Joe-Air Jiang

List of Publications by Year
in descending order

162 papers	3,548 citations	136950 32 h-index	161849 54 g-index
162 all docs	162 docs citations	162 times ranked	3435 citing authors

#	Article	IF	Citations
1	An Approach to Recover Energy From Discarded Primary Batteries Before Being Disassembled. IEEE Transactions on Industrial Electronics, 2022, 69, 6247-6257.	7.9	3
2	On Real-Time Detection of Line Sags in Overhead Power Grids Using an IoT-Based Monitoring System: Theoretical Basis, System Implementation, and Long-Term Field Verification. IEEE Internet of Things Journal, 2022, 9, 13096-13112.	8.7	10
3	An adaptive packets hopping mechanism for transmission line monitoring systems with a long chain topology. International Journal of Electrical Power and Energy Systems, 2021, 124, 106394.	5.5	9
4	An Alternative Body Temperature Measurement Solution: Combination of a Highly Accurate Monitoring System and a Visualized Public Health Cloud Platform. IEEE Internet of Things Journal, 2021, 8, 5778-5793.	8.7	6
5	Effect of Weighting Strategies on Taguchi-Based Optimization of the Four-Stage Constant Current Charge Pattern. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 2704-2714.	4.7	5
6	Lie symmetry analysis of the effects of urban infrastructures on residential property values. PLoS ONE, 2021, 16, e0255233.	2.5	3
7	Real-time monitoring of deformed wing virus-infected bee foraging behavior following histone deacetylase inhibitor treatment. IScience, 2021, 24, 103056.	4.1	1
8	Mobile Measurement of Particulate Matter Concentrations on Urban Streets: System Development and Field Verification. IEEE Access, 2020, 8, 197617-197629.	4.2	4
9	Internet of Things-Based Monitoring for HV Transmission Lines: Dynamic Thermal Rating Analysis with Microclimate Variables. , 2020, , .		3
10	A Novel Sensor Placement Strategy for an IoT-Based Power Grid Monitoring System. IEEE Internet of Things Journal, 2020, 7, 7773-7782.	8.7	29
11	Ultra-Short-Term Wind Speed Forecasting for Wind Power Based on Gated Recurrent Unit. , 2020, , .		8
12	Cycle Life Study of Li-Ion Batteries With an Aging-Level-Based Charging Method. IEEE Transactions on Energy Conversion, 2020, 35, 1475-1484.	5.2	14
13	An intelligent control strategy for energy storage systems in solar power generation based on long-short-term power prediction. , 2020, , .		3
14	An IoT-based Temperature Monitoring System for Underground Cable Tunnels. , 2019, , .		5
15	Intensive measures of luminescence in GaN/InGaN heterostructures. PLoS ONE, 2019, 14, e0222928.	2.5	3
16	Taguchi-based PSO for searching an optimal four-stage charge pattern of Li-ion batteries. Journal of Energy Storage, 2019, 21, 301-309.	8.1	35
17	A Location-Based Client-Server Framework for Assessing Personal Exposure to the Transmission Risks of Contagious Diseases. Human Dynamics in Smart Cities, 2018, , 133-148.	0.2	4
18	Toward a higher yield: a wireless sensor network-based temperature monitoring and fan-circulating system for precision cultivation in plant factories. Precision Agriculture, 2018, 19, 929-956.	6.0	15

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19	On Dispatching Line Ampacities of Power Grids Using Weather-Based Conductor Temperature Forecasts. IEEE Transactions on Smart Grid, 2018, 9, 406-415.	9.0	28
20	A Novel Weather Information-Based Optimization Algorithm for Thermal Sensor Placement in Smart Grid. IEEE Transactions on Smart Grid, 2018, 9, 911-922.	9.0	16
21	On enhancing energy harvesting performance of the photovoltaic modules using an automatic cooling system and assessing its economic benefits of mitigating greenhouse effects on the environment. Journal of Power Sources, 2018, 376, 55-65.	7.8	18
