Wei-Jen Lee

List of Publications by Year
in descending order

250 papers	5,203 citations	101543 36 h-index	114465 63 g-index
252 all docs	252 docs citations	252 times ranked	4042 citing authors

#	Article	IF	Citations
1	Using Smart Meter Data to Improve the Accuracy of Intraday Load Forecasting Considering Customer Behavior Similarities. IEEE Transactions on Smart Grid, 2015, 6, 911-918.	9.0	388
2	Coordinated Control Strategy of Wind Turbine Generator and Energy Storage Equipment for Frequency Support. IEEE Transactions on Industry Applications, 2015, 51, 2732-2742.	4.9	203
3	Stochastic Optimal Operation of Microgrid Based on Chaotic Binary Particle Swarm Optimization. IEEE Transactions on Smart Grid, 2016, 7, 66-73.	9.0	198
4	Forecasting the Wind Generation Using a Two-Stage Network Based on Meteorological Information. IEEE Transactions on Energy Conversion, 2009, 24, 474-482.	5.2	178
5	Combining the Wind Power Generation System With Energy Storage Equipment. IEEE Transactions on Industry Applications, 2009, 45, 2109-2115.	4.9	176
6	A New Measurement Method for Power Signatures of Nonintrusive Demand Monitoring and Load Identification. IEEE Transactions on Industry Applications, 2012, 48, 764-771.	4.9	163
7	Power-Spectrum-Based Wavelet Transform for Nonintrusive Demand Monitoring and Load Identification. IEEE Transactions on Industry Applications, 2014, 50, 2081-2089.	4.9	154
8	Hybrid Forecasting Model for Very-Short Term Wind Power Forecasting Based on Grey Relational Analysis and Wind Speed Distribution Features. IEEE Transactions on Smart Grid, 2014, 5, 521-526.	9.0	147
9	Effects of nonsinusoidal voltage on the operation performance of a three-phase induction motor. IEEE Transactions on Energy Conversion, 1999, 14, 193-201.	5.2	118
10	Particle-Swarm-Optimization-Based Nonintrusive Demand Monitoring and Load Identification in Smart Meters. IEEE Transactions on Industry Applications, 2013, 49, 2229-2236.	4.9	95
11	A Bi-Level Program for the Planning of an Islanded Microgrid Including CAES. IEEE Transactions on Industry Applications, 2016, 52, 2768-2777.	4.9	92
12	Mobility-Aware Charging Scheduling for Shared On-Demand Electric Vehicle Fleet Using Deep Reinforcement Learning. IEEE Transactions on Smart Grid, 2021, 12, 1380-1393.	9.0	90
13	A Coordination Control Strategy of Voltage-Source-Converter-Based MTDC for Offshore Wind Farms. IEEE Transactions on Industry Applications, 2015, 51, 2743-2752.	4.9	88
14	Improved Wind Farm Aggregated Modeling Method for Large-Scale Power System Stability Studies. IEEE Transactions on Power Systems, 2018, 33, 6332-6342.	6.5	87
15	Interactive Model for Energy Management of Clustered Microgrids. IEEE Transactions on Industry Applications, 2017, 53, 1739-1750.	4.9	84
16	A Wind Speed Correction Method Based on Modified Hidden Markov Model for Enhancing Wind Power Forecast. IEEE Transactions on Industry Applications, 2022, 58, 656-666.	4.9	74
17	Probabilistic Short-Term Wind Power Forecast Using Componential Sparse Bayesian Learning. IEEE Transactions on Industry Applications, 2013, 49, 2783-2792.	4.9	73
18	Robustness Analysis of Dynamic Equivalent Model of DFIG Wind Farm for Stability Study. IEEE Transactions on Industry Applications, 2018, 54, 5682-5690.	4.9	65

