Pradipta Dash

List of Publications by Year in Descending Order

202 papers	5,362 citations	41 h-index	67 g-index
217 ext. papers	6,754 ext. citations	4.5 avg, IF	6.55 L-index

#	Paper	IF	Citations
202	Diagnosing utility grid disturbances in photovoltaic integrated DC microgrid using adaptive multiscale morphology with DFA analysis. *Sustainable Energy, Grids and Networks*, **2022**, 29, 100574	3.6	0
201	Multiple power quality disturbances analysis in photovoltaic integrated direct current microgrid using adaptive morphological filter with deep learning algorithm. *Applied Energy*, **2022**, 309, 118454	10.7	3
200	Influential Gene Selection From High-Dimensional Genomic Data Using a Bio-Inspired Algorithm Wrapped Broad Learning System. *IEEE Access*, **2022**, 10, 49219-49232	3.5	1
199	A new adaptive integral back stepping fractional order sliding mode control approach for PV and wind with battery system based DC microgrid. *Sustainable Energy Technologies and Assessments*, **2022**, 52, 102261	4.7	0
198	An efficient robust optimized functional link broad learning system for solar irradiance prediction. *Applied Energy*, **2022**, 319, 119277	10.7	0
197	Adaptive VMD based optimized deep learning mixed kernel ELM autoencoder for single and multistep wind power forecasting. *Energy*, **2021**, 244, 122585	7.9	2
196	Islanding detection in photovoltaic based DC micro grid using adaptive variational mode decomposition and detrended fluctuation analysis. *IET Generation, Transmission and Distribution*, **2021**, 15, 631-644	2.5	2
195	Real-time Energy Management for PV–Battery–Wind based microgrid using on-line sequential Kernel Based Robust Random Vector Functional Link Network. *Applied Soft Computing Journal*, **2021**, 101, 107059	7.5	5
194	Multifuse multilayer multikernel RVFLN+ of process modes decomposition and approximate entropy data from iEEG/sEEG signals for epileptic seizure recognition. *Computers in Biology and Medicine*, **2021**, 132, 104299	7	5
193	Automatic identification of epileptic seizure signal using optimized added kernel support vector machine (OAKSVM). *Neural Computing and Applications*, **2021**, 33, 9109-9123	4.8	1
192	Epileptic Seizure Recognition Using Reduced Deep Convolutional Stack Autoencoder and Improved Kernel RVFLN From EEG Signals. *IEEE Transactions on Biomedical Circuits and Systems*, **2021**, 15, 595-605	5.1	4
191	Fault analysis in photovoltaic generation based DC microgrid using multifractal detrended fluctuation analysis. *International Transactions on Electrical Energy Systems*, **2021**, 31,	2.2	4
190	FPGA-Based Deep Convolutional Neural Network of Process Adaptive VMD Data With Online Sequential RVFLN for Power Quality Events Recognition. *IEEE Transactions on Power Electronics*, **2021**, 36, 4006-4015	7.2	9
189	Deep Convolutional Stack Autoencoder of Process Adaptive VMD Data With Robust Multikernel RVFLN for Power Quality Events Recognition. *IEEE Transactions on Instrumentation and Measurement*, **2021**, 70, 1-12	5.2	6
188	Islanding detection in different configurations of multiple photovoltaic distributed generation-based direct current microgrid using improved mode decomposition technique. *International Transactions on Electrical Energy Systems*, **2021**, 31, e12796	2.2	0
187	Detection of islanding and non-islanding fault disturbances in microgrid using LMD and deep stacked RVFLN based auto-encoder. *Electrical Engineering*, **2021**, 103, 2747	1.5	1
186	Multi-objective auto-encoder deep learning-based stack switching scheme for improved battery life using error prediction of wind-battery storage microgrid. *International Journal of Energy Research*, **2021**, 45, 20331	4.5	0

185	Short term solar power forecasting using hybrid minimum variance expanded RVFLN and Sine-Cosine Levy Flight PSO algorithm. *Renewable Energy*, **2021**, 174, 513-537	8.1	8
184	Deep long short term memory based minimum variance kernel random vector functional link network for epileptic EEG signal classification. *Engineering Applications of Artificial Intelligence*, **2021**, 105, 104426	7.2	1