22	Robust Wireless Sensor Networks for Transmission Line Monitoring in Taiwan. , 2018, , .		6
23	An Interval Type-2 Fuzzy Logic System for Stock Index Forecasting Based on Fuzzy Time Series and a Fuzzy Logical Relationship Map. IEEE Access, 2018, 6, 69107-69119.	4.2	25
24	Urban Area PM<inf>2.5</inf> Prediction with Machine Methods: An On-Board Monitoring System. , 2018, , .		2
25	A LoRa-Based Optimal Path Routing Algorithm for Smart Grid. , 2018, , .		5
26	Impact Assessment of Various Wind Speeds on Dynamic Thermal Rating of the Terrain-Located EHV Power Grids: A Case of Valley in Taiwan. IEEE Access, 2018, 6, 48311-48323.	4.2	4
27	Implementation of an SOC-based four-stage constant current charger for Li-ion batteries. Journal of Energy Storage, 2018, 18, 528-537.	8.1	38
28	Comprehensive assessment of the long-term energy harvest capabilities for PV systems with different tilt angles: Case study in Taiwan. Renewable and Sustainable Energy Reviews, 2018, 97, 74-89.	16.4	4
29	Investigation of the thermal photocarrier interaction–recombination in ZnO nanostructures fabricated by the hydrothermal method. Journal of Luminescence, 2017, 190, 136-140.	3.1	5
30	On precisely relating the growth of Phalaenopsis leaves to greenhouse environmental factors by using an IoT-based monitoring system. Computers and Electronics in Agriculture, 2017, 136, 125-139.	7.7	86
31	Cost-Efficient Placement of Communication Connections for Transmission Line Monitoring. IEEE Transactions on Industrial Electronics, 2017, 64, 4058-4067.	7.9	29
32	A Novel Transmission Line Safety Monitoring System for Smart Grid. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 35-45.	0.3	3
33	On a hybrid MPPT control scheme to improve energy harvesting performance of traditional two-stage inverters used in photovoltaic systems. Renewable and Sustainable Energy Reviews, 2017, 69, 1113-1128.	16.4	18
34	Integration of an automatic agricultural and livestock production management system and an agriculture and food traceability system based on the Internet of Things technology. , 2017, , .		2
35	A Multichannel Calorimetric Simultaneous Assay Platform Using a Microampere Constant-Current Looped Enthalpy Sensor Array. Sensors, 2017, 17, 292.	3.8	2
36	A WSN-based automatic monitoring system for the foraging behavior of honey bees and environmental factors of beehives. Computers and Electronics in Agriculture, 2016, 123, 304-318.	7.7	35

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37	A wireless sensor network-based monitoring system with dynamic convergecast tree algorithm for precision cultivation management in orchid greenhouses. Precision Agriculture, 2016, 17, 766-785.	6.0	41
38	Magnetic Sensing through the Abdomen of the Honey bee. Scientific Reports, 2016, 6, 23657.	3.3	40
39	A novel embedded system-based backbone communication network for smart grid. , 2015, , .		3
40	An automatic switch for power consumption reduction based on the technology of Internet of Things. , 2015, , .		0
41	Image repainted method of overlapped leaves for orchid leaf area estimation. , 2015, , .		0
42	A seismic assessment algorithm for smart grid safety monitoring. , 2015, , .		1
43	Assessment of Energy Savings With Variable Speed Drives in Ship's Cooling Pumps. IEEE Transactions on Energy Conversion, 2015, 30, 1288-1298.	5.2	3
44	Mosquito vector monitoring system based on optical wingbeat classification. Computers and Electronics in Agriculture, 2015, 118, 47-55.	7.7	34
