniswami S.	Quality factor assessment and text summarization of unambiguous natural language requirements	2013	361 CCIS		131	146	2
Ramesh K., Alwarsamy T., Jayabal S.	ANN prediction and RSM optimization of cutting process parameters in boring operations using impact dampers	2012	14	3	1160	1175	6
Preethi J., Palaniswami S.	An intelligent particle swarm optimization for fuzzy based heterogeneous radio access technology (RAT) selection	2012	8	4	23	42	
Kumar K.R., Palaniswami S., Kumar K.S.	Artificial neural network based rotor capacitive reactance control for energy efficient wound rotor induction motor	2012	8	7	1085	1091	1
Chittibabu S., Saseetharan M.K., Rajendran K., Santhanamuthu M.	Optimization of alkali pretreatment and enzymatic hydrolysis of Banana pseudostem for ethanol production by RSM	2012			6216240	90	94
Muthukumar P., Suresh P., Shalini Punithavathani S., Nafeesa Begum J.	A realistic approach for the deployment of national knowledge repositories by leveraging ETL tools	2012			6206774	542	547
Kumar K., Begum J.N., Sumathy V.	Cost effective region-based group key agreement protocol for ad hoc networks using elliptic curve cryptography	2012	7135 LNCS		505	514	1
Preethi J., Palaniswami S.	A new hybrid approach for heterogeneous radio access technology selection	2012	8	5	767	774	2
Sathyamoorthy G.L., Saseetharan M.K.	Dairy wastewater treatment by anaerobic hybrid reactor - A Study on the reactor performance and optimum percentage of inert media fill inside reactor	2012	16	1	51	56	4
Sakthivel S., Mary D.	Reactive power optimization for voltage stability limit improvement incorporating TCSC device through DE/PSO under contingency condition	2012	12	1	1419	1430	4
Jaganthan S., Palaniswami S.	Application of multi objective optimization to optimal power dispatch problem with facts devices using refined BFA	2012	5	5	2146	2159	2
Saraswathi R., Saseetharan M.K., Suja S.	ANN-based predictive model for performance evaluation of paper and pulp effluent treatment plant	2012	45	4	280	289	9
Kowsalya T., Palaniswami S.	Low power 8T column decoupled sram cell with bit line decoupled current mode sense amplifier	2012	84	2	178	185	
Ranjith Kumar K., Palaniswami S., Dhivya V.N.	Genetic Algorithm application for efficiency optimization of Wound Rotor Induction Motor by rotor capacitive reactance control	2012	5	1	239	244	2
Dhanalakshmi R., Palaniswami S.	Application of self-tuning fuzzy logic PI controller in load frequency control of wind-micro hydro-diesel hybrid power system	2012	79	3	317	327	4
Babu M.R., Mary D.	Power loss minimization for power quality radial distribution system	2012	78	3	507	521	
Ranjith Kumar K., Palaniswami S., Manikandan M.	Performance analysis of wound rotor induction motor by DSP based rotor dynamic capacitor control	2012	40	1	67	77	1
Kalamani K., Palaniswami S., Kaarthick B.	Delay minimization and link failure management in MPLS networks incorporating RRATE algorithm for traffic engineering under real time traffic conditions	2012	77	3	402	416	
Chakkarakaravathy V., Daniel M.	Computation of total transfer capability using power producer's bidding in the deregulated environment	2012	68	2	172	181	
Sakthivel S., Mary D., Devarajamani M.	Reactive power planning for voltage stability limit improvement with FACTS devices in most critical contingency condition	2011	66	3	408	420	7
Sakthivel S., Mary D.	Voltage stability limit improvement by static VAR compensator (SVC) under line outage contingencies through particle swarm optimization algorithm	2011	4	2	766	771	14
Sakthivel S., Mary D.	Voltage stability limit improvement incorporating SSCS and SVC under line outage contingency condition by loss minimization	2011	59	1	44	54	9
Begum J.N., Kumar K., Sumathy V.	A novel approach towards multilevel access control for secure group communication using symmetric polynomial based elliptic curve cryptography	2010			5702013	454	459
Nafeesa Begum J., Kumar K., Sumathy V.	Multilevel access control in defense messaging system using elliptic curve cryptography	2010			5591784		2
Kumar K., Nafeesa Begum J., Sumathy V.	Efficient region-based key agreement for peer-to-Peer information sharing in mobile Ad Hoc networks	2010	89 CCIS		280	295	
Kumar K., Begum J.N., Sumathy V.	A secure ubiquitous computing approach for serving elderly citizens	2010			5481229	653	658
Thirumal P., Balasubramanian S., Moorthi N.S.V.	Effect of CO ₂ exhaled and human metabolism on comfort conditions in air-conditioned indoor environment	2010	9	4	829</td		

Ramar K., Arumugam S., Sivanandam S.N., Ganesan L., Manimegalai D. Thamarai Selvi S., Arumugam S., Ganesan L.	Quantitative fuzzy measures for threshold selection BIONET: An artificial neural network model for diagnosis of diseases	2000 2000	21 21	1 8	1 721	7 740	28 17
--	---	--------------	----------	--------	----------	----------	----------