

Ganapati K Panda

List of Publications by Citations

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194
papers

4,702
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35
h-index

64
g-index

208
ext. papers

5,650
ext. citations

3.7
avg, IF

6.09
L-index

#	Paper	IF	Citations
194	A survey on nature inspired metaheuristic algorithms for partitional clustering. <i>Swarm and Evolutionary Computation</i> , 2014 , 16, 1-18	9.8	330
193	Power quality analysis using S-transform. <i>IEEE Transactions on Power Delivery</i> , 2003 , 18, 406-411	4.3	264
192	Fault Classification and Section Identification of an Advanced Series-Compensated Transmission Line Using Support Vector Machine. <i>IEEE Transactions on Power Delivery</i> , 2007 , 22, 67-73	4.3	192
191	A novel feature representation method based on Chou's pseudo amino acid composition for protein structural class prediction. <i>Computational Biology and Chemistry</i> , 2010 , 34, 320-7	3.6	175
190	Frequency estimation of distorted power system signals using extended complex Kalman filter. <i>IEEE Transactions on Power Delivery</i> , 1999 , 14, 761-766	4.3	173
189	Active mitigation of nonlinear noise Processes using a novel filtered-s LMS algorithm. <i>IEEE Transactions on Speech and Audio Processing</i> , 2004 , 12, 313-322		170
188	IIR system identification using cat swarm optimization. <i>Expert Systems With Applications</i> , 2011 , 38, 12671-12683	7.1	161
187	Solving multiobjective problems using cat swarm optimization. <i>Expert Systems With Applications</i> , 2012 , 39, 2956-2964	7.8	153
186	Development and performance evaluation of FLANN based model for forecasting of stock markets. <i>Expert Systems With Applications</i> , 2009 , 36, 6800-6808	7.8	127
185	Advances in active noise control: A survey, with emphasis on recent nonlinear techniques. <i>Signal Processing</i> , 2013 , 93, 363-377	4.4	104
184	An extended complex Kalman filter for frequency measurement of distorted signals. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2000 , 49, 746-753	5.2	103
183	Adaptive relay setting for flexible AC transmission systems (FACTS). <i>IEEE Transactions on Power Delivery</i> , 2000 , 15, 38-43	4.3	99
182	Efficient prediction of stock market indices using adaptive bacterial foraging optimization (ABFO) and BFO based techniques. <i>Expert Systems With Applications</i> , 2009 , 36, 10097-10104	7.8	97
181	An intelligent pressure sensor using neural networks. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2000 , 49, 829-834	5.2	85
180	Power quality disturbance data compression, detection, and classification using integrated spline wavelet and S-transform. <i>IEEE Transactions on Power Delivery</i> , 2003 , 18, 595-600	4.3	79
179	A radial basis function neural network controller for UPFC. <i>IEEE Transactions on Power Systems</i> , 2000 , 15, 1293-1299	7	79
178	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 1994 , 43, 874-881	5.2	79