45	Toward multiple maximum power point estimation of photovoltaic systems based on semiconductor theory. Progress in Photovoltaics: Research and Applications, 2015, 23, 847-861.	8.1	4
46	A Hybrid Memetic Framework for Coverage Optimization in Wireless Sensor Networks. IEEE Transactions on Cybernetics, 2015, 45, 2309-2322.	9.5	74
47	Efficient Coverage and Connectivity Preservation With Load Balance for Wireless Sensor Networks. IEEE Sensors Journal, 2015, 15, 48-62.	4.7	68
48	Sensors and Sensor Networks in Agriculture, Architecture, and Civil Engineering. International Journal of Distributed Sensor Networks, 2015, 11, 839167.	2.2	0
49	ICT-based Remote Agro-Ecological Monitoring System A Case Study inTaiwan. Journal of Communication Navigation Sensing and Services (CONASENSE), 2014, 1, 67-92.	0.2	2
50	A novel analytical model for determining the maximum power point of thin film photovoltaic module. Progress in Photovoltaics: Research and Applications, 2014, 22, 318-331.	8.1	6
51	On application of a new hybrid maximum power point tracking (MPPT) based photovoltaic system to the closed plant factory. Applied Energy, 2014, 124, 309-324.	10.1	44
52	Therapeutic Outcomes of Low-Level Laser Therapy for Closed Bone Fracture in the Human Wrist and Hand. Photomedicine and Laser Surgery, 2014, 32, 212-218.	2.0	41
53	Toward anticipating pest responses to fruit farms: Revealing factors influencing the population dynamics of the Oriental Fruit Fly via automatic field monitoring. Computers and Electronics in Agriculture, 2014, 109, 148-161.	7.7	21
54	Performance measurement in wireless sensor networks using time-frequency analysis and neural networks. , 2014, , .		8

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55	Colonoscopy with magnetic control system to navigate the forepart of colonoscope shortens the cecal intubation time. Surgical Endoscopy and Other Interventional Techniques, 2014, 28, 2480-2483.	2.4	0
56	On evaluating the effects of the incident angle on the energy harvesting performance and MPP estimation of PV modules. International Journal of Energy Research, 2014, 38, 1304-1317.	4.5	10
57	A novel power benefit prediction approach for two-axis sun-tracking type photovoltaic systems based on semiconductor theory. Progress in Photovoltaics: Research and Applications, 2014, 22, 885-902.	8.1	3
58	Application of a web-based remote agro-ecological monitoring system for observing spatial distribution and dynamics of Bactrocera dorsalis in fruit orchards. Precision Agriculture, 2013, 14, 323-342.	6.0	29
59	Enhancement of exciton radiative recombination for In-doped ZnO nanowires with aluminum cylindrical micropillars. Journal of Luminescence, 2013, 136, 11-16.	3.1	3
60	Employment of 2-D RLL precoder and optical hard-limiter in optical CDMA system. , 2013, , .		0
61	Adaptive coverage-preserving routing protocol for wireless sensor network. , 2013, , .		1
62	Ecological Monitoring Using Wireless Sensor Networks—Overview, Challenges, and Opportunities. Smart Sensors, Measurement and Instrumentation, 2013, , 1-21.	0.6	16
63	A Distributed RSS-Based Localization Using a Dynamic Circle Expanding Mechanism. IEEE Sensors Journal, 2013, 13, 3754-3766.	4.7	67
64	Temperature Map Recovery Based on Compressive Sensing for Large-Scale Wireless Sensor Networks. , 2013, , .		3
65	Determination of critical span in real time using proper orthogonal decomposition. , 2013, , .		3
66	Monitoring Street-Level Spatial-Temporal Variations of Carbon Monoxide in Urban Settings Using a Wireless Sensor Network (WSN) Framework. International Journal of Environmental Research and Public Health, 2013, 10, 6380-6396.	2.6	15
