

Pradipta Dash

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202
papers

5,362
citations

41
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67
g-index

217
ext. papers

6,754
ext. citations

4.5
avg, IF

6.55
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 202 | Power quality analysis using S-transform. <i>IEEE Transactions on Power Delivery</i> , 2003 , 18, 406-411 | 4.3 | 264 |
| 201 | Power Quality Disturbance Classification Using Fuzzy C-Means Algorithm and Adaptive Particle Swarm Optimization. <i>IEEE Transactions on Industrial Electronics</i> , 2009 , 56, 212-220 | 8.9 | 178 |
| 200 | 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 |
| 199 | Multiresolution S-transform-based fuzzy recognition system for power quality events. <i>IEEE Transactions on Power Delivery</i> , 2004 , 19, 323-330 | 4.3 | 163 |
| 198 | S-transform-based intelligent system for classification of power quality disturbance signals. <i>IEEE Transactions on Industrial Electronics</i> , 2003 , 50, 800-805 | 8.9 | 131 |
| 197 | An adaptive linear combiner for on-line tracking of power system harmonics. <i>IEEE Transactions on Power Systems</i> , 1996 , 11, 1730-1735 | 7 | 128 |
| 196 | An improved cuckoo search based extreme learning machine for medical data classification. <i>Swarm and Evolutionary Computation</i> , 2015 , 24, 25-49 | 9.8 | 120 |
| 195 | Fault Detection and Location of Photovoltaic Based DC Microgrid Using Differential Protection Strategy. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 4303-4312 | 10.7 | 118 |
| 194 | Measurement and Classification of Simultaneous Power Signal Patterns With an S-Transform Variant and Fuzzy Decision Tree. <i>IEEE Transactions on Industrial Informatics</i> , 2013 , 9, 1819-1827 | 11.9 | 104 |
| 193 | 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 |
| 192 | Detection and characterization of multiple power quality disturbances with a fast S-transform and decision tree based classifier 2013 , 23, 1071-1083 | | 100 |
| 191 | Adaptive relay setting for flexible AC transmission systems (FACTS). <i>IEEE Transactions on Power Delivery</i> , 2000 , 15, 38-43 | 4.3 | 99 |
| 190 | Classification of power system disturbances using a fuzzy expert system and a Fourier linear combiner. <i>IEEE Transactions on Power Delivery</i> , 2000 , 15, 472-477 | 4.3 | 99 |
| 189 | Short-term wind speed and wind power prediction using hybrid empirical mode decomposition and kernel ridge regression. <i>Applied Soft Computing Journal</i> , 2018 , 70, 1167-1188 | 7.5 | 91 |
| 188 | A hybrid stock trading framework integrating technical analysis with machine learning techniques. <i>Journal of Finance and Data Science</i> , 2016 , 2, 42-57 | 2 | 83 |
| 187 | A PSO based integrated functional link net and interval type-2 fuzzy logic system for predicting stock market indices. <i>Applied Soft Computing Journal</i> , 2012 , 12, 931-941 | 7.5 | 82 |
| 186 | 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 |