177	A novel fuzzy neural network based distance relaying scheme. <i>IEEE Transactions on Power Delivery</i> , 2000 , 15, 902-907	4.3	74
176	Fault classification and location using HS-transform and radial basis function neural network. <i>Electric Power Systems Research</i> , 2006 , 76, 897-905	3.5	73
175	A robust filtered-s LMS algorithm for nonlinear active noise control. <i>Applied Acoustics</i> , 2012 , 73, 836-841	3.1	63
174	Efficient prediction of exchange rates with low complexity artificial neural network models. <i>Expert Systems With Applications</i> , 2009 , 36, 181-189	7.8	63
173	A Particle-Swarm-Optimization-Based Decentralized Nonlinear Active Noise Control System. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2012 , 61, 3378-3386	5.2	62
172	Application of minimal radial basis function neural network to distance protection. <i>IEEE Transactions on Power Delivery</i> , 2001 , 16, 68-74	4.3	60
171	Automatic clustering algorithm based on multi-objective Immunized PSO to classify actions of 3D human models. <i>Engineering Applications of Artificial Intelligence</i> , 2013 , 26, 1429-1441	7.2	55
170	Damping multimodal power system oscillation using a hybrid fuzzy controller for series connected FACTS devices. <i>IEEE Transactions on Power Systems</i> , 2000 , 15, 1360-1366	7	51
169	Improved identification of Hammerstein plants using new CPSO and IPSO algorithms. <i>Expert Systems With Applications</i> , 2010 , 37, 6818-6831	7.8	44
168	Robust identification of nonlinear complex systems using low complexity ANN and particle swarm optimization technique. <i>Expert Systems With Applications</i> , 2011 , 38, 321-333	7.8	43
167	Application of a multivariable feedback linearization scheme for STATCOM control. <i>Electric Power Systems Research</i> , 2002 , 62, 81-91	3.5	43
166	Forecasting of currency exchange rates using an adaptive ARMA model with differential evolution based training. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2014 , 26, 7-18	2.5	42
165	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2012 , 61, 554-563	5.2	40
164	Distance relaying for transmission line using support vector machine and radial basis function neural network. <i>International Journal of Electrical Power and Energy Systems</i> , 2007 , 29, 551-556	5.1	39
163	Connectivity constrained wireless sensor deployment using multiobjective evolutionary algorithms and fuzzy decision making. <i>Ad Hoc Networks</i> , 2012 , 10, 1134-1145	4.8	37
162	Power transformer protection using S-transform with complex window and pattern recognition approach. <i>IET Generation, Transmission and Distribution</i> , 2007 , 1, 278	2.5	36
161	Time-frequency transform approach for protection of parallel transmission lines. <i>IET Generation, Transmission and Distribution</i> , 2007 , 1, 30	2.5	36
160	A Multiobjective Optimization Based Fast and Robust Design Methodology for Low Power and Low Phase Noise Current Starved VCO. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2014 , 27, 43-50	2.6	35

159	On the development of adaptive hybrid active noise control system for effective mitigation of nonlinear noise. <i>Signal Processing</i> , 2012 , 92, 509-516	4.4	35
158	Data compression of power quality events using the slantlet transform. <i>IEEE Transactions on Power Delivery</i> , 2002 , 17, 662-667	4.3	35
157	A comparative performance assessment of a set of multiobjective algorithms for constrained portfolio assets selection. <i>Swarm and Evolutionary Computation</i> , 2014 , 16, 38-51	9.8	33
156	Identification of protein-coding regions in DNA sequences using a time-frequency filtering approach. <i>Genomics, Proteomics and Bioinformatics</i> , 2011 , 9, 45-55	6.5	32
155	New Binary Hausdorff Symmetry measure based seeded region growing for retinal vessel segmentation. <i>Biocybernetics and Biomedical Engineering</i> , 2016 , 36, 119-129	5.7	29
154	New block filtered-X LMS algorithms for active noise control systems. <i>IET Signal Processing</i> , 2007 , 1, 73-81	7	29
153	Design of computationally efficient density-based clustering algorithms. <i>Data and Knowledge Engineering</i> , 2015 , 95, 23-38	1.5	28
152	Comparative performance analysis of evolutionary algorithm based parameter optimization in cognitive radio engine: A survey. <i>Ad Hoc Networks</i> , 2014 , 17, 129-146	4.8	27
151	Development of efficient identification scheme for nonlinear dynamic systems using swarm intelligence techniques. <i>Expert Systems With Applications</i> , 2010 , 37, 556-566	7.8	27
150	Handwritten numeral recognition using non-redundant Stockwell transform and bio-inspired optimal zoning. <i>IET Image Processing</i> , 2015 , 9, 874-882	1.7	26
149	New robust forecasting models for exchange rates prediction. <i>Expert Systems With Applications</i> , 2012 , 39, 12658-12670	7.8	26
148	A self-orthogonalizing efficient block adaptive filter. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , 1986 , 34, 1573-1582		25
147	Distributed DOA estimation using clustering of sensor nodes and diffusion PSO algorithm. <i>Swarm and Evolutionary Computation</i> , 2013 , 9, 47-57	9.8	24
146	Distance protection in the presence of unified power flow controller. <i>Electric Power Systems Research</i> , 2000 , 54, 189-198	3.5	22
145	Distribution system planning considering reliable feeder routing. <i>IET Generation, Transmission and Distribution</i> , 2012 , 6, 503	2.5	21
144	Particle swarm optimized multiple regression linear model for data classification. <i>Applied Soft Computing Journal</i> , 2009 , 9, 470-476	7.5	21
143	A Novel Method of Extending the Linearity Range of Linear Variable Differential Transformer Using Artificial Neural Network. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010 , 59, 947-953	5.2	21
142	A reduced and comprehensible polynomial neural network for classification. <i>Pattern Recognition Letters</i> , 2008 , 29, 1705-1712	4.7	21