67	Development of an Embedded System-Based Gateway for Environmental Monitoring in Wild Fields. Smart Sensors, Measurement and Instrumentation, 2013, , 23-42.	0.6	3
68	Adaptive Classification of Special Events in Agroecological Monitoring Systems for Pest Management. Smart Sensors, Measurement and Instrumentation, 2013, , 269-296.	0.6	3
69	Effect of Low-Level Laser Stimulation on EEG. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-11.	1.2	16
70	A data retransmitting mechanism for ecological monitoring system. , 2012, , .		1
71	A Probablistic Load-Balancing Convergecast Tree Algorithm for Heterogeneous Wireless Sensor Networks. , 2012, , .		4
72	A self sustainable air quality monitoring system using WSN. , 2012, , .		6

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73	A novel multipoint direct-estimation method for the maximum power point tracking of photovoltaic modules under partially shaded irradiation conditions. , 2012, , .		4
74	High-Precision RSSI-based Indoor Localization Using a Transmission Power Adjustment Strategy for Wireless Sensor Networks. , 2012, , .		23
75	A Novel Dynamic Convergecast Tree Generator for WSN-based Environmental Surveillance of Orchid Plantation. , 2012, , .		3
76	Application of a reliable MAC protocol for the urban air quality monitoring system based on the wireless sensor network. , 2012, , .		5
77	Development of an autonomous early warning system for Bactrocera dorsalis (Hendel) outbreaks in remote fruit orchards. Computers and Electronics in Agriculture, 2012, 88, 1-12.	7.7	26
78	An imaging system for monitoring the in-and-out activity of honey bees. Computers and Electronics in Agriculture, 2012, 89, 100-109.	7.7	54
79	Analysis of the junction temperature and thermal characteristics of photovoltaic modules under various operation conditions. Energy, 2012, 44, 292-301.	8.8	58
80	The effect of junction temperature on the optoelectrical properties of InGaN/GaN multiple quantum well light-emitting diodes. Journal of Luminescence, 2012, 132, 429-433.	3.1	15
81	Magnetic Control System Targeted for Capsule Endoscopic Operations in the Stomachâ€"Design, Fabrication, and in vitro and ex vivo Evaluations. IEEE Transactions on Biomedical Engineering, 2012, 59, 2068-2079.	4.2	86
82	A Brainwave Stimulator with Low Level Laser Array. , 2012, , .		1
83	Design, Implementation, and Testing of an M2M-Based Remote Agroecological Monitoring System for Oriental Fruit Fly, Bactrocera Dorsalis (Hendel). Lecture Notes in Electrical Engineering, 2012, , 33-58.	0.4	2
84	Energy-Efficient Visual Eyes System for Wildlife. , 2011, , .		3
85	A micro gas sensor based on a WO<inf>3</inf> thin film for aromatic hydrocarbon detection. , 2011, , .		0
86	Development of an embedded system-based gateway for environmental monitoring using wireless sensor network technology. , 2011, , .		12
87	A GSM-based Field Monitoring System for Spodoptera litura (Fabricius). Engineering in Agriculture, Environment and Food, 2011, 4, 77-82.	0.5	16
88	Using automated monitoring systems to uncover pest population dynamics in agricultural fields. Agricultural Systems, 2011, 104, 666-670.	6.1	27
89	A Hybrid Framework for Fault Detection, Classification, and Locationâ€"Part I: Concept, Structure, and Methodology. IEEE Transactions on Power Delivery, 2011, 26, 1988-1998.	4.3	108
90	A Hybrid Framework for Fault Detection, Classification, and Locationâ€"Part II: Implementation and Test Results. IEEE Transactions on Power Delivery, 2011, 26, 1999-2008.	4.3	45

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91	Low-level Laser Treatment Relieves Pain and Neurological Symptoms in Patients with Carpal Tunnel Syndrome. Journal of Physical Therapy Science, 2011, 23, 661-665.	0.6	23
