

# Ganapati K Panda

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

194  
papers

4,702  
citations

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 Cybertwin-Based 6G Cooperative IoE Communication Network: Secrecy Outage Analysis. <i>IEEE Transactions on Industrial Informatics</i> , <b>2022</b> , 1-1	11.9	4
193	Improved heart disease detection from ECG signal using deep learning based ensemble model. <i>Sustainable Computing: Informatics and Systems</i> , <b>2022</b> , 35, 100732	3	0
192	Development and assessment of machine learning based heart disease detection using imbalanced heart sound signal. <i>Biomedical Signal Processing and Control</i> , <b>2022</b> , 76, 103730	4.9	0
191	Multi-objective Approach to Speech Enhancement Using Tunable Q-Factor-based Wavelet Transform and ANN Techniques. <i>Circuits, Systems, and Signal Processing</i> , <b>2021</b> , 40, 6067	2.2	1
190	Heart disease detection using deep learning methods from imbalanced ECG samples. <i>Biomedical Signal Processing and Control</i> , <b>2021</b> , 68, 102820	4.9	7
189	On deep ensemble CNN+BAE based novel agro-market price forecasting. <i>Evolutionary Intelligence</i> , <b>2021</b> , 14, 851-862	1.7	3
188	Development of statistical estimators for speech enhancement using multi-objective grey wolf optimizer. <i>Evolutionary Intelligence</i> , <b>2021</b> , 14, 767-778	1.7	1
187	Interactive teaching learning based optimization technique for multiple object tracking. <i>Multimedia Tools and Applications</i> , <b>2021</b> , 80, 10577-10600	2.5	
186	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> , <b>2021</b> , PP,	3	4
185	GlaucoNet: Patch-Based Residual Deep Learning Network for Optic Disc and Cup Segmentation Towards Glaucoma Assessment. <i>SN Computer Science</i> , <b>2021</b> , 2, 1	2	3
184	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> , <b>2021</b> , 46, 4103-4118	2.5	2
183	Deep learning in astronomy: a tutorial perspective. <i>European Physical Journal: Special Topics</i> , <b>2021</b> , 230, 2285-2317	2.3	1
182	On the Classification of MR Images Using ELM-SSA-Coated Hybrid Model. <i>Mathematics</i> , <b>2021</b> , 9, 2095	2.3	4
181	Comprehensive review of computational intelligence based smart city community. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2021</b> , 41, 975-991	1.6	
180	Detection of COVID-19 from speech signal using bio-inspired based cepstral features. <i>Pattern Recognition</i> , <b>2021</b> , 117, 107999	7.7	18
179	Machine Learning Based Improved Malware Detection Schemes <b>2021</b> ,		2
178	On the Development and Performance Evaluation of Improved Radial Basis Function Neural Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-12	7.3	1