141	Fault tolerant distributed estimation in wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2016 , 69, 27-39	7.9	21
140	Efficient localization of hot spots in proteins using a novel S-transform based filtering approach. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2011 , 8, 1235-46	3	19
139	An Improved S-Transform for Time-Frequency Analysis 2009 ,		19
138	An integrated data compression scheme for power quality events using spline wavelet and neural network. <i>Electric Power Systems Research</i> , 2004 , 69, 213-220	3.5	19
137	Prediction based mean-variance model for constrained portfolio assets selection using multiobjective evolutionary algorithms. <i>Swarm and Evolutionary Computation</i> , 2016 , 28, 117-130	9.8	18
136	Pareto optimization of cognitive radio parameters using multiobjective evolutionary algorithms and fuzzy decision making. <i>Swarm and Evolutionary Computation</i> , 2012 , 7, 7-20	9.8	18
135	Active control of nonlinear noise processes using cascaded adaptive nonlinear filter. <i>Applied Acoustics</i> , 2013 , 74, 217-222	3.1	18
134	Prioritizing barriers in reverse logistics of E-commerce supply chain using fuzzy-analytic hierarchy process. <i>Electronic Commerce Research</i> , 2020 , 20, 381-403	2.1	18
133	Detection of COVID-19 from speech signal using bio-inspired based cepstral features. <i>Pattern Recognition</i> , 2021 , 117, 107999	7.7	18
132	Robust and accurate optic disk localization using vessel symmetry line measure in fundus images. <i>Biocybernetics and Biomedical Engineering</i> , 2017 , 37, 466-476	5.7	17
131	Particle swarm optimization based nonlinear active noise control under saturation nonlinearity. <i>Applied Soft Computing Journal</i> , 2016 , 41, 275-289	7.5	17
130	Distributed and robust parameter estimation of IIR systems using incremental particle swarm optimization 2013 , 23, 1303-1313		17
129	A Review of Independent Component Analysis Techniques and their Applications. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2008 , 25, 320	1.5	17
128	Multivariable nonlinear control of STATCOM for synchronous generator stabilization. <i>International Journal of Electrical Power and Energy Systems</i> , 2004 , 26, 37-48	5.1	17
127	Lane detection under artificial colored light in tunnels and on highways: an IoT-based framework for smart city infrastructure. <i>Complex & Intelligent Systems</i> ,1	7.1	17
126	Cooperative spectrum sensing in cognitive radio network using multiobjective evolutionary algorithms and fuzzy decision making. <i>Ad Hoc Networks</i> , 2013 , 11, 1022-1036	4.8	15
125	Multi-objective particle swarm optimization approach to portfolio optimization 2009 ,		15
124	BESAC: Binary External Symmetry Axis Constellation for unconstrained handwritten character recognition. <i>Pattern Recognition Letters</i> , 2016 , 83, 413-422	4.7	14