92	Development of miniature optical fiber hybrid WDM coupler employing the FBT technology. Optical Fiber Technology, 2011, 17, 568-573.	2.7	1
93	Automatic X-ray quarantine scanner and pest infestation detector for agricultural products. Computers and Electronics in Agriculture, 2011, 77, 41-59.	7.7	25
94	A novel method for the determination of dynamic resistance for photovoltaic modules. Energy, 2011, 36, 5968-5974.	8.8	37
95	Developed urban air quality monitoring system based on wireless sensor networks. , 2011, , .		30
96	High-accuracy maximum power point estimation for photovoltaic arrays. Solar Energy Materials and Solar Cells, 2011, 95, 843-851.	6.2	69
97	Characterization of temperature-dependent carrier transport in disordered indium-tin-oxide/poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate)/polyfluorene/Ca/Al polymer structures. Thin Solid Films, 2011, 519, 4148-4151.	1.8	1
98	A load balancing algorithm based on probabilistic multi-tree for wireless sensor networks. , 2011, , .		6
99	An improved arterial pulsation measurement system based on optical triangulation and its application in the traditional Chinese medicine. Proceedings of SPIE, 2011, , .	0.8	2
100	The application of laser triangulation method on the blind guidance. Proceedings of SPIE, 2011, , .	0.8	1
101	A QoS-Guaranteed Coverage Precedence Routing Algorithm for Wireless Sensor Networks. Sensors, 2011, 11, 3418-3438.	3.8	22
102	An Application of the Wireless Sensor Network Technology for Foehn Monitoring in Real Time. Lecture Notes in Computer Science, 2011, , 12-24.	1.3	2
103	Therapeutic Effects of Low-Level Laser on Lateral Epicondylitis from Differential Interventions of Chinese-Western Medicine: Systematic Review. Photomedicine and Laser Surgery, 2010, 28, 327-336.	2.0	25
104	A coverage-guaranteed algorithm to improve network lifetime of wireless sensor networks. Procedia Engineering, 2010, 5, 192-195.	1.2	15
105	Optical CDMA system using 2-D run-length limited code. Optical Fiber Technology, 2010, 16, 309-314.	2.7	11
106	Collaborative Localization in Wireless Sensor Networks via Pattern Recognition in Radio Irregularity Using Omnidirectional Antennas. Sensors, 2010, 10, 400-427.	3.8	14
107	Assessment of PEM Fuel Cells-Based DC/DC Power Conversion for Applications in AUVs. IEEE Transactions on Aerospace and Electronic Systems, 2010, 46, 1834-1847.	4.7	12
108	A Full- and Half-Cycle DFT-based technique for fault current filtering. , 2010, , .		27

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109	An Adaptive Routing Algorithm Over Packet Switching Networks for Operation Monitoring of Power Transmission Systems. IEEE Transactions on Power Delivery, 2010, 25, 882-890.	4.3	65
110	Time-spreading wavelength-hopping OCDMA systems using parallel detection scheme. , 2010, , .		3
111	A WSN-based wireless monitoring system for intradialytic hypotension of dialysis patients. , 2009, , .		1
112	Application of load-balanced tree routing algorithm with dynamic modification to centralized wireless sensor networks. , 2009, , .		6
113	A novel coverage-preserving algorithm with energy efficiency. , 2009, , .		1
114	Study of Autonomic Nervous Activity of Night Shift Workers Treated with Laser Acupuncture. Photomedicine and Laser Surgery, 2009, 27, 273-279.	2.0	39
115	CoCMA: Energy-Efficient Coverage Control in Cluster-Based Wireless Sensor Networks Using a Memetic Algorithm. Sensors, 2009, 9, 4918-4940.	3.8	21
116	A robust correlation estimator and nonlinear recurrent model to infer genetic interactions in Saccharomyces cerevisiae and pathways of pulmonary disease in Homo sapiens. BioSystems, 2009, 98, 160-175.	2.0	2