177	Graph traversal aided detection in uplink MBM massive MIMO based on socio-cognitive knowledge of swarm optimization. <i>International Journal of Communication Systems</i> , <b>2021</b> , 34, e4720	1.7	
176	Fast and improved backpropagation learning of multi-layer artificial neural network using adaptive activation function. <i>Expert Systems</i> , <b>2020</b> , 37, e12555	2.1	2
175	Bio-inspired evolutionary computing approach for distributed active noise control problem. <i>Cognitive Computation and Systems</i> , <b>2020</b> , 2, 57-65	1.2	3
174	Incremental Learning Based Adaptive Filter for Nonlinear Distributed Active Noise Control System. <i>IEEE Open Journal of Signal Processing</i> , <b>2020</b> , 1, 1-13	1.2	3
173	Improved Spatial Information Based Semisupervised Classification of Remote Sensing Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 329-340	4.7	4
172	Performance Evaluation of a New BP Algorithm for a Modified Artificial Neural Network. <i>Neural Processing Letters</i> , <b>2020</b> , 51, 1869-1889	2.4	13
171	Improved phase aware speech enhancement using bio-inspired and ANN techniques. <i>Analog Integrated Circuits and Signal Processing</i> , <b>2020</b> , 102, 465-477	1.2	3
170	Prioritizing barriers in reverse logistics of E-commerce supply chain using fuzzy-analytic hierarchy process. <i>Electronic Commerce Research</i> , <b>2020</b> , 20, 381-403	2.1	18
169	Zero attracting proportionate normalized subband adaptive filtering technique for feedback cancellation in hearing aids. <i>Applied Acoustics</i> , <b>2019</b> , 149, 39-45	3.1	6
168	PSO based adaptive narrowband ANC algorithm without the use of synchronization signal and secondary path estimate. <i>Mechanical Systems and Signal Processing</i> , <b>2019</b> , 114, 378-398	7.8	11
167	Reduced complexity diffusion filtered x least mean square algorithm for distributed active noise cancellation. <i>Signal, Image and Video Processing</i> , <b>2019</b> , 13, 447-455	1.6	4
166	S-transformation based integrated approach for spectrum estimation, storage, and sensing in cognitive radio. <i>Digital Communications and Networks</i> , <b>2019</b> , 5, 160-169	5.9	3
165	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> , <b>2018</b> , 65, 650-662	3.9	8
164	Automated retinal nerve fiber layer defect detection using fundus imaging in glaucoma. <i>Computerized Medical Imaging and Graphics</i> , <b>2018</b> , 66, 56-65	7.6	7
163	Unconstrained handwritten digit recognition using perceptual shape primitives. <i>Pattern Analysis and Applications</i> , <b>2018</b> , 21, 413-436	2.3	12
162	Hardware Design for VLSI Implementation of Acoustic Feedback Canceller in Hearing Aids. <i>Circuits, Systems, and Signal Processing</i> , <b>2018</b> , 37, 1383-1406	2.2	4
161	On distributed non-linear active noise control using diffusion collaborative learning strategy. <i>IET Signal Processing</i> , <b>2018</b> , 12, 410-421	1.7	7
160	Mean curvature and texture constrained composite weighted random walk algorithm for optic disc segmentation towards glaucoma screening. <i>Healthcare Technology Letters</i> , <b>2018</b> , 5, 31-37	1.9	6

159	Deep convolutional neural network-based patch classification for retinal nerve fiber layer defect detection in early glaucoma. <i>Journal of Medical Imaging</i> , <b>2018</b> , 5, 044003	2.6	12
158	A new evolving-update-based feedback cancellation scheme for hearing aids. <i>Signal, Image and Video Processing</i> , <b>2018</b> , 12, 731-738	1.6	1
157	On the Linear Antenna Array Synthesis Techniques for Sum and Difference Patterns Using Flower Pollination Algorithm. <i>Arabian Journal for Science and Engineering</i> , <b>2018</b> , 43, 3965-3977	2.5	13
156	Proportionate subband filtering technique with $\ell_1$ -norm for feedback cancellation in hearing aids <b>2018</b> ,		1
155	Hardware Design for VLSI Implementation of FxLMS- and FsLMS-Based Active Noise Controllers. <i>Circuits, Systems, and Signal Processing</i> , <b>2017</b> , 36, 447-473	2.2	7
154	Recurrent neural network based retinal nerve fiber layer defect detection in early glaucoma <b>2017</b> ,		6
153	Robust and accurate optic disk localization using vessel symmetry line measure in fundus images. <i>Biocybernetics and Biomedical Engineering</i> , <b>2017</b> , 37, 466-476	5.7	17
152	Individual-activation-factor based novel approach for acoustic feedback suppression in hearing aid. <i>Applied Acoustics</i> , <b>2017</b> , 127, 74-79	3.1	3
151	Odia character recognition: a directional review. <i>Artificial Intelligence Review</i> , <b>2017</b> , 48, 473-497	9.7	11
150	Information Combining Schemes for Cooperative Spectrum Sensing: A Survey and Comparative Performance Analysis. <i>Wireless Personal Communications</i> , <b>2017</b> , 94, 685-711	1.9	4
149	Constrained LMMSE-based object-specific reconstruction in compressive sensing. <i>IET Signal Processing</i> , <b>2017</b> , 11, 1122-1127	1.7	
148	BESAC: Binary External Symmetry Axis Constellation for unconstrained handwritten character recognition. <i>Pattern Recognition Letters</i> , <b>2016</b> , 83, 413-422	4.7	14
147	Particle swarm optimization based nonlinear active noise control under saturation nonlinearity. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 41, 275-289	7.5	17
146	New Binary Hausdorff Symmetry measure based seeded region growing for retinal vessel segmentation. <i>Biocybernetics and Biomedical Engineering</i> , <b>2016</b> , 36, 119-129	5.7	29
145	Prediction based mean-variance model for constrained portfolio assets selection using multiobjective evolutionary algorithms. <i>Swarm and Evolutionary Computation</i> , <b>2016</b> , 28, 117-130	9.8	18
144	An improved block adaptive system for effective feedback cancellation in hearing aids <b>2016</b> , 48, 216-225		4
143	A robust adaptive hybrid feedback cancellation scheme for hearing aids in the presence of outliers. <i>Applied Acoustics</i> , <b>2016</b> , 102, 146-155	3.1	8
142	Low complexity distributed active noise control using secondary path constraints <b>2016</b> ,		1