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|-----|---|-----|----|
| 185 | A radial basis function neural network controller for UPFC. <i>IEEE Transactions on Power Systems</i> , 2000 , 15, 1293-1299 | 7 | 79 |
| 184 | Power quality time series data mining using S-transform and fuzzy expert system. <i>Applied Soft Computing Journal</i> , 2010 , 10, 945-955 | 7.5 | 78 |
| 183 | Hybrid S-transform and Kalman filtering approach for detection and measurement of short duration disturbances in power networks. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2004 , 53, 588-596 | 5.2 | 78 |
| 182 | Microarray medical data classification using kernel ridge regression and modified cat swarm optimization based gene selection system. <i>Swarm and Evolutionary Computation</i> , 2016 , 28, 144-160 | 9.8 | 78 |
| 181 | A novel fuzzy neural network based distance relaying scheme. <i>IEEE Transactions on Power Delivery</i> , 2000 , 15, 902-907 | 4.3 | 74 |
| 180 | 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 |
| 179 | Input-Output Linearization and Robust Sliding-Mode Controller for the VSC-HVDC Transmission Link. <i>IEEE Transactions on Power Delivery</i> , 2010 , 25, 1952-1961 | 4.3 | 69 |
| 178 | Automatic Power Quality Events Recognition Based on Hilbert Huang Transform and Weighted Bidirectional Extreme Learning Machine. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3849-3858 ^{11.9} | | 67 |
| 177 | A New Real-Time Fast Discrete S-Transform for Cross-Differential Protection of Shunt-Compensated Power Systems. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 402-410 | 4.3 | 67 |
| 176 | Prediction interval forecasting of wind speed and wind power using modes decomposition based low rank multi-kernel ridge regression. <i>Renewable Energy</i> , 2018 , 129, 357-383 | 8.1 | 65 |
| 175 | A self adaptive differential harmony search based optimized extreme learning machine for financial time series prediction. <i>Swarm and Evolutionary Computation</i> , 2014 , 19, 25-42 | 9.8 | 64 |
| 174 | A hybrid evolutionary dynamic neural network for stock market trend analysis and prediction using unscented Kalman filter. <i>Applied Soft Computing Journal</i> , 2014 , 19, 41-56 | 7.5 | 63 |
| 173 | A multi-objective wind speed and wind power prediction interval forecasting using variational modes decomposition based Multi-kernel robust ridge regression. <i>Renewable Energy</i> , 2019 , 136, 701-731 ^{8.1} | | 61 |
| 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 | Differential current-based fault protection with adaptive threshold for multiple PV-based DC microgrid. <i>IET Renewable Power Generation</i> , 2017 , 11, 778-790 | 2.9 | 54 |
| 170 | Estimation of power quality indices in distributed generation systems during power islanding conditions. <i>International Journal of Electrical Power and Energy Systems</i> , 2012 , 36, 18-30 | 5.1 | 54 |
| 169 | A hybrid time-frequency approach based fuzzy logic system for power island detection in grid connected distributed generation. <i>International Journal of Electrical Power and Energy Systems</i> , 2012 , 42, 453-464 | 5.1 | 53 |
| 168 | Short term wind power forecasting using hybrid variational mode decomposition and multi-kernel regularized pseudo inverse neural network. <i>Renewable Energy</i> , 2018 , 118, 180-212 | 8.1 | 53 |

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|-----|---|------|----|
| 167 | 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 |
| 166 | Hybrid Variational Mode Decomposition and evolutionary robust kernel extreme learning machine for stock price and movement prediction on daily basis. <i>Applied Soft Computing Journal</i> , 2019 , 74, 652-678 | 7.5 | 51 |
| 165 | A Fast Recursive Algorithm for the Estimation of Frequency, Amplitude, and Phase of Noisy Sinusoid. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 4847-4856 | 8.9 | 48 |
| 164 | Probabilistic Neural Network Based Islanding Detection in Distributed Generation. <i>Electric Power Components and Systems</i> , 2011 , 39, 191-203 | 1 | 46 |
| 163 | Fast Tracking of Power Quality Disturbance Signals Using an Optimized Unscented Filter. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2009 , 58, 3943-3952 | 5.2 | 46 |
| 162 | Hybrid signal processing and machine intelligence techniques for detection, quantification and classification of power quality disturbances. <i>Engineering Applications of Artificial Intelligence</i> , 2009 , 22, 442-454 | 7.2 | 43 |
| 161 | Classification of power quality data using decision tree and chemotactic differential evolution based fuzzy clustering. <i>Swarm and Evolutionary Computation</i> , 2012 , 4, 12-24 | 9.8 | 41 |
| 160 | Variational mode decomposition based low rank robust kernel extreme learning machine for solar irradiation forecasting. <i>Energy Conversion and Management</i> , 2018 , 171, 787-806 | 10.6 | 41 |
| 159 | A real-time short-term load forecasting system using functional link network. <i>IEEE Transactions on Power Systems</i> , 1997 , 12, 675-680 | 7 | 39 |
| 158 | Efficient stock price prediction using a Self Evolving Recurrent Neuro-Fuzzy Inference System optimized through a Modified Differential Harmony Search Technique. <i>Expert Systems With Applications</i> , 2016 , 52, 75-90 | 7.8 | 36 |
| 157 | Time-frequency transform approach for protection of parallel transmission lines. <i>IET Generation, Transmission and Distribution</i> , 2007 , 1, 30 | 2.5 | 36 |
| 156 | FPGA-Based Online Power Quality Disturbances Monitoring Using Reduced-Sample HHT and Class-Specific Weighted RVFLN. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4614-4623 | 11.9 | 36 |
| 155 | Stability improvement of PV-BESS diesel generator-based microgrid with a new modified harmony search-based hybrid firefly algorithm. <i>IET Renewable Power Generation</i> , 2017 , 11, 566-577 | 2.9 | 35 |
| 154 | Modes decomposition method in fusion with robust random vector functional link network for crude oil price forecasting. <i>Applied Soft Computing Journal</i> , 2019 , 80, 475-493 | 7.5 | 35 |
| 153 | Mining for similarities in time series data using wavelet-based feature vectors and neural networks. <i>Engineering Applications of Artificial Intelligence</i> , 2007 , 20, 185-201 | 7.2 | 35 |
| 152 | Data compression of power quality events using the slantlet transform. <i>IEEE Transactions on Power Delivery</i> , 2002 , 17, 662-667 | 4.3 | 35 |
| 151 | Adaptive terminal sliding mode power control of DFIG based wind energy conversion system for stability enhancement. <i>International Transactions on Electrical Energy Systems</i> , 2016 , 26, 750-782 | 2.2 | 35 |
| 150 | Digital protection of power transmission lines in the presence of series connected FACTS devices | | 34 |