117	Trellis ternary line coding scheme for asynchronous optical CDMA systems. Optik, 2009, 120, 765-772.	2.9	1
118	Characterization of the anomalous luminescence properties from self-ordered porous anodic alumina with oxalic acid electrolytes. Thin Solid Films, 2009, 518, 1439-1442.	1.8	15
119	Optical investigations of Berthelot-type properties in quaternary AlInGaN multiple quantum well heterosystems. Journal of Crystal Growth, 2009, 311, 3544-3548.	1.5	0
120	The first order load-balanced algorithm with static fixing scheme for centralized WSN system in outdoor environmental monitoring. , 2009, , .		7
121	An Adaptive mimic filter &#x2014; Based algorithm for the detections of CT saturations. , 2009, , .		2
122	Infer Genetic/Transcriptional Regulatory Networks by Recognition of Microarray Gene Expression Patterns Using Adaptive Neuro-Fuzzy Inference Systems. Studies in Fuzziness and Soft Computing, 2009, , 217-233.	0.8	1
123	Optimal placement of capacitors in distribution systems using an immune multi-objective algorithm. International Journal of Electrical Power and Energy Systems, 2008, 30, 184-192.	5.5	47
124	An adaptive image segmentation algorithm for X-ray quarantine inspection of selected fruits. Computers and Electronics in Agriculture, 2008, 60, 190-200.	7.7	55
125	A GSM-based remote wireless automatic monitoring system for field information: A case study for ecological monitoring of the oriental fruit fly, Bactrocera dorsalis (Hendel). Computers and Electronics in Agriculture, 2008, 62, 243-259.	7.7	90
126	A Universal Fault Location Technique for N-Terminal $({N}\geqq 3)$ Transmission Lines. IEEE Transactions on Power Delivery, 2008, 23, 1366-1373.	4.3	81

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127	A fuzzy logic approach to infer transcriptional regulatory network in saccharomyces cerevisiae using promoter site prediction and gene expression pattern recognition. , 2008, , .		0
128	A RSSI-based environmental-adaptive dynamic radiation power management for Wireless Sensor Networks. , 2008, , .		4
129	Electroluminescence Phenomena in InGaN/GaN Multiple Quantum Well Light-Emitting Diodes with Electron Tunneling Layer. Japanese Journal of Applied Physics, 2008, 47, 7148-7151.	1.5	2
130	Multiple disturbances classifier for electric signals using adaptive structuring neural networks. Measurement Science and Technology, 2008, 19, 075106.	2.6	9
131	Carpal Tunnel Syndrome Treated with a Diode Laser: A Controlled Treatment of the Transverse Carpal Ligament. Photomedicine and Laser Surgery, 2008, 26, 551-557.	2.0	66
132	Applications of the Integrated High-Performance CMOS Image Sensor to Range Finders â€" from Optical Triangulation to the Automotive Field. Sensors, 2008, 8, 1719-1739.	3.8	12
133	GENECFE-ANFIS: A NEURO-FUZZY INFERENCE SYSTEM TO INFER GENE-GENE INTERACTIONS BASED ON RECOGNITION OF MICROARRAY GENE EXPRESSION PATTERNS. Biomedical Engineering - Applications, Basis and Communications, 2007, 19, 71-78.	0.6	4
134	A neuro-fuzzy inference system to infer gene-gene interactions based on recognition of microarray gene expression patterns. , 2007, , .		0
135	A Novel Pulse Measurement System by Using Laser Triangulation and a CMOS Image Sensor. Sensors, 2007, 7, 3366-3385.	3.8	64
136	An Adaptive PMU-based Fault Location Estimation System with a Fault-Tolerance and Load-Balancing Communication Network. , 2007, , .		12
137	Integrated radiation optimization: inspired by the gravitational radiation in the curvature of space-time. , 2007, , .		11