141	On new efficient law-based method for feedback compensation in hearing aids. <i>Electronics Letters</i> , <b>2016</b> , 52, 1200-1202	1.1	4
140	Fault tolerant distributed estimation in wireless sensor networks. <i>Journal of Network and Computer Applications</i> , <b>2016</b> , 69, 27-39	7.9	21
139	Error Saturation Nonlinearities for Robust Incremental LMS over Wireless Sensor Networks. <i>ACM Transactions on Sensor Networks</i> , <b>2015</b> , 11, 1-20	2.9	12
138	Gestalt configural superiority effect: A complexity paradigm for handwritten numeral recognition <b>2015</b> ,		4
137	Handwritten numeral recognition using non-redundant Stockwell transform and bio-inspired optimal zoning. <i>IET Image Processing</i> , <b>2015</b> , 9, 874-882	1.7	26
136	Design of computationally efficient density-based clustering algorithms. <i>Data and Knowledge Engineering</i> , <b>2015</b> , 95, 23-38	1.5	28
135	Development of a novel robust identification scheme for nonlinear dynamic systems. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2015</b> , 29, 385-406	2.8	3
134	Computationally efficient algorithm for high sampling-frequency operation of active noise control. <i>Mechanical Systems and Signal Processing</i> , <b>2015</b> , 56-57, 302-319	7.8	9
133	A survey on nature inspired metaheuristic algorithms for partitional clustering. <i>Swarm and Evolutionary Computation</i> , <b>2014</b> , 16, 1-18	9.8	330
132	Comparative performance analysis of evolutionary algorithm based parameter optimization in cognitive radio engine: A survey. <i>Ad Hoc Networks</i> , <b>2014</b> , 17, 129-146	4.8	27
131	Constrained portfolio asset selection using multiobjective bacteria foraging optimization. <i>Operational Research</i> , <b>2014</b> , 14, 113-145	1.6	14
130	Suppression of grating lobes in stepped frequency LFM pulse train using PSO. <i>Aerospace Science and Technology</i> , <b>2014</b> , 39, 338-341	4.9	2
129	Robust feedback cancellation in hearing aids in the presence of outliers <b>2014</b> ,		1
128	Hausdorff symmetry operator towards retinal blood vessel segmentation <b>2014</b> ,		4
127	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> , <b>2014</b> , 27, 43-50	2.6	35
126	Development of robust distributed learning strategies for wireless sensor networks using rank based norms. <i>Signal Processing</i> , <b>2014</b> , 101, 218-228	4.4	10
125	Robust incremental adaptive strategies for distributed networks to handle outliers in both input and desired data. <i>Signal Processing</i> , <b>2014</b> , 96, 300-309	4.4	9
124	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> , <b>2014</b> , 26, 7-18	2.5	42