123	Constrained portfolio asset selection using multiobjective bacteria foraging optimization. <i>Operational Research</i> , 2014 , 14, 113-145	1.6	14
122	Performance Evaluation of a New BP Algorithm for a Modified Artificial Neural Network. <i>Neural Processing Letters</i> , 2020 , 51, 1869-1889	2.4	13
121	A robust evolutionary feedforward active noise control system using Wilcoxon norm and particle swarm optimization algorithm. <i>Expert Systems With Applications</i> , 2012 , 39, 7574-7580	7.8	13
120	Effects of finite register length on fast ICA, bacterial foraging optimization based ICA and constrained genetic algorithm based ICA algorithm 2010 , 20, 964-975		13
119	On the Linear Antenna Array Synthesis Techniques for Sum and Difference Patterns Using Flower Pollination Algorithm. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 3965-3977	2.5	13
118	Error Saturation Nonlinearities for Robust Incremental LMS over Wireless Sensor Networks. <i>ACM Transactions on Sensor Networks</i> , 2015 , 11, 1-20	2.9	12
117	Unconstrained handwritten digit recognition using perceptual shape primitives. <i>Pattern Analysis and Applications</i> , 2018 , 21, 413-436	2.3	12
116	Distributed bearing estimation technique using diffusion particle swarm optimisation algorithm. <i>IET Wireless Sensor Systems</i> , 2012 , 2, 385-393	1.6	12
115	Deep convolutional neural network-based patch classification for retinal nerve fiber layer defect detection in early glaucoma. <i>Journal of Medical Imaging</i> , 2018 , 5, 044003	2.6	12
114	PSO based adaptive narrowband ANC algorithm without the use of synchronization signal and secondary path estimate. <i>Mechanical Systems and Signal Processing</i> , 2019 , 114, 378-398	7.8	11
113	Odia character recognition: a directional review. <i>Artificial Intelligence Review</i> , 2017 , 48, 473-497	9.7	11
112	Energy Efficient Layout for a Wireless Sensor Network using Multi-Objective Particle Swarm Optimization 2009 ,		11
111	Improved Identification of Nonlinear MIMO Plants using New Hybrid FLANN-AIS Model 2009 ,		11
110	Image Encryption by Novel Cryptosystem Using Matrix Transformation 2008 ,		11
109	A fast and accurate distance relaying scheme using an efficient radial basis function neural network. <i>Electric Power Systems Research</i> , 2001 , 60, 1-8	3.5	11
108	Development of robust distributed learning strategies for wireless sensor networks using rank based norms. <i>Signal Processing</i> , 2014 , 101, 218-228	4.4	10
107	Development and performance evaluation of neural network classifiers for Indian internet shoppers. <i>Expert Systems With Applications</i> , 2012 , 39, 2112-2118	7.8	10
106	Hybrid approach using KPSO and RLS for RBFNN design for breast cancer detection. <i>Neural Computing and Applications</i> , 2014 , 24, 745-753	4.8	10

105	Computationally efficient algorithm for high sampling-frequency operation of active noise control. <i>Mechanical Systems and Signal Processing</i> , 2015 , 56-57, 302-319	7.8	9
104	Robust incremental adaptive strategies for distributed networks to handle outliers in both input and desired data. <i>Signal Processing</i> , 2014 , 96, 300-309	4.4	9
103	Identification of Glacial Isostatic Adjustment in Eastern Canada Using S Transform Filtering of GPS Observations. <i>Pure and Applied Geophysics</i> , 2012 , 169, 1507-1517	2.2	9
102	Development of an efficient hybrid model for range sidelobe suppression in pulse compression radar. <i>Aerospace Science and Technology</i> , 2013 , 27, 156-162	4.9	9
101	A tri-stage cluster identification model for accurate analysis of seismic catalogs. <i>Nonlinear Processes in Geophysics</i> , 2013 , 20, 143-162	2.9	9
100	Development of immunized pso algorithm and its application to hammerstein model identification 2009 ,		9
99	De-Correlated Improved Adaptive Exponential FLAF-Based Nonlinear Adaptive Feedback Cancellation for Hearing Aids. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 650-662	3.9	8
98	A robust adaptive hybrid feedback cancellation scheme for hearing aids in the presence of outliers. <i>Applied Acoustics</i> , 2016 , 102, 146-155	3.1	8
97	Non-redundant stockwell transform based feature extraction for handwritten digit recognition 2014 ,		8
96	Maximum likelihood DOA estimation in distributed wireless sensor network using adaptive particle swarm optimization 2011 ,		8
95	Hardware Design for VLSI Implementation of FxLMS- and FsLMS-Based Active Noise Controllers. <i>Circuits, Systems, and Signal Processing</i> , 2017 , 36, 447-473	2.2	7
94	Automated retinal nerve fiber layer defect detection using fundus imaging in glaucoma. <i>Computerized Medical Imaging and Graphics</i> , 2018 , 66, 56-65	7.6	7
93	On distributed non-linear active noise control using diffusion collaborative learning strategy. <i>IET Signal Processing</i> , 2018 , 12, 410-421	1.7	7
92	QR-based incremental minimum-Wilcoxon-norm strategies for distributed wireless sensor networks. <i>Signal Processing</i> , 2012 , 92, 2657-2667	4.4	7
91	H-S-X Cryptosystem and Its Application to Image Encryption 2009 ,		7
90	Identification of IIR systems using comprehensive learning particle swarm optimisation. <i>International Journal of Power and Energy Conversion</i> , 2009 , 1, 105	0.4	7
89	Heart disease detection using deep learning methods from imbalanced ECG samples. <i>Biomedical Signal Processing and Control</i> , 2021 , 68, 102820	4.9	7
88	Recurrent neural network based retinal nerve fiber layer defect detection in early glaucoma 2017 ,		6