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19	A Residential Consumer-Centered Load Control Strategy in Real-Time Electricity Pricing Environment. , 2007, , .		62
20	Power-Flow Control and Stability Enhancement of Four Parallel-Operated Offshore Wind Farms Using a Line-Commutated HVDC Link. IEEE Transactions on Power Delivery, 2010, 25, 1190-1202.	4.3	62
21	Combining the Wind Power Generation System with Energy Storage Equipments. , 2008, , .		61
22	An AMI System for the Deregulated Electricity Markets. IEEE Transactions on Industry Applications, 2009, 45, 2104-2108.	4.9	60
23	The Impact of Time-of-Use (TOU) Rate Structure on Consumption Patterns of the Residential Customers. IEEE Transactions on Industry Applications, 2017, 53, 5130-5138.	4.9	60
24	Optimal coordinated operation scheduling for electric vehicle aggregator and charging stations in an integrated electricity-transportation system. International Journal of Electrical Power and Energy Systems, 2020, 121, 106040.	5.5	56
25	A Review of Commonly Used DC Arc Models. IEEE Transactions on Industry Applications, 2015, 51, 1398-1407.	4.9	55
26	A Stochastic Resource-Planning Scheme for PHEV Charging Station Considering Energy Portfolio Optimization and Price-Responsive Demand. IEEE Transactions on Industry Applications, 2018, 54, 5590-5598.	4.9	55
27	Design of an Industrial IoT-Based Monitoring System for Power Substations. IEEE Transactions on Industry Applications, 2019, 55, 5666-5674.	4.9	55
28	Direct Load Control in Microgrids to Enhance the Performance of Integrated Resources Planning. IEEE Transactions on Industry Applications, 2015, 51, 3553-3560.	4.9	52
29	A Survey of Harmonic Emissions of a Commercially Operated Wind Farm. IEEE Transactions on Industry Applications, 2012, 48, 1115-1123.	4.9	48
30	Stochastic Resource Planning Strategy to Improve the Efficiency of Microgrid Operation. IEEE Transactions on Industry Applications, 2015, 51, 1978-1986.	4.9	45
31	Hydrogen Filling Station Design for Fuel Cell Vehicles. IEEE Transactions on Industry Applications, 2011, 47, 245-251.	4.9	44
32	Design and Active Control of a Microgrid Testbed. IEEE Transactions on Smart Grid, 2015, 6, 73-81.	9.0	43
33	Dynamic Equivalent Model Development to Improve the Operation Efficiency of Wind Farm. IEEE Transactions on Industry Applications, 2016, 52, 2759-2767.	4.9	43
34	Practical Considerations to Calibrate Generator Model Parameters Using Phasor Measurements. IEEE Transactions on Smart Grid, 2017, 8, 2228-2238.	9.0	42
35	VSC-MTDC System Integrating Offshore Wind Farms Based Optimal Distribution Method for Financial Improvement on Wind Producers. IEEE Transactions on Industry Applications, 2019, 55, 2232-2240.	4.9	41
36	Deep Reinforcement Learning-Based Charging Pricing for Autonomous Mobility-on-Demand System. IEEE Transactions on Smart Grid, 2022, 13, 1412-1426.	9.0	41

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37	Multi-Area Power Generation Dispatch in Competitive Markets. IEEE Transactions on Power Systems, 2008, 23, 196-203.	6.5	39
38	Two-Stage Bidding Strategy for Peer-to-Peer Energy Trading of Nanogrid. IEEE Transactions on Industry Applications, 2020, 56, 1000-1009.	4.9	39
39	A physical laboratory for protective relay education. IEEE Transactions on Education, 2002, 45, 182-186.	2.4	36
40	Integrated High-Speed Intelligent Utility Tie Unit for Disbursed/Renewable Generation Facilities. IEEE Transactions on Industry Applications, 2005, 41, 507-513.	4.9	35
41	Novel Hybrid Market Price Forecasting Method With Data Clustering Techniques for EV Charging Station Application. IEEE Transactions on Industry Applications, 2015, 51, 1987-1996.	4.9	33
42	Wireless health monitoring system for vibration detection of induction motors. , 2010, , .		31
43	A Dynamic Weighted Aggregation Equivalent Modeling Approach for the DFIG Wind Farm Considering the Weibull Distribution for Fault Analysis. IEEE Transactions on Industry Applications, 2019, 55, 5514-5523.	4.9	30
44	Financial Opportunities by Implementing Renewable Sources and Storage Devices for Households Under ERCOT Demand Response Programs Design. IEEE Transactions on Industry Applications, 2014, 50, 2780-2787.	4.9	29
45	A Contactless Insulator Contamination Levels Detecting Method Based on Infrared Images Features and RBFNN. IEEE Transactions on Industry Applications, 2019, 55, 2455-2463.	4.9	29
46	Approach of Voltage Characteristics Modeling for Medium-Low-Voltage Arc Fault in Short Gaps. IEEE Transactions on Industry Applications, 2019, 55, 2281-2289.	4.9	29
47	Integrated Operation Model for Autonomous Mobility-on-Demand Fleet and Battery Swapping Station. IEEE Transactions on Industry Applications, 2021, 57, 5593-5602.	4.9	28
48	Strategic Prosumers-Based Peer-to-Peer Energy Market Design for Community Microgrids. IEEE Transactions on Industry Applications, 2021, 57, 2048-2057.	4.9	28
49	High-Speed Arcing Fault Detection: Using the Light Spectrum. IEEE Industry Applications Magazine, 2020, 26, 29-36.	0.4	27
50	One Parametric Approach for Short-Term JPDF Forecast of Wind Generation. IEEE Transactions on Industry Applications, 2014, 50, 2837-2843.	4.9	26
51	Insulator Infrared Image Denoising Method Based on Wavelet Generic Gaussian Distribution and MAP Estimation. IEEE Transactions on Industry Applications, 2017, 53, 3279-3284.	4.9	26
52	Real-Time Operation Management for Battery Swapping-Charging System via Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Smart Grid, 2023, 14, 559-571.	9.0	26
53	Pilot-Bus-Centered Automatic Voltage Control With High Penetration Level of Wind Generation. IEEE Transactions on Industry Applications, 2016, 52, 1962-1969.	4.9	25
54	Sub-Synchronous Control Interaction Detection: A Real-Time Application. IEEE Transactions on Power Delivery, 2020, 35, 106-116.	4.3	25