123	Non-redundant stockwell transform based feature extraction for handwritten digit recognition <b>2014</b> ,		8
122	Development and performance evaluation of generalised Doppler compensated adaptive pulse compression algorithm. <i>IET Radar, Sonar and Navigation</i> , <b>2014</b> , 8, 297-306	1.4	3
121	Development of a novel narrowband active noise controller in presence of sensor error <b>2014</b> ,		3
120	Analysis and design of 1 GHz PLL for fast phase and frequency acquisition. <i>International Journal of Signal and Imaging Systems Engineering</i> , <b>2014</b> , 7, 30	3.5	0
119	A comparative performance assessment of a set of multiobjective algorithms for constrained portfolio assets selection. <i>Swarm and Evolutionary Computation</i> , <b>2014</b> , 16, 38-51	9.8	33
118	Hybrid approach using KPSO and RLS for RBFNN design for breast cancer detection. <i>Neural Computing and Applications</i> , <b>2014</b> , 24, 745-753	4.8	10
117	A multiobjective optimization approach to determine the parameters of stepped frequency pulse train. <i>Aerospace Science and Technology</i> , <b>2013</b> , 24, 101-110	4.9	4
116	Distributed and robust parameter estimation of IIR systems using incremental particle swarm optimization <b>2013</b> , 23, 1303-1313		17
115	Cooperative spectrum sensing in cognitive radio network using multiobjective evolutionary algorithms and fuzzy decision making. <i>Ad Hoc Networks</i> , <b>2013</b> , 11, 1022-1036	4.8	15
114	Automatic clustering algorithm based on multi-objective Immunized PSO to classify actions of 3D human models. <i>Engineering Applications of Artificial Intelligence</i> , <b>2013</b> , 26, 1429-1441	7.2	55
113	Distributed DOA estimation using clustering of sensor nodes and diffusion PSO algorithm. <i>Swarm and Evolutionary Computation</i> , <b>2013</b> , 9, 47-57	9.8	24
112	Active control of nonlinear noise processes using cascaded adaptive nonlinear filter. <i>Applied Acoustics</i> , <b>2013</b> , 74, 217-222	3.1	18
111	Advances in active noise control: A survey, with emphasis on recent nonlinear techniques. <i>Signal Processing</i> , <b>2013</b> , 93, 363-377	4.4	104
110	Development and performance evaluation of an improved complex valued radar pulse compressor. <i>Engineering Applications of Artificial Intelligence</i> , <b>2013</b> , 26, 2653-2660	7.2	0
109	Development of an efficient hybrid model for range sidelobe suppression in pulse compression radar. <i>Aerospace Science and Technology</i> , <b>2013</b> , 27, 156-162	4.9	9
108	A correlation based stochastic partitional algorithm for accurate cluster analysis. <i>International Journal of Signal and Imaging Systems Engineering</i> , <b>2013</b> , 6, 52	3.5	2
107	A tri-stage cluster identification model for accurate analysis of seismic catalogs. <i>Nonlinear Processes in Geophysics</i> , <b>2013</b> , 20, 143-162	2.9	9
106	Development and performance evaluation of neural network classifiers for Indian internet shoppers. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 2112-2118	7.8	10

105	Solving multiobjective problems using cat swarm optimization. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 2956-2964	7.8	153
104	A robust evolutionary feedforward active noise control system using Wilcoxon norm and particle swarm optimization algorithm. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 7574-7580	7.8	13
103	On the development of adaptive hybrid active noise control system for effective mitigation of nonlinear noise. <i>Signal Processing</i> , <b>2012</b> , 92, 509-516	4.4	35
102	. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2012</b> , 61, 554-563	5.2	40
101	A Particle-Swarm-Optimization-Based Decentralized Nonlinear Active Noise Control System. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2012</b> , 61, 3378-3386	5.2	62
100	Distribution system planning considering reliable feeder routing. <i>IET Generation, Transmission and Distribution</i> , <b>2012</b> , 6, 503	2.5	21
99	Robust Distributed Learning in Wireless Sensor Network using Efficient Step Size. <i>Procedia Technology</i> , <b>2012</b> , 6, 864-871		1
98	QR-based incremental minimum-Wilcoxon-norm strategies for distributed wireless sensor networks. <i>Signal Processing</i> , <b>2012</b> , 92, 2657-2667	4.4	7
97	New robust forecasting models for exchange rates prediction. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 12658-12670	7.8	26
96	Distributed bearing estimation technique using diffusion particle swarm optimisation algorithm. <i>IET Wireless Sensor Systems</i> , <b>2012</b> , 2, 385-393	1.6	12
95	Pareto optimization of cognitive radio parameters using multiobjective evolutionary algorithms and fuzzy decision making. <i>Swarm and Evolutionary Computation</i> , <b>2012</b> , 7, 7-20	9.8	18
94	Identification of Glacial Isostatic Adjustment in Eastern Canada Using S Transform Filtering of GPS Observations. <i>Pure and Applied Geophysics</i> , <b>2012</b> , 169, 1507-1517	2.2	9
93	Connectivity constrained wireless sensor deployment using multiobjective evolutionary algorithms and fuzzy decision making. <i>Ad Hoc Networks</i> , <b>2012</b> , 10, 1134-1145	4.8	37
92	A robust filtered-s LMS algorithm for nonlinear active noise control. <i>Applied Acoustics</i> , <b>2012</b> , 73, 836-841 <sub>3,1</sub>		63
91	Identification of protein-coding regions in DNA sequences using a time-frequency filtering approach. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2011</b> , 9, 45-55	6.5	32
90	Robust identification of nonlinear complex systems using low complexity ANN and particle swarm optimization technique. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 321-333	7.8	43
89	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> , <b>2011</b> , 8, 1235-46	3	19
88	Development of low complexity evolutionary computing based nonlinear active noise control systems <b>2011</b> ,		3