87	Zero attracting proportionate normalized subband adaptive filtering technique for feedback cancellation in hearing aids. <i>Applied Acoustics</i> , 2019 , 149, 39-45	3.1	6
86	Mean curvature and texture constrained composite weighted random walk algorithm for optic disc segmentation towards glaucoma screening. <i>Healthcare Technology Letters</i> , 2018 , 5, 31-37	1.9	6
85	Development of Frequency Domain Block Filtered-s LMS (FBFSLMS) Algorithm for Active Noise Control System		6
84	Direct and Inverse Modeling of Plants Using Cat Swarm Optimization. <i>Adaptation, Learning, and Optimization</i> , 2011 , 469-485	0.7	5
83	An Efficient Approach to Signal Compression using Slantlet Transform. <i>IETE Journal of Research</i> , 2000 , 46, 299-307	0.9	5
82	Gestalt configural superiority effect: A complexity paradigm for handwritten numeral recognition 2015 ,		4
81	Improved Spatial Information Based Semisupervised Classification of Remote Sensing Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 329-340	4.7	4
80	Hardware Design for VLSI Implementation of Acoustic Feedback Canceller in Hearing Aids. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 1383-1406	2.2	4
79	An improved block adaptive system for effective feedback cancellation in hearing aids 2016 , 48, 216-225		4
78	Hausdorff symmetry operator towards retinal blood vessel segmentation 2014 ,		4
77	A multiobjective optimization approach to determine the parameters of stepped frequency pulse train. <i>Aerospace Science and Technology</i> , 2013 , 24, 101-110	4.9	4
76	Information Combining Schemes for Cooperative Spectrum Sensing: A Survey and Comparative Performance Analysis. <i>Wireless Personal Communications</i> , 2017 , 94, 685-711	1.9	4
75	Invertible, Involutory and Permutation Matrix Generation Methods for Hill Cipher System 2009 ,		4
74	Development of Novel Digital Equalizers for Noisy Nonlinear Channel using Artificial Immune System 2008 ,		4
73	A combined S-transform and fuzzy expert system for phase selection in digital relaying. <i>European Transactions on Electrical Power</i> , 2008 , 18, 448-460		4
72	A transform domain circular convolution algorithm for adaptive filtering. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , 1987 , 35, 1217-1220		4
71	A CyberTwin-Based 6G Cooperative IoE Communication Network: Secrecy Outage Analysis. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	4
70	On new efficient law-based method for feedback compensation in hearing aids. <i>Electronics Letters</i> , 2016 , 52, 1200-1202	1.1	4

69	Reduced complexity diffusion filtered x least mean square algorithm for distributed active noise cancellation. <i>Signal, Image and Video Processing</i> , 2019 , 13, 447-455	1.6	4
68	Deep neural network and extreme gradient boosting based Hybrid classifier for improved prediction of Protein-Protein interaction. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , PP,	3	4
67	On the Classification of MR Images Using ELM-SSA Coated Hybrid Model. <i>Mathematics</i> , 2021 , 9, 2095	2.3	4
66	Individual-activation-factor based novel approach for acoustic feedback suppression in hearing aid. <i>Applied Acoustics</i> , 2017 , 127, 74-79	3.1	3
65	Development of a novel robust identification scheme for nonlinear dynamic systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2015 , 29, 385-406	2.8	3
64	Bio-inspired evolutionary computing approach for distributed active noise control problem. <i>Cognitive Computation and Systems</i> , 2020 , 2, 57-65	1.2	3
63	Incremental Learning Based Adaptive Filter for Nonlinear Distributed Active Noise Control System. <i>IEEE Open Journal of Signal Processing</i> , 2020 , 1, 1-13	1.2	3
62	Development and performance evaluation of generalised Doppler compensated adaptive pulse compression algorithm. <i>IET Radar, Sonar and Navigation</i> , 2014 , 8, 297-306	1.4	3
61	Development of a novel narrowband active noise controller in presence of sensor error 2014 ,		3
60	Development of low complexity evolutionary computing based nonlinear active noise control systems 2011 ,		3
59	Efficient design of pulse compression codes using multiobjective genetic algorithm 2009 ,		3
58	Multi-objective evolutionary algorithms for financial portfolio design. <i>International Journal of Computational Vision and Robotics</i> , 2010 , 1, 236	0.7	3
57	Novel recursive algorithm and highly compact semisystolic architecture for high throughput computation of 2-D DHT. <i>Electronics Letters</i> , 1993 , 29, 883-885	1.1	3
56	On the effect of correlation between truncation errors in fixed-point error analysis of Winograd short-length DFT algorithms. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , 1982 , 30, 100-104		3
55	Improved phase aware speech enhancement using bio-inspired and ANN techniques. <i>Analog Integrated Circuits and Signal Processing</i> , 2020 , 102, 465-477	1.2	3
54	S-transformation based integrated approach for spectrum estimation, storage, and sensing in cognitive radio. <i>Digital Communications and Networks</i> , 2019 , 5, 160-169	5.9	3
53	On deep ensemble CNNBAE based novel agro-market price forecasting. <i>Evolutionary Intelligence</i> , 2021 , 14, 851-862	1.7	3
52	GlaucoNet: Patch-Based Residual Deep Learning Network for Optic Disc and Cup Segmentation Towards Glaucoma Assessment. <i>SN Computer Science</i> , 2021 , 2, 1	2	3