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| 149 | Forecasting financial time series using a low complexity recurrent neural network and evolutionary learning approach. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2017 , 29, 536-552 | 2.5 | 32 |
| 148 | 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. <i>IET Renewable Power Generation</i> , 2016 , 10, 598-610 | 2.9 | 32 |
| 147 | Design of a nonlinear variable-gain fuzzy controller for FACTS devices. <i>IEEE Transactions on Control Systems Technology</i> , 2004 , 12, 428-438 | 4.8 | 32 |
| 146 | NARX model based nonlinear dynamic system identification using low complexity neural networks and robust H _∞ filter. <i>Applied Soft Computing Journal</i> , 2013 , 13, 3324-3334 | 7.5 | 31 |
| 145 | Harmonic Profile Injection-Based Hybrid Active Islanding Detection Technique for PV-VSC-Based Microgrid System. <i>IEEE Transactions on Sustainable Energy</i> , 2016 , 7, 1473-1481 | 8.2 | 31 |
| 144 | A hybrid ant colony optimization technique for power signal pattern classification. <i>Expert Systems With Applications</i> , 2011 , 38, 6368-6375 | 7.8 | 30 |
| 143 | Variational mode decomposition and weighted online sequential extreme learning machine for power quality event patterns recognition. <i>Neurocomputing</i> , 2018 , 310, 10-27 | 5.4 | 29 |
| 142 | Distance protection of shunt compensated transmission line using a sparse S-transform. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 1264-1274 | 2.5 | 27 |
| 141 | A new fast discrete S-transform and decision tree for the classification and monitoring of power quality disturbance waveforms. <i>International Transactions on Electrical Energy Systems</i> , 2014 , 24, 1279-1300 | 3.3 | 27 |
| 140 | A new backstepping finite time sliding mode control of grid connected PV system using multivariable dynamic VSC model. <i>International Journal of Electrical Power and Energy Systems</i> , 2016 , 82, 314-330 | 5.1 | 27 |
| 139 | A Gauss-Newton ADALINE for Dynamic Phasor Estimation of Power Signals and Its FPGA Implementation. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018 , 67, 45-56 | 5.2 | 26 |
| 138 | Nonstationary power signal time series data classification using LVQ classifier. <i>Applied Soft Computing Journal</i> , 2014 , 18, 158-166 | 7.5 | 25 |
| 137 | Detection and classification of islanding and power quality disturbances in microgrid using hybrid signal processing and data mining techniques. <i>IET Signal Processing</i> , 2018 , 12, 82-94 | 1.7 | 24 |
| 136 | A Fast Gauss-Newton Algorithm for Islanding Detection in Distributed Generation. <i>IEEE Transactions on Smart Grid</i> , 2012 , 3, 1181-1191 | 10.7 | 24 |
| 135 | Fast recursive Gauss-Newton adaptive filter for the estimation of power system frequency and harmonics in a noisy environment. <i>IET Generation, Transmission and Distribution</i> , 2011 , 5, 1277 | 2.5 | 24 |
| 134 | Adaptive complex unscented Kalman filter for frequency estimation of time-varying signals. <i>IET Science, Measurement and Technology</i> , 2010 , 4, 93-103 | 1.5 | 24 |
| 133 | Digital Protection of Power Transformer Based on Weighted Least Square Algorithm. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1982 , PAS-101, 4204-4210 | | 24 |
| 132 | Local linear wavelet neural network based breast tumor classification using firefly algorithm. <i>Neural Computing and Applications</i> , 2013 , 22, 1591-1598 | 4.8 | 23 |