87	IIR system identification using cat swarm optimization. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 12671-12683	161
86	Maximum likelihood DOA estimation in distributed wireless sensor network using adaptive particle swarm optimization <b>2011</b> ,	8
85	Direct and Inverse Modeling of Plants Using Cat Swarm Optimization. <i>Adaptation, Learning, and Optimization</i> , <b>2011</b> , 469-485	0.7 5
84	Performance Evaluation of Particle Swarm Optimization Based Active Noise Control Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 531-536	0.9 2
83	Sign-Regressor Wilcoxon and Sign-Sign Wilcoxon <b>2010</b> ,	2
82	Multi-objective evolutionary algorithms for financial portfolio design. <i>International Journal of Computational Vision and Robotics</i> , <b>2010</b> , 1, 236	0.7 3
81	Effects of finite register length on fast ICA, bacterial foraging optimization based ICA and constrained genetic algorithm based ICA algorithm <b>2010</b> , 20, 964-975	13
80	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> , <b>2010</b> , 59, 947-953	5.2 21
79	A novel feature representation method based on Chou's pseudo amino acid composition for protein structural class prediction. <i>Computational Biology and Chemistry</i> , <b>2010</b> , 34, 320-7	3.6 175
78	Development of efficient identification scheme for nonlinear dynamic systems using swarm intelligence techniques. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 556-566	7.8 27
77	Improved identification of Hammerstein plants using new CPSO and IPSO algorithms. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 6818-6831	7.8 44
76	Development of immunized pso algorithm and its application to hammerstein model identification <b>2009</b> ,	9
75	Multi-objective particle swarm optimization approach to portfolio optimization <b>2009</b> ,	15
74	A Recurrent Neural Network Approach to Pulse Radar Detection <b>2009</b> ,	1
73	Forecasting of retail sales data using differential evolution <b>2009</b> ,	1
72	H-S-X Cryptosystem and Its Application to Image Encryption <b>2009</b> ,	7
71	Comparative performance evaluation of multiobjective optimization algorithms for portfolio management <b>2009</b> ,	2
70	Development and performance evaluation of FLANN based model for forecasting of stock markets. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 6800-6808	7.8 127

69	Efficient prediction of stock market indices using adaptive bacterial foraging optimization (ABFO) and BFO based techniques. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 10097-10104	7.8	97
68	Efficient prediction of exchange rates with low complexity artificial neural network models. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 181-189	7.8	63
67	Particle swarm optimized multiple regression linear model for data classification. <i>Applied Soft Computing Journal</i> , <b>2009</b> , 9, 470-476	7.5	21
66	Energy Efficient Layout for a Wireless Sensor Network using Multi-Objective Particle Swarm Optimization <b>2009</b> ,		11
65	Robust Distributed Optimization in Wireless Sensor Network <b>2009</b> ,		1
64	Invertible, Involutory and Permutation Matrix Generation Methods for Hill Cipher System <b>2009</b> ,		4
63	An Improved S-Transform for Time-Frequency Analysis <b>2009</b> ,		19
62	Generation of Pulse Compression Codes Using NSGA-II <b>2009</b> ,		2
61	Improved Identification of Nonlinear MIMO Plants using New Hybrid FLANN-AIS Model <b>2009</b> ,		11
60	Efficient design of pulse compression codes using multiobjective genetic algorithm <b>2009</b> ,		3
59	Improved protein structural class prediction using genetic algorithm and artificial immune system <b>2009</b> ,		2
58	Efficient sales forecasting using PSO based adaptive ARMA model <b>2009</b> ,		2
57	Identification of IIR systems using comprehensive learning particle swarm optimisation. <i>International Journal of Power and Energy Conversion</i> , <b>2009</b> , 1, 105	0.4	7
56	Improved iterative blind image deconvolution. <i>Lecture Notes in Electrical Engineering</i> , <b>2009</b> , 271-278	0.2	
55	Image Encryption by Novel Cryptosystem Using Matrix Transformation <b>2008</b> ,		11
54	Development of Novel Digital Equalizers for Noisy Nonlinear Channel using Artificial Immune System <b>2008</b> ,		4
53	Development of a New Optimization Algorithm Based on Artificial Immune System and Its Application <b>2008</b> ,		1
52	A Review of Independent Component Analysis Techniques and their Applications. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , <b>2008</b> , 25, 320	1.5	17