51	Fast and improved backpropagation learning of multi-layer artificial neural network using adaptive activation function. <i>Expert Systems</i> , 2020 , 37, e12555	2.1	2
50	Suppression of grating lobes in stepped frequency LFM pulse train using PSO. <i>Aerospace Science and Technology</i> , 2014 , 39, 338-341	4.9	2
49	A correlation based stochastic partitional algorithm for accurate cluster analysis. <i>International Journal of Signal and Imaging Systems Engineering</i> , 2013 , 6, 52	3.5	2
48	Performance Evaluation of Particle Swarm Optimization Based Active Noise Control Algorithm. <i>Lecture Notes in Computer Science</i> , 2010 , 531-536	0.9	2
47	Sign-Regressor Wilcoxon and Sign-Sign Wilcoxon 2010 ,		2
46	Comparative performance evaluation of multiobjective optimization algorithms for portfolio management 2009 ,		2
45	Generation of Pulse Compression Codes Using NSGA-II 2009 ,		2
44	Improved protein structural class prediction using genetic algorithm and artificial immune system 2009 ,		2
43	Efficient sales forecasting using PSO based adaptive ARMA model 2009 ,		2
42	Improved identification of nonlinear dynamic systems using Artificial Immune System 2008 ,		2
41	Development of New Neural Adaptive Equalisers and their Performance Comparison with Existing Techniques. <i>IETE Journal of Research</i> , 1996 , 42, 237-254	0.9	2
40	An improved and low-complexity neural network model for curved lane detection of autonomous driving system. <i>Soft Computing</i> , 1	3.5	2
39	Real-Time Identification of Fuzzy PID-Controlled Maglev System using TLBO-Based Functional Link Artificial Neural Network. <i>Arabian Journal for Science and Engineering</i> , 2021 , 46, 4103-4118	2.5	2
38	Machine Learning Based Improved Malware Detection Schemes 2021 ,		2
37	Robust feedback cancellation in hearing aids in the presence of outliers 2014 ,		1
36	Robust Distributed Learning in Wireless Sensor Network using Efficient Step Size. <i>Procedia Technology</i> , 2012 , 6, 864-871		1
35	A Recurrent Neural Network Approach to Pulse Radar Detection 2009 ,		1
34	Forecasting of retail sales data using differential evolution 2009 ,		1