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| 131 | Local linear wavelet neural network for breast cancer recognition. <i>Neural Computing and Applications</i> , 2013 , 22, 125-131 | 4.8 | 23 |
| 130 | Dynamic phasor and frequency estimation of time-varying power system signals. <i>International Journal of Electrical Power and Energy Systems</i> , 2013 , 44, 971-980 | 5.1 | 23 |
| 129 | A new time-frequency approach for distance protection in parallel transmission lines operating with STATCOM. <i>International Journal of Electrical Power and Energy Systems</i> , 2014 , 61, 606-619 | 5.1 | 22 |
| 128 | Adaptive differential relay coordination for PV DC microgrid using a new kernel based time-frequency transform. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 106, 56-67 | 5.1 | 22 |
| 127 | Adaptive threshold based new active islanding protection scheme for multiple PV based microgrid application. <i>IET Generation, Transmission and Distribution</i> , 2017 , 11, 118-132 | 2.5 | 21 |
| 126 | Short-term prediction of wind power using a hybrid pseudo-inverse Legendre neural network and adaptive firefly algorithm. <i>Neural Computing and Applications</i> , 2019 , 31, 2243-2268 | 4.8 | 21 |
| 125 | A novel distance protection scheme using time-frequency analysis and pattern recognition approach. <i>International Journal of Electrical Power and Energy Systems</i> , 2007 , 29, 129-137 | 5.1 | 20 |
| 124 | Data decomposition based fast reduced kernel extreme learning machine for currency exchange rate forecasting and trend analysis. <i>Expert Systems With Applications</i> , 2018 , 96, 427-449 | 7.8 | 18 |
| 123 | Detection, classification, and location of faults on grid-connected and islanded AC microgrid. <i>International Transactions on Electrical Energy Systems</i> , 2017 , 27, e2431 | 2.2 | 17 |
| 122 | Robust estimation of power quality disturbances using unscented H filter. <i>International Journal of Electrical Power and Energy Systems</i> , 2015 , 73, 438-447 | 5.1 | 17 |
| 121 | Estimation of power system frequency using adaptive notch filters | | 17 |
| 120 | Stock market prediction of S&P 500 and DJIA using Bacterial Foraging Optimization Technique 2007 , | | 17 |
| 119 | Multiclass power quality events classification using variational mode decomposition with fast reduced kernel extreme learning machine-based feature selection. <i>IET Science, Measurement and Technology</i> , 2018 , 12, 106-117 | 1.5 | 16 |
| 118 | Short term wind speed prediction using multiple kernel pseudo inverse neural network. <i>International Journal of Automation and Computing</i> , 2018 , 15, 66-83 | 3.5 | 16 |
| 117 | A fast time-frequency transform based differential relaying scheme for UPFC based double-circuit transmission line. <i>International Journal of Electrical Power and Energy Systems</i> , 2016 , 77, 404-417 | 5.1 | 15 |
| 116 | Detection and Classification of Islanding and Nonislanding Events in Distributed Generation Based on Fuzzy Decision Tree. <i>Journal of Control, Automation and Electrical Systems</i> , 2014 , 25, 699-719 | 1.5 | 15 |
| 115 | Performance analysis of a new fast negative sequence power injection oriented islanding detection technique for photovoltaic based voltage source converter based micro grid operation. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 2079-2090 | 2.5 | 15 |
| 114 | A quadratic polynomial signal model and fuzzy adaptive filter for frequency and parameter estimation of nonstationary power signals. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016 , 87, 274-293 | 4.6 | 15 |