183	A Fast and Adaptive Dynamic Phasor Estimation Algorithm Implemented on Field Programmable Gate Array (FPGA). *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	2
182	Multi-kernel-based random vector functional link network with decomposed features for epileptic EEG signal classification. *IET Signal Processing*, **2020**, 14, 162-174	1.7	6
181	Optimal control of PV WS battery-based microgrid using an adaptive water cycle technique. *Electrical Engineering*, **2020**, 102, 2193-2210	1.5	1
180	Islanding and power quality disturbance monitoring in microgrid using adaptive cross variational mode decomposition and reduced kernel ridge regression. *International Transactions on Electrical Energy Systems*, **2020**, 30, e12364	2.2	6
179	A low rank robust kernel ridge regression classifier for power quality disturbance pattern recognition. *International Journal of Knowledge-Based and Intelligent Engineering Systems*, **2020**, 23, 219-240	0.5	
178	Effective fault diagnosis and distance calculation for photovoltaic-based DC microgrid using adaptive EWT and kernel random vector functional link network. *IET Generation, Transmission and Distribution*, **2020**, 14, 690-703	2.5	10
177	FPGA implementation of adaptive p-norm filter for non-stationary power signal parameter estimation. *IET Science, Measurement and Technology*, **2020**, 14, 206-219	1.5	4
176	Point and Interval Solar Power Forecasting Using Hybrid Empirical Wavelet Transform and Robust Wavelet Kernel Ridge Regression. *Natural Resources Research*, **2020**, 29, 2813-2841	4.9	5
175	A new Exponentially Expanded Robust Random Vector Functional Link Network based MPPT model for Local Energy Management of PV-Battery Energy Storage Integrated Microgrid. *Engineering Applications of Artificial Intelligence*, **2020**, 91, 103633	7.2	9
174	Intelligent energy management in microgrid using prediction errors from uncertain renewable power generation. *IET Generation, Transmission and Distribution*, **2020**, 14, 1552-1565	2.5	5
173	Automatic Power Quality Events Recognition Using Modes Decomposition Based Online P-Norm Adaptive Extreme Learning Machine. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 4355-4364	11.9	5
172	Frequency-scaled optimized time-frequency transform for harmonic estimation in photovoltaic-based microgrid. *International Transactions on Electrical Energy Systems*, **2020**, 30, e12169	2.2	2
171	Adaptive third order terminal sliding mode power control of DFIG based wind farm for power system stabilisation. *International Journal of Dynamics and Control*, **2020**, 8, 629-643	1.7	1
170	Islanding and non-islanding disturbance detection in microgrid using optimized modes decomposition based robust random vector functional link network. *Engineering Applications of Artificial Intelligence*, **2019**, 85, 122-136	7.2	7
169	Modes decomposition method in fusion with robust random vector functional link network for crude oil price forecasting. *Applied Soft Computing Journal*, **2019**, 80, 475-493	7.5	35
168	An effective battery management scheme for wind energy systems using multi Kernel Ridge regression algorithm. *Journal of Energy Storage*, **2019**, 21, 418-434	7.8	9

167	Hybrid Variational Mode Decomposition and evolutionary robust kernel extreme learning machine for stock price and movement prediction on daily basis. *Applied Soft Computing Journal*, **2019**, 74, 652-678	7.5	51
166	FPGA-Based Online Power Quality Disturbances Monitoring Using Reduced-Sample HHT and Class-Specific Weighted RVFLN. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 4614-4623	11.9	36
165	A new robust kernel ridge regression classifier for islanding and power quality disturbances in a multi distributed generation based microgrid. *Renewable Energy Focus*, **2019**, 28, 78-99	5.4	12
164	Short-term mixed electricity demand and price forecasting using adaptive autoregressive moving average and functional link neural network. *Journal of Modern Power Systems and Clean Energy*, **2019**, 7, 1241-1255	4	7