33	Robust Distributed Optimization in Wireless Sensor Network 2009 ,		1
32	Development of a New Optimization Algorithm Based on Artificial Immune System and Its Application 2008 ,		1
31	An Efficient Hybrid Image Compression Scheme using DWT and ANN Techniques. <i>IETE Journal of Research</i> , 2006 , 52, 17-26	0.9	1
30	Adaptive Filter based Active Noise Controller under Acoustic Feedback. <i>IETE Journal of Research</i> , 2003 , 49, 439-444	0.9	1
29	A Novel Filtering Scheme for Impulse Noise Cancellation. <i>IETE Journal of Research</i> , 2002 , 48, 163-170	0.9	1
28	Development of an Adaptive Block Filter Structure using Rectangular Transform. <i>IETE Journal of Research</i> , 1998 , 44, 109-123	0.9	1
27	Efficient scheme of pole-zero system identification based on multilayer neural network. <i>Electronics Letters</i> , 1993 , 29, 73-75	1.1	1
26	A Novel Scheme of Data Compression and Reconstruction using Multilayer Artificial Neural Network. <i>IETE Journal of Research</i> , 1995 , 41, 329-334	0.9	1
25	Error analysis of Good-Winograd algorithm assuming correlated truncation errors. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , 1983 , 31, 508-512		1
24	Multi-objective Approach to Speech Enhancement Using Tunable Q-Factor-based Wavelet Transform and ANN Techniques. <i>Circuits, Systems, and Signal Processing</i> , 2021 , 40, 6067	2.2	1
23	Low complexity distributed active noise control using secondary path constraints 2016 ,		1
22	Development of statistical estimators for speech enhancement using multi-objective grey wolf optimizer. <i>Evolutionary Intelligence</i> , 2021 , 14, 767-778	1.7	1
21	A new evolving-update-based feedback cancellation scheme for hearing aids. <i>Signal, Image and Video Processing</i> , 2018 , 12, 731-738	1.6	1
20	Proportionate subband filtering technique with L_1 -norm for feedback cancellation in hearing aids 2018 ,		1
19	Deep learning in astronomy: a tutorial perspective. <i>European Physical Journal: Special Topics</i> , 2021 , 230, 2285-2317	2.3	1
18	An exhaustive review of machine and deep learning based diagnosis of heart diseases. <i>Multimedia Tools and Applications</i> , ¹	2.5	1
17	On the Development and Performance Evaluation of Improved Radial Basis Function Neural Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	1
16	Analysis and design of 1 GHz PLL for fast phase and frequency acquisition. <i>International Journal of Signal and Imaging Systems Engineering</i> , 2014 , 7, 30	3.5	0

15	Development and performance evaluation of an improved complex valued radar pulse compressor. <i>Engineering Applications of Artificial Intelligence</i> , 2013 , 26, 2653-2660	7.2	o
14	Improved heart disease detection from ECG signal using deep learning based ensemble model. <i>Sustainable Computing: Informatics and Systems</i> , 2022 , 35, 100732	3	o
13	Development and assessment of machine learning based heart disease detection using imbalanced heart sound signal. <i>Biomedical Signal Processing and Control</i> , 2022 , 76, 103730	4.9	o
12	Constrained LMMSE-based object-specific reconstruction in compressive sensing. <i>IET Signal Processing</i> , 2017 , 11, 1122-1127	1.7	
11	Invariant to Character Rotation using Self Organizing Fuzzy Neural Network. <i>IETE Journal of Research</i> , 1997 , 43, 443-448	0.9	
10	Higher Order Statistics for Estimation of Degree of Noncausality in Active Noise Control System. <i>IETE Journal of Research</i> , 2003 , 49, 251-257	0.9	
9	Electronic Money: An Essence of E-Commerce. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2000 , 17, 203-207	1.5	
8	On the Development of an Intelligent Sensor using Nonlinear Identification and ANN Techniques. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 1996 , 13, 247-255	1.5	
7	Performance Evaluation of an Equalizer using BLMS Adaptive Algorithm under Constrained Word Length. <i>IETE Journal of Research</i> , 1993 , 39, 135-139	0.9	
6	Correction to "On the effect of correlation between truncation errors in fixed-point error analysis of Winograd short-length DFT algorithms". <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , 1982 , 30, 681-681		
5	Development of FLANN Based Multireference Active Noise Controllers for Nonlinear Acoustic Noise Processes. <i>Lecture Notes in Computer Science</i> , 2004 , 1198-1203	0.9	
4	Improved iterative blind image deconvolution. <i>Lecture Notes in Electrical Engineering</i> , 2009 , 271-278	0.2	
3	Interactive teaching learning based optimization technique for multiple object tracking. <i>Multimedia Tools and Applications</i> , 2021 , 80, 10577-10600	2.5	
2	Comprehensive review of computational intelligence based smart city community. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 41, 975-991	1.6	
1	Graph traversal aided detection in uplink MBM massive MIMO based on socio-cognitive knowledge of swarm optimization. <i>International Journal of Communication Systems</i> , 2021 , 34, e4720	1.7	