138	An automatic analysis method for detecting and eliminating ECG artifacts in EEG. Computers in Biology and Medicine, 2007, 37, 1660-1671.	7.0	78
139	Robust multiple objects tracking using image segmentation and trajectory estimation scheme in video frames. Image and Vision Computing, 2006, 24, 1123-1136.	4.5	28
140	Feasibility study on application of GSMâ€"SMS technology to field data acquisition. Computers and Electronics in Agriculture, 2006, 53, 45-59.	7.7	65
141	DESIGN AND IMPLEMENTATION OF WIRELESS MULTI-CHANNEL EEG RECORDING SYSTEM AND STUDY OF EEG CLUSTERING METHOD. Biomedical Engineering - Applications, Basis and Communications, 2006, 18, 276-283.	0.6	25
142	AUTOMATED LONG-TERM POLYSOMNOGRAPHY ANALYSIS WITH WAVELET PROCESSING AND ADAPTIVE FUZZY CLUSTERING. Biomedical Engineering - Applications, Basis and Communications, 2006, 18, 119-123.	0.6	0
143	A NEW APPROACH FOR IDENTIFYING SLEEP APNEA SYNDROME USING WAVELET TRANSFORM AND NEURAL NETWORKS. Biomedical Engineering - Applications, Basis and Communications, 2006, 18, 138-143.	0.6	74
144	A Novel Statistical Cut-Strategy for DP-based Multiple Biosequence Alignment. , 2005, , .		0

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145	Closure on "a new protection scheme for fault detection, direction discrimination, classification, and location in transmission lines". IEEE Transactions on Power Delivery, 2003, 18, 653-655.	4.3	5
146	A new PMU-based fault location algorithm for series compensated lines. IEEE Transactions on Power Delivery, 2002, 17, 33-46.	4.3	127
147	A new adaptive PMU based protection scheme for transposed/untransposed parallel transmission lines. IEEE Transactions on Power Delivery, 2002, 17, 395-404.	4.3	120
148	An adaptive PMU based fault detection/location technique for transmission lines. I. Theory and algorithms. IEEE Transactions on Power Delivery, 2000, 15, 486-493.	4.3	297
149	An adaptive PMU based fault detection/location technique for transmission lines. II. PMU implementation and performance evaluation. IEEE Transactions on Power Delivery, 2000, 15, 1136-1146.	4.3	147
150	An adaptive fault locator system for transmission lines. , 0, , .		8
151	A composite index to adaptively perform fault detection, classification, and direction discrimination for transmission lines. , 0, , .		6
152	Three-terminal transmission line protection using synchronized voltage and current phasor measurements. , 0, , .		3
153	Recognition of Multiple PQ Disturbances Using Wavelet-based Neural Networks— Part 2: Implementation and Applications. , 0, , .		5
154	Recognition of Multiple PQ Disturbances Using Dynamic Structure Neural Networks— Part 1: Theoretical Introduction. , 0, , .		6
155	Recognition of Power Quality Events Using Wavelet-based Dynamic Structural Neural Networks. , 0, , .		6
156	A novel statistical cut-strategy for DP-based multiple biosequence alignment. , 0, , .		0
157	A Hybrid of ε-Constraint and Particle Swarm Optimization for Designing of PID Controllers. , 0, , .		0
158	A Novel Optimization Algorithm: Space Gravitational Optimization. , 0, , .		24
159	A Novel Dynamic Structural Neural Network with Nruro-Regeneration and Neuro-Degeneration. , 0, , .		3
160	A Contour based Image Segmentation Algorithm using Morphological Edge Detection. , 0, , .		23
161	Wavelet-Based Processing and Adaptive Fuzzy Clustering For Automated Long-Term Polysomnography Analysis. , 0, , .		2
162	Precisely forecasting population dynamics of agricultural pests based on an interval type-2 fuzzy logic system: case study for oriental fruit flies and the tobacco cutworms. Precision Agriculture, 0, , 1.	6.0	5