163	A multi-objective wind speed and wind power prediction interval forecasting using variational modes decomposition based Multi-kernel robust ridge regression. *Renewable Energy*, **2019**, 136, 701-731	8.1	61
162	Adaptive differential relay coordination for PV DC microgrid using a new kernel based time-frequency transform. *International Journal of Electrical Power and Energy Systems*, **2019**, 106, 56-67	5.1	22
161	Short-term prediction of wind power using a hybrid pseudo-inverse Legendre neural network and adaptive firefly algorithm. *Neural Computing and Applications*, **2019**, 31, 2243-2268	4.8	21
160	A Hybrid Time Frequency Response and Fuzzy Decision Tree for Non-stationary Signal Analysis and Pattern Recognition. *International Journal of Automation and Computing*, **2019**, 16, 398-412	3.5	1
159	Multiclass power quality events classification using variational mode decomposition with fast reduced kernel extreme learning machine-based feature selection. *IET Science, Measurement and Technology*, **2018**, 12, 106-117	1.5	16
158	Performance validation of battery management system under prediction error for photovoltaic based distribution system. *IET Renewable Power Generation*, **2018**, 12, 702-717	2.9	7
157	Detection and classification of islanding and power quality disturbances in microgrid using hybrid signal processing and data mining techniques. *IET Signal Processing*, **2018**, 12, 82-94	1.7	24
156	Short-term wind speed and wind power prediction using hybrid empirical mode decomposition and kernel ridge regression. *Applied Soft Computing Journal*, **2018**, 70, 1167-1188	7.5	91
155	Variational mode decomposition and weighted online sequential extreme learning machine for power quality event patterns recognition. *Neurocomputing*, **2018**, 310, 10-27	5.4	29
154	Automatic Power Quality Events Recognition Based on Hilbert Huang Transform and Weighted Bidirectional Extreme Learning Machine. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 3849-3858	11.9	67
153	A Gauss Newton ADALINE for Dynamic Phasor Estimation of Power Signals and Its FPGA Implementation. *IEEE Transactions on Instrumentation and Measurement*, **2018**, 67, 45-56	5.2	26
152	Fault Detection and Location of Photovoltaic Based DC Microgrid Using Differential Protection Strategy. *IEEE Transactions on Smart Grid*, **2018**, 9, 4303-4312	10.7	118
151	Short term wind speed prediction using multiple kernel pseudo inverse neural network. *International Journal of Automation and Computing*, **2018**, 15, 66-83	3.5	16
150	Data decomposition based fast reduced kernel extreme learning machine for currency exchange rate forecasting and trend analysis. *Expert Systems With Applications*, **2018**, 96, 427-449	7.8	18

149	Short term wind power forecasting using hybrid variational mode decomposition and multi-kernel regularized pseudo inverse neural network. *Renewable Energy*, **2018**, 118, 180-212	8.1	53
148	Stability assessment and optimal state-feedback system design for PQ-Vf coordination in a PV/DFIG/DSG based microgrid. *Renewable Energy Focus*, **2018**, 27, 14-32	5.4	2
147	A new hybrid firefly optimized P-Q and V-f controller coordination for PV-DG based microgrid stabilization. *International Transactions on Electrical Energy Systems*, **2018**, 28, e2568	2.2	11
146	Prediction interval forecasting of wind speed and wind power using modes decomposition based low rank multi-kernel ridge regression. *Renewable Energy*, **2018**, 129, 357-383	8.1	65
145	Variational mode decomposition based low rank robust kernel extreme learning machine for solar irradiation forecasting. *Energy Conversion and Management*, **2018**, 171, 787-806	10.6	41
144	Forecasting financial time series using a low complexity recurrent neural network and evolutionary learning approach. *Journal of King Saud University - Computer and Information Sciences*, **2017**, 29, 536-552	2.5	32
143	Adaptive Non-Linear Control of UPFC for Stability Enhancement in a Multimachine Power System Operating with a DFIG Based Wind Farm. *Asian Journal of Control*, **2017**, 19, 1575-1594	1.7	6