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| 113 | Sparse S-transform for location of faults on transmission lines operating with unified power flow controller. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 2108-2116 | 2.5 | 14 |
| 112 | A Finite Time Fast Terminal Sliding Mode \mathcal{H}_∞ Control of Grid-Connected PV Array. <i>Journal of Control, Automation and Electrical Systems</i> , 2015 , 26, 314-335 | 1.5 | 14 |
| 111 | Prediction of Financial Time Series Data using Hybrid Evolutionary Legendre Neural Network. <i>International Journal of Applied Evolutionary Computation</i> , 2016 , 7, 16-32 | 0.6 | 14 |
| 110 | Estimation of time varying signal parameters using an improved Adaline learning algorithm. <i>AEU - International Journal of Electronics and Communications</i> , 2014 , 68, 115-129 | 2.8 | 13 |
| 109 | An evolutionary online sequential extreme learning machine for maximum power point tracking and control in multi-photovoltaic microgrid system. <i>Renewable Energy Focus</i> , 2017 , 21, 33-53 | 5.4 | 12 |
| 108 | Intelligent system based on local linear wavelet neural network and recursive least square approach for breast cancer classification. <i>Artificial Intelligence Review</i> , 2013 , 39, 151-163 | 9.7 | 12 |
| 107 | A new robust kernel ridge regression classifier for islanding and power quality disturbances in a multi distributed generation based microgrid. <i>Renewable Energy Focus</i> , 2019 , 28, 78-99 | 5.4 | 12 |
| 106 | Comparison of modified teaching-learning-based optimization and extreme learning machine for classification of multiple power signal disturbances. <i>Neural Computing and Applications</i> , 2016 , 27, 2107-2122 | 4.8 | 11 |
| 105 | Impact of wind farms on disturbance detection and classification in distributed generation using modified Adaline network and an adaptive neuro-fuzzy information system. <i>Applied Soft Computing Journal</i> , 2015 , 30, 549-566 | 7.5 | 11 |
| 104 | Adaptive backstepping sliding mode control of a grid interactive PV-VSC system with LCL filter. <i>Sustainable Energy, Grids and Networks</i> , 2016 , 6, 109-124 | 3.6 | 11 |
| 103 | Dynamic filter weights neural network model integrated with differential evolution for day-ahead price forecasting in energy market. <i>Expert Systems With Applications</i> , 2011 , 38, 10974-10982 | 7.8 | 11 |
| 102 | Accurate tracking of harmonic signals in VSC-HVDC systems using PSO based unscented transformation. <i>International Journal of Electrical Power and Energy Systems</i> , 2011 , 33, 1315-1325 | 5.1 | 11 |
| 101 | A new hybrid firefly optimized P-Q and V-f controller coordination for PV-DG based microgrid stabilization. <i>International Transactions on Electrical Energy Systems</i> , 2018 , 28, e2568 | 2.2 | 11 |
| 100 | Effective fault diagnosis and distance calculation for photovoltaic-based DC microgrid using adaptive EWT and kernel random vector functional link network. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 690-703 | 2.5 | 10 |
| 99 | A hybrid functional link dynamic neural network and evolutionary unscented Kalman filter for short-term electricity price forecasting. <i>Neural Computing and Applications</i> , 2016 , 27, 2123-2140 | 4.8 | 10 |
| 98 | Field programmable gate array implementation of fuzzy variable step size adaptive linear element for adaptive frequency estimation. <i>IET Signal Processing</i> , 2017 , 11, 1083-1094 | 1.7 | 10 |
| 97 | A firefly optimized fast extreme learning machine based maximum power point tracking for stability analysis of microgrid with two stage photovoltaic generation system. <i>Journal of Renewable and Sustainable Energy</i> , 2016 , 8, 025501 | 2.5 | 10 |
| 96 | A new Exponentially Expanded Robust Random Vector Functional Link Network based MPPT model for Local Energy Management of PV-Battery Energy Storage Integrated Microgrid. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 91, 103633 | 7.2 | 9 |