51	Improved identification of nonlinear dynamic systems using Artificial Immune System <b>2008</b> ,		2
50	A combined S-transform and fuzzy expert system for phase selection in digital relaying. <i>European Transactions on Electrical Power</i> , <b>2008</b> , 18, 448-460		4
49	A reduced and comprehensible polynomial neural network for classification. <i>Pattern Recognition Letters</i> , <b>2008</b> , 29, 1705-1712	4.7	21
48	Fault Classification and Section Identification of an Advanced Series-Compensated Transmission Line Using Support Vector Machine. <i>IEEE Transactions on Power Delivery</i> , <b>2007</b> , 22, 67-73	4.3	192
47	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> , <b>2007</b> , 29, 551-556	5.1	39
46	Power transformer protection using S-transform with complex window and pattern recognition approach. <i>IET Generation, Transmission and Distribution</i> , <b>2007</b> , 1, 278	2.5	36
45	Time-frequency transform approach for protection of parallel transmission lines. <i>IET Generation, Transmission and Distribution</i> , <b>2007</b> , 1, 30	2.5	36
44	New block filtered-X LMS algorithms for active noise control systems. <i>IET Signal Processing</i> , <b>2007</b> , 1, 73-81	1.7	29
43	Fault classification and location using HS-transform and radial basis function neural network. <i>Electric Power Systems Research</i> , <b>2006</b> , 76, 897-905	3.5	73
42	An Efficient Hybrid Image Compression Scheme using DWT and ANN Techniques. <i>IETE Journal of Research</i> , <b>2006</b> , 52, 17-26	0.9	1
41	Multivariable nonlinear control of STATCOM for synchronous generator stabilization. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2004</b> , 26, 37-48	5.1	17
40	An integrated data compression scheme for power quality events using spline wavelet and neural network. <i>Electric Power Systems Research</i> , <b>2004</b> , 69, 213-220	3.5	19
39	Active mitigation of nonlinear noise Processes using a novel filtered-s LMS algorithm. <i>IEEE Transactions on Speech and Audio Processing</i> , <b>2004</b> , 12, 313-322		170
38	Development of FLANN Based Multireference Active Noise Controllers for Nonlinear Acoustic Noise Processes. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 1198-1203	0.9	
37	Adaptive Filter based Active Noise Controller under Acoustic Feedback. <i>IETE Journal of Research</i> , <b>2003</b> , 49, 439-444	0.9	1
36	Higher Order Statistics for Estimation of Degree of Noncausality in Active Noise Control System. <i>IETE Journal of Research</i> , <b>2003</b> , 49, 251-257	0.9	
35	Power quality analysis using S-transform. <i>IEEE Transactions on Power Delivery</i> , <b>2003</b> , 18, 406-411	4.3	264
34	Power quality disturbance data compression, detection, and classification using integrated spline wavelet and S-transform. <i>IEEE Transactions on Power Delivery</i> , <b>2003</b> , 18, 595-600	4.3	79

33	Application of a multivariable feedback linearization scheme for STATCOM control. <i>Electric Power Systems Research</i> , <b>2002</b> , 62, 81-91	3.5	43
32	A Novel Filtering Scheme for Impulse Noise Cancellation. <i>IETE Journal of Research</i> , <b>2002</b> , 48, 163-170	0.9	1
31	Data compression of power quality events using the slantlet transform. <i>IEEE Transactions on Power Delivery</i> , <b>2002</b> , 17, 662-667	4.3	35
30	A fast and accurate distance relaying scheme using an efficient radial basis function neural network. <i>Electric Power Systems Research</i> , <b>2001</b> , 60, 1-8	3.5	11
29	Application of minimal radial basis function neural network to distance protection. <i>IEEE Transactions on Power Delivery</i> , <b>2001</b> , 16, 68-74	4.3	60
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