142	Differential current-based fault protection with adaptive threshold for multiple PV-based DC microgrid. *IET Renewable Power Generation*, **2017**, 11, 778-790	2.9	54
141	Stability improvement of PV-BESS diesel generator-based microgrid with a new modified harmony search-based hybrid firefly algorithm. *IET Renewable Power Generation*, **2017**, 11, 566-577	2.9	35
140	Detection, classification, and location of faults on grid-connected and islanded AC microgrid. *International Transactions on Electrical Energy Systems*, **2017**, 27, e2431	2.2	17
139	A fast time-frequency response based differential spectral energy protection of AC microgrids including fault location. *Protection and Control of Modern Power Systems*, **2017**, 2,	6.7	6
138	An evolutionary online sequential extreme learning machine for maximum power point tracking and control in multi-photovoltaic microgrid system. *Renewable Energy Focus*, **2017**, 21, 33-53	5.4	12
137	Advanced signal processing techniques for multiclass disturbance detection and classification in microgrids. *IET Science, Measurement and Technology*, **2017**, 11, 504-515	1.5	7
136	Adaptive threshold based new active islanding protection scheme for multiple PV based microgrid application. *IET Generation, Transmission and Distribution*, **2017**, 11, 118-132	2.5	21
135	Field programmable gate array implementation of fuzzy variable step size adaptive linear element for adaptive frequency estimation. *IET Signal Processing*, **2017**, 11, 1083-1094	1.7	10
134	Hilbert huang transform with fuzzy rules for feature selection and classification of power quality disturbances **2017**,		2
133	Comparison of modified teaching-learning-based optimization and extreme learning machine for classification of multiple power signal disturbances. *Neural Computing and Applications*, **2016**, 27, 2107-2122	4.8	11
132	A new cross-differential protection scheme for parallel transmission lines including UPFC **2016**,		2

131	Evolutionary extreme learning machine for energy price forecasting. *International Journal of Knowledge-Based and Intelligent Engineering Systems*, **2016**, 20, 75-96	0.5	5
130	Forecasting foreign exchange rates using hybrid functional link RBF neural network and Levenberg-Marquardt learning algorithm. *Intelligent Decision Technologies*, **2016**, 10, 299-313	0.7	7
129	A mutated hybrid firefly approach to mitigate dynamic oscillations of second order PLL based PV-battery system for microgrid applications. *Sustainable Energy Technologies and Assessments*, **2016**, 16, 69-83	4.7	5
128	A hybrid functional link dynamic neural network and evolutionary unscented Kalman filter for short-term electricity price forecasting. *Neural Computing and Applications*, **2016**, 27, 2123-2140	4.8	10
127	Efficient stock price prediction using a Self Evolving Recurrent Neuro-Fuzzy Inference System optimized through a Modified Differential Harmony Search Technique. *Expert Systems With Applications*, **2016**, 52, 75-90	7.8	36
126	A fast time-frequency transform based differential relaying scheme for UPFC based double-circuit transmission line. *International Journal of Electrical Power and Energy Systems*, **2016**, 77, 404-417	5.1	15
125	Adaptive backstepping sliding mode control of a grid interactive PV-VSC system with LCL filter. *Sustainable Energy, Grids and Networks*, **2016**, 6, 109-124	3.6	11
124	Fast adaptive back-stepping terminal sliding mode power control for both the rotor-side as well as grid-side converter of the doubly fed induction generator-based wind farms. *IET Renewable Power Generation*, **2016**, 10, 598-610	2.9	32
123	Prediction of Financial Time Series Data using Hybrid Evolutionary Legendre Neural Network. *International Journal of Applied Evolutionary Computation*, **2016**, 7, 16-32	0.6	14
122	Adaptive terminal sliding mode power control of DFIG based wind energy conversion system for stability enhancement. *International Transactions on Electrical Energy Systems*, **2016**, 26, 750-782	2.2	35