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|----|--|-----|---|
| 95 | An extended complex Kalman filter for frequency measurement of distorted signals | | 9 |
| 94 | An effective battery management scheme for wind energy systems using multi Kernel Ridge regression algorithm. <i>Journal of Energy Storage</i> , 2019 , 21, 418-434 | 7.8 | 9 |
| 93 | FPGA-Based Deep Convolutional Neural Network of Process Adaptive VMD Data With Online Sequential RVFLN for Power Quality Events Recognition. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 4006-4015 | 7.2 | 9 |
| 92 | VSC Based HVDC System for Passive Network with Fuzzy Controller 2006 , | | 8 |
| 91 | Short term solar power forecasting using hybrid minimum variance expanded RVFLN and Sine-Cosine Levy Flight PSO algorithm. <i>Renewable Energy</i> , 2021 , 174, 513-537 | 8.1 | 8 |
| 90 | Islanding and non-islanding disturbance detection in microgrid using optimized modes decomposition based robust random vector functional link network. <i>Engineering Applications of Artificial Intelligence</i> , 2019 , 85, 122-136 | 7.2 | 7 |
| 89 | Performance validation of battery management system under prediction error for photovoltaic based distribution system. <i>IET Renewable Power Generation</i> , 2018 , 12, 702-717 | 2.9 | 7 |
| 88 | Forecasting foreign exchange rates using hybrid functional link RBF neural network and Levenberg-Marquardt learning algorithm. <i>Intelligent Decision Technologies</i> , 2016 , 10, 299-313 | 0.7 | 7 |
| 87 | A signal processing adaptive algorithm for nonstationary power signal parameter estimation. <i>International Journal of Adaptive Control and Signal Processing</i> , 2013 , 27, 166-181 | 2.8 | 7 |
| 86 | Fast frequency and harmonic estimation in power systems using a new optimized adaptive filter. <i>Electrical Engineering</i> , 2013 , 95, 171-184 | 1.5 | 7 |
| 85 | Advanced signal processing techniques for multiclass disturbance detection and classification in microgrids. <i>IET Science, Measurement and Technology</i> , 2017 , 11, 504-515 | 1.5 | 7 |
| 84 | Stock price index movement classification using a CEFLANN with extreme learning machine 2015 , | | 7 |
| 83 | Fault Classification and Ground detection using Support Vector Machine 2006 , | | 7 |
| 82 | Adaptive relay setting for flexible AC transmission systems (FACTS) | | 7 |
| 81 | Short-term mixed electricity demand and price forecasting using adaptive autoregressive moving average and functional link neural network. <i>Journal of Modern Power Systems and Clean Energy</i> , 2019 , 7, 1241-1255 | 4 | 7 |
| 80 | Adaptive Non-Linear Control of UPFC for Stability Enhancement in a Multimachine Power System Operating with a DFIG Based Wind Farm. <i>Asian Journal of Control</i> , 2017 , 19, 1575-1594 | 1.7 | 6 |
| 79 | Multi-kernel-based random vector functional link network with decomposed features for epileptic EEG signal classification. <i>IET Signal Processing</i> , 2020 , 14, 162-174 | 1.7 | 6 |
| 78 | Islanding and power quality disturbance monitoring in microgrid using adaptive cross variational mode decomposition and reduced kernel ridge regression. <i>International Transactions on Electrical Energy Systems</i> , 2020 , 30, e12364 | 2.2 | 6 |