121	A new Taylor-LMS adaptive filter for parameter estimation of power signals including distributed generation systems. *Australian Journal of Electrical and Electronics Engineering*, **2016**, 13, 174-194	0.6	4
120	A firefly optimized fast extreme learning machine based maximum power point tracking for stability analysis of microgrid with two stage photovoltaic generation system. *Journal of Renewable and Sustainable Energy*, **2016**, 8, 025501	2.5	10
119	A new backstepping finite time sliding mode control of grid connected PV system using multivariable dynamic VSC model. *International Journal of Electrical Power and Energy Systems*, **2016**, 82, 314-330	5.1	27
118	Microarray medical data classification using kernel ridge regression and modified cat swarm optimization based gene selection system. *Swarm and Evolutionary Computation*, **2016**, 28, 144-160	9.8	78
117	A hybrid stock trading framework integrating technical analysis with machine learning techniques. *Journal of Finance and Data Science*, **2016**, 2, 42-57	2	83
116	A quadratic polynomial signal model and fuzzy adaptive filter for frequency and parameter estimation of nonstationary power signals. *Measurement: Journal of the International Measurement Confederation*, **2016**, 87, 274-293	4.6	15
115	Harmonic Profile Injection-Based Hybrid Active Islanding Detection Technique for PV-VSC-Based Microgrid System. *IEEE Transactions on Sustainable Energy*, **2016**, 7, 1473-1481	8.2	31
114	Impact of wind farms on disturbance detection and classification in distributed generation using modified Adaline network and an adaptive neuro-fuzzy information system. *Applied Soft Computing Journal*, **2015**, 30, 549-566	7.5	11

113	Robust estimation of power quality disturbances using unscented H∞ filter. *International Journal of Electrical Power and Energy Systems*, **2015**, 73, 438-447	5.1	17
112	An improved cuckoo search based extreme learning machine for medical data classification. *Swarm and Evolutionary Computation*, **2015**, 24, 25-49	9.8	120
111	Distance protection of shunt compensated transmission line using a sparse S-transform. *IET Generation, Transmission and Distribution*, **2015**, 9, 1264-1274	2.5	27
110	Finite-time sliding mode power control of grid-connected three-phase photovoltaic array. *Australian Journal of Electrical and Electronics Engineering*, **2015**, 12, 301-311	0.6	2
109	Sparse S-transform for location of faults on transmission lines operating with unified power flow controller. *IET Generation, Transmission and Distribution*, **2015**, 9, 2108-2116	2.5	14
108	Distance protection using a time-frequency filtering technique. *International Transactions on Electrical Energy Systems*, **2015**, 25, 678-696	2.2	1
107	A morphological filter based disturbance detection and classification technique for DFIG wind farm based microgrid **2015**,		3
106	A comparative study of radial basis function network with different basis functions for stock trend prediction **2015**,		6
105	Stock price index movement classification using a CEFLANN with extreme learning machine **2015**,		7
104	A fast hybrid adaptive filter for parameter estimation of non stationary sinusoid under noise **2015**,		4
103	Financial time series prediction using a hybrid functional link fuzzy neural network trained by adaptive unscented kalman filter **2015**,		5
102	Performance analysis of a new fast negative sequence power injection oriented islanding detection technique for photovoltaic photovoltaic based voltage source converter based micro grid operation. *IET Generation, Transmission and Distribution*, **2015**, 9, 2079-2090	2.5	15
101	A Finite Time Fast Terminal Sliding Mode I-V Control of Grid-Connected PV Array. *Journal of Control, Automation and Electrical Systems*, **2015**, 26, 314-335	1.5	14
100	A hybrid evolutionary dynamic neural network for stock market trend analysis and prediction using unscented Kalman filter. *Applied Soft Computing Journal*, **2014**, 19, 41-56	7.5	63
99	A new fast discrete S-transform and decision tree for the classification and monitoring of power quality disturbance waveforms. *International Transactions on Electrical Energy Systems*, **2014**, 24, 1279-1300	2.2	27
98	Detection and Classification of Islanding and Nonislanding Events in Distributed Generation Based on Fuzzy Decision Tree. *Journal of Control, Automation and Electrical Systems*, **2014**, 25, 699-719	1.5	15
97	A self adaptive differential harmony search based optimized extreme learning machine for financial time series prediction. *Swarm and Evolutionary Computation*, **2014**, 19, 25-42	9.8	64
96	A new time-frequency approach for distance protection in parallel transmission lines operating with STATCOM. *International Journal of Electrical Power and Energy Systems*, **2014**, 61, 606-619	5.1	22

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95	Nonlinear control of voltage source converters in AC-DC power system. *ISA Transactions*, **2014**, 53, 1268-85	3.5	6
94	Nonstationary signal pattern recognition using fast time-time filtering and decision tree. *Journal of Intelligent and Fuzzy Systems*, **2014**, 27, 1361-1373	1.6	1
93	A hybrid decision tree and new frequency filtering S-transform for simultaneous power signal disturbance pattern recognition. *International Journal of Knowledge-Based and Intelligent Engineering Systems*, **2014**, 18, 229-245	0.5	1
92	Nonstationary power signal time series data classification using LVQ classifier. *Applied Soft Computing Journal*, **2014**, 18, 158-166	7.5	25
91	Estimation of time varying signal parameters using an improved Adaline learning algorithm. *AEU - International Journal of Electronics and Communications*, **2014**, 68, 115-129	2.8	13
90	A signal processing adaptive algorithm for nonstationary power signal parameter estimation. *International Journal of Adaptive Control and Signal Processing*, **2013**, 27, 166-181	2.8	7
89	Local linear wavelet neural network based breast tumor classification using firefly algorithm. *Neural Computing and Applications*, **2013**, 22, 1591-1598	4.8	23
88	Measurement and Classification of Simultaneous Power Signal Patterns With an S-Transform Variant and Fuzzy Decision Tree. *IEEE Transactions on Industrial Informatics*, **2013**, 9, 1819-1827	11.9	104
87	Local linear wavelet neural network for breast cancer recognition. *Neural Computing and Applications*, **2013**, 22, 125-131	4.8	23
86	A New Real-Time Fast Discrete S-Transform for Cross-Differential Protection of Shunt-Compensated Power Systems. *IEEE Transactions on Power Delivery*, **2013**, 28, 402-410	4.3	67
85	Fast frequency and harmonic estimation in power systems using a new optimized adaptive filter. *Electrical Engineering*, **2013**, 95, 171-184	1.5	7
84	Detection and characterization of multiple power quality disturbances with a fast S-transform and decision tree based classifier **2013**, 23, 1071-1083		100
83	NARX model based nonlinear dynamic system identification using low complexity neural networks and robust H∞ filter. *Applied Soft Computing Journal*, **2013**, 13, 3324-3334	7.5	31
82	Dynamic phasor and frequency estimation of time-varying power system signals. *International Journal of Electrical Power and Energy Systems*, **2013**, 44, 971-980	5.1	23
81	Intelligent system based on local linear wavelet neural network and recursive least square approach for breast cancer classification. *Artificial Intelligence Review*, **2013**, 39, 151-163	9.7	12
80	A Fast Gauss-Newton Algorithm for Islanding Detection in Distributed Generation. *IEEE Transactions on Smart Grid*, **2012**, 3, 1181-1191	10.7	24
79	A hybrid time–frequency approach based fuzzy logic system for power island detection in grid connected distributed generation. *International Journal of Electrical Power and Energy Systems*, **2012**, 42, 453-464	5.1	53
78	Classification of power quality data using decision tree and chemotactic differential evolution based fuzzy clustering. *Swarm and Evolutionary Computation*, **2012**, 4, 12-24	9.8	41

No.	Title	IF	Cit.