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| 77 | A fast time-frequency response based differential spectral energy protection of AC microgrids including fault location. <i>Protection and Control of Modern Power Systems</i> , 2017 , 2, | 6.7 | 6 |
| 76 | Nonlinear control of voltage source converters in AC-DC power system. <i>ISA Transactions</i> , 2014 , 53, 1268-35 | 3.5 | 6 |
| 75 | A comparative study of radial basis function network with different basis functions for stock trend prediction 2015 , | | 6 |
| 74 | Non-linear Control of Parallel AC Voltage Source Converter High-Voltage DC System Using a Hybrid Input-output Linearization Evolutionary Fuzzy Controller. <i>Electric Power Components and Systems</i> , 2010 , 38, 881-899 | 1 | 6 |
| 73 | Deep Convolutional Stack Autoencoder of Process Adaptive VMD Data With Robust Multikernel RVFLN for Power Quality Events Recognition. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-12 | 5.2 | 6 |
| 72 | Point and Interval Solar Power Forecasting Using Hybrid Empirical Wavelet Transform and Robust Wavelet Kernel Ridge Regression. <i>Natural Resources Research</i> , 2020 , 29, 2813-2841 | 4.9 | 5 |
| 71 | Intelligent energy management in microgrid using prediction errors from uncertain renewable power generation. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 1552-1565 | 2.5 | 5 |
| 70 | Evolutionary extreme learning machine for energy price forecasting. <i>International Journal of Knowledge-Based and Intelligent Engineering Systems</i> , 2016 , 20, 75-96 | 0.5 | 5 |
| 69 | A mutated hybrid firefly approach to mitigate dynamic oscillations of second order PLL based PV-battery system for microgrid applications. <i>Sustainable Energy Technologies and Assessments</i> , 2016 , 16, 69-83 | 4.7 | 5 |
| 68 | Financial time series prediction using a hybrid functional link fuzzy neural network trained by adaptive unscented kalman filter 2015 , | | 5 |
| 67 | Hybrid Particle Swarm Optimization and Unscented Filtering Technique for Estimation of Non-stationary Signal Parameters. <i>IETE Journal of Research</i> , 2009 , 55, 266 | 0.9 | 5 |
| 66 | Computation of power quality symmetrical components using fuzzy logic based linear combiners | | 5 |
| 65 | Automatic Power Quality Events Recognition Using Modes Decomposition Based Online P-Norm Adaptive Extreme Learning Machine. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4355-4364 | 11.9 | 5 |
| 64 | Real-time Energy Management for PV Battery Wind based microgrid using on-line sequential Kernel Based Robust Random Vector Functional Link Network. <i>Applied Soft Computing Journal</i> , 2021 , 101, 107059 | 7.5 | 5 |
| 63 | Multifuse multilayer multikernel RVFLN+ of process modes decomposition and approximate entropy data from iEEG/sEEG signals for epileptic seizure recognition. <i>Computers in Biology and Medicine</i> , 2021 , 132, 104299 | 7 | 5 |
| 62 | FPGA implementation of adaptive p-norm filter for non-stationary power signal parameter estimation. <i>IET Science, Measurement and Technology</i> , 2020 , 14, 206-219 | 1.5 | 4 |
| 61 | A fast hybrid adaptive filter for parameter estimation of non stationary sinusoid under noise 2015 , | | 4 |
| 60 | Mining of electricity prices in energy markets using a computationally efficient neural network 2011 , | | 4 |

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|----|--|------|---|
| 59 | Genetic optimization of a self organizing fuzzy-neural network for load forecasting | | 4 |
| 58 | Power quality assessment using an adaptive neural network | | 4 |
| 57 | Design of a Fuzzy PI Controller for Power System Applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 1995 , 3, 155-163 | 1.6 | 4 |
| 56 | Epileptic Seizure Recognition Using Reduced Deep Convolutional Stack Autoencoder and Improved Kernel RVFLN From EEG Signals. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2021 , 15, 595-605 | 5.1 | 4 |
| 55 | A new Taylor-LMS adaptive filter for parameter estimation of power signals including distributed generation systems. <i>Australian Journal of Electrical and Electronics Engineering</i> , 2016 , 13, 174-194 | 0.6 | 4 |
| 54 | Fault analysis in photovoltaic generation based DC microgrid using multifractal detrended fluctuation analysis. <i>International Transactions on Electrical Energy Systems</i> , 2021 , 31, | 2.2 | 4 |
| 53 | A morphological filter based disturbance detection and classification technique for DFIG wind farm based microgrid 2015 , | | 3 |
| 52 | Reduced polynomial neural swarm net for classification task in data mining 2008 , | | 3 |
| 51 | Transmission Line Fault Detection Using Time-Frequency Analysis | | 3 |
| 50 | Gain scheduling adaptive control strategies for HVDC systems using fuzzy logic | | 3 |
| 49 | New Algorithms for Computer Relaying for Power Transmission Lines. <i>Electric Power Components and Systems</i> , 1988 , 14, 163-178 | | 3 |
| 48 | Multiple power quality disturbances analysis in photovoltaic integrated direct current microgrid using adaptive morphological filter with deep learning algorithm. <i>Applied Energy</i> , 2022 , 309, 118454 | 10.7 | 3 |
| 47 | Finite-time sliding mode power control of grid-connected three-phase photovoltaic array. <i>Australian Journal of Electrical and Electronics Engineering</i> , 2015 , 12, 301-311 | 0.6 | 2 |
| 46 | A new cross-differential protection scheme for parallel transmission lines including UPFC 2016 , | | 2 |
| 45 | Hilbert Huang transform with fuzzy rules for feature selection and classification of power quality disturbances 2017 , | | 2 |
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