77	Time frequency analysis and power signal disturbance classification using support vector machine and differential evolution algorithm. *International Journal of Knowledge-Based and Intelligent Engineering Systems*, **2012**, 16, 199-214	0.5	2
76	Estimation of power quality indices in distributed generation systems during power islanding conditions. *International Journal of Electrical Power and Energy Systems*, **2012**, 36, 18-30	5.1	54
75	A PSO based integrated functional link net and interval type-2 fuzzy logic system for predicting stock market indices. *Applied Soft Computing Journal*, **2012**, 12, 931-941	7.5	82
74	Robust Input-Output Linearisation Control of Insulated Gate Bipolar Transistor Based Voltage Source Converters for Stabilisation of High Voltage DC Transmission Link. *Australian Journal of Electrical and Electronics Engineering*, **2012**, 9, 417-427	0.6	
73	Fast recursive Gauss–Newton adaptive filter for the estimation of power system frequency and harmonics in a noisy environment. *IET Generation, Transmission and Distribution*, **2011**, 5, 1277	2.5	24
72	Probabilistic Neural Network Based Islanding Detection in Distributed Generation. *Electric Power Components and Systems*, **2011**, 39, 191-203	1	46
71	A Fast Recursive Algorithm for the Estimation of Frequency, Amplitude, and Phase of Noisy Sinusoid. *IEEE Transactions on Industrial Electronics*, **2011**, 58, 4847-4856	8.9	48
70	A PSO based time series data clustering using modified S-transform for data mining. *International Journal of Data Mining, Modelling and Management*, **2011**, 3, 277	0.2	
69	Dynamic filter weights neural network model integrated with differential evolution for day-ahead price forecasting in energy market. *Expert Systems With Applications*, **2011**, 38, 10974-10982	7.8	11
68	Mining of electricity prices in energy markets using a computationally efficient neural network **2011**,		4
67	A hybrid ant colony optimization technique for power signal pattern classification. *Expert Systems With Applications*, **2011**, 38, 6368-6375	7.8	30
66	Accurate tracking of harmonic signals in VSC-HVDC systems using PSO based unscented transformation. *International Journal of Electrical Power and Energy Systems*, **2011**, 33, 1315-1325	5.1	11
65	Input-Output Linearization and Robust Sliding-Mode Controller for the VSC-HVDC Transmission Link. *IEEE Transactions on Power Delivery*, **2010**, 25, 1952-1961	4.3	69
64	Non-linear Control of Parallel AC Voltage Source Converter High-Voltage DC System Using a Hybrid Input-output Linearization Evolutionary Fuzzy Controller. *Electric Power Components and Systems*, **2010**, 38, 881-899	1	6
63	Adaptive complex unscented Kalman filter for frequency estimation of time-varying signals. *IET Science, Measurement and Technology*, **2010**, 4, 93-103	1.5	24
62	Power quality time series data mining using S-transform and fuzzy expert system. *Applied Soft Computing Journal*, **2010**, 10, 945-955	7.5	78
61	Hybrid Particle Swarm Optimization and Unscented Filtering Technique for Estimation of Non-stationary Signal Parameters. *IETE Journal of Research*, **2009**, 55, 266	0.9	5
60	Fast Tracking of Power Quality Disturbance Signals Using an Optimized Unscented Filter. *IEEE Transactions on Instrumentation and Measurement*, **2009**, 58, 3943-3952	5.2	46

59	Hybrid signal processing and machine intelligence techniques for detection, quantification and classification of power quality disturbances. *Engineering Applications of Artificial Intelligence*, **2009**, 22, 442-454	7.2	43
58	Power Quality Disturbance Classification Using Fuzzy C-Means Algorithm and Adaptive Particle Swarm Optimization. *IEEE Transactions on Industrial Electronics*, **2009**, 56, 212-220	8.9	178
57	Non-stationary power signal classification using local linear radial basis function neural networks. *International Journal of Knowledge-Based and Intelligent Engineering Systems*, **2009**, 13, 79-90	0.5	2
56	Reduced polynomial neural swarm net for classification task in data mining **2008**,		3
55	Function based hybrid-fuzzy genetic controller for VSI based STATCOM. *International Journal of Knowledge-Based and Intelligent Engineering Systems*, **2007**, 11, 139-156	0.5	1
54	A novel distance protection scheme using time-frequency analysis and pattern recognition approach. *International Journal of Electrical Power and Energy Systems*, **2007**, 29, 129-137	5.1	20
53	Mining for similarities in time series data using wavelet-based feature vectors and neural networks. *Engineering Applications of Artificial Intelligence*, **2007**, 20, 185-201	7.2	35
52	Time–Frequency transform approach for protection of parallel transmission lines. *IET Generation, Transmission and Distribution*, **2007**, 1, 30	2.5	36
51	Stock market prediction of S&P 500 and DJIA using Bacterial Foraging Optimization Technique **2007**,		17
50	Fault classification and location using HS-transform and radial basis function neural network. *Electric Power Systems Research*, **2006**, 76, 897-905	3.5	73
49	VSC Based HVDC System for Passive Network with Fuzzy Controller **2006**,		8
48	Fault Classification and Ground detection using Support Vector Machine **2006**,		7
47	Hybrid S-transform and Kalman filtering approach for detection and measurement of short duration disturbances in power networks. *IEEE Transactions on Instrumentation and Measurement*, **2004**, 53, 588-596	5.2	78
46	Design of a nonlinear variable-gain fuzzy controller for FACTS devices. *IEEE Transactions on Control Systems Technology*, **2004**, 12, 428-438	4.8	32
45	Multiresolution S-transform-based fuzzy recognition system for power quality events. *IEEE Transactions on Power Delivery*, **2004**, 19, 323-330	4.3	163
44	Power quality analysis using S-transform. *IEEE Transactions on Power Delivery*, **2003**, 18, 406-411	4.3	264
43	Power quality disturbance data compression, detection, and classification using integrated spline wavelet and S-transform. *IEEE Transactions on Power Delivery*, **2003**, 18, 595-600	4.3	79
42	S-transform-based intelligent system for classification of power quality disturbance signals. *IEEE Transactions on Industrial Electronics*, **2003**, 50, 800-805	8.9	131

41	A Novel Filtering Scheme for Impulse Noise Cancellation. *IETE Journal of Research*, **2002**, 48, 163-170	0.9	1
40	Data compression of power quality events using the slantlet transform. *IEEE Transactions on Power Delivery*, **2002**, 17, 662-667	4.3	35
39	Application of minimal radial basis function neural network to distance protection. *IEEE Transactions on Power Delivery*, **2001**, 16, 68-74	4.3	60
38	An extended complex Kalman filter for frequency measurement of distorted signals. *IEEE Transactions on Instrumentation and Measurement*, **2000**, 49, 746-753	5.2	103
37	Electronic Money: An Essence of E-Commerce. *IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)*, **2000**, 17, 203-207	1.5	
36	Adaptive relay setting for flexible AC transmission systems (FACTS). *IEEE Transactions on Power Delivery*, **2000**, 15, 38-43	4.3	99
35	A novel fuzzy neural network based distance relaying scheme. *IEEE Transactions on Power Delivery*, **2000**, 15, 902-907	4.3	74
34	A radial basis function neural network controller for UPFC. *IEEE Transactions on Power Systems*, **2000**, 15, 1293-1299	7	79
33	Classification of power system disturbances using a fuzzy expert system and a Fourier linear combiner. *IEEE Transactions on Power Delivery*, **2000**, 15, 472-477	4.3	99
32	Damping multimodal power system oscillation using a hybrid fuzzy controller for series connected FACTS devices. *IEEE Transactions on Power Systems*, **2000**, 15, 1360-1366	7	51
31	Frequency estimation of distorted power system signals using extended complex Kalman filter. *IEEE Transactions on Power Delivery*, **1999**, 14, 761-766	4.3	173
30	A real-time short-term load forecasting system using functional link network. *IEEE Transactions on Power Systems*, **1997**, 12, 675-680	7	39
29	An adaptive linear combiner for on-line tracking of power system harmonics. *IEEE Transactions on Power Systems*, **1996**, 11, 1730-1735	7	128
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