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55	An Integration Scheme of Renewable Energies, Hydrogen Plant, and Logistics Center in the Suburban Power Grid. IEEE Transactions on Industry Applications, 2022, 58, 2771-2779.	4.9	24
56	A Stochastic Microgrid Operation Scheme to Balance between System Reliability and Greenhouse Gas Emission. IEEE Transactions on Industry Applications, 2015, , 1-1.	4.9	23
57	DC Arc Model Based on 3-D DC Arc Simulation. IEEE Transactions on Industry Applications, 2016, 52, 5255-5261.	4.9	23
58	A Linear Program for System-Level Control of Regional PHEV Charging Stations. IEEE Transactions on Industry Applications, 2016, 52, 2046-2052.	4.9	23
59	Ground fault location in radial distribution networks involving distributed voltage measurement. IET Generation, Transmission and Distribution, 2018, 12, 987-996.	2.5	23
60	Typical Fault Cause Recognition of Single-Phase-to-Ground Fault for Overhead Lines in Nonsolidly Earthed Distribution Networks. IEEE Transactions on Industry Applications, 2020, 56, 6298-6306.	4.9	23
61	Spatial-Temporal Demand Management and Benefit Allocation for Geo-Distributed Charging Station and EV Aggregators. IEEE Transactions on Industry Applications, 2020, 56, 6238-6249.	4.9	23
62	Wind Power Prediction for Wind Farm Clusters Based on the Multifeature Similarity Matching Method. IEEE Transactions on Industry Applications, 2020, 56, 4679-4688.	4.9	21
63	Bounds for Optimal Control of a Regional Plug-in Electric Vehicle Charging Station System. IEEE Transactions on Industry Applications, 2018, 54, 977-986.	4.9	21
64	A Novel Nonintrusive Fault Identification for Power Transmission Networks Using Power-Spectrum-Based Hyperbolic S-Transformâ€"Part I: Fault Classification. IEEE Transactions on Industry Applications, 2018, 54, 5700-5710.	4.9	20
65	An Adaptive Ensemble Data Driven Approach for Nonparametric Probabilistic Forecasting of Electricity Load. IEEE Transactions on Smart Grid, 2021, 12, 5396-5408.	9.0	20
66	Dynamic Simulator for Thyristor-Controlled Series Capacitor. IEEE Transactions on Industry Applications, 2010, 46, 1096-1102.	4.9	18
67	IEEE/NFPA Collaboration on Arc Flash Phenomena Research Project. IEEE Power and Energy Magazine, 2012, 10, 116-123.	1.6	18
68	Load model development for next generation appliances. , 2011, , .		17
69	Voltage-Sag-Profiles-Based Fault Location in High-Speed Railway Distribution System. IEEE Transactions on Industry Applications, 2017, 53, 5229-5238.	4.9	17
70	Optimization Method With Prediction-Based Maintenance Strategy for Traction Power Supply Equipment Based on Risk Quantification. IEEE Transactions on Transportation Electrification, 2018, 4, 961-970.	7.8	17
71	Potential of the Commercial Sector to Participate in the Demand Side Management Program. IEEE Transactions on Industry Applications, 2019, 55, 7261-7269.	4.9	17
72	Dynamic formulation and approximation methods to solve economic dispatch problems. IET Generation, Transmission and Distribution, 2013, 7, 866-873.	2.5	16

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73	3-D Magnetohydrodynamic Modeling of DC Arc in Power System. IEEE Transactions on Industry Applications, 2016, 52, 4549-4555.	4.9	16
74	Effects of voltage harmonics on the electrical and mechanical performance of a three-phase induction motor. , 0, , .		15
75	An AMI System for the Deregulated Electricity Markets. , 2008, , .		15
76	Electrical Safety, Electrical Hazards, and the 2018 NFPA 70E: Time to Update Annex K?. IEEE Transactions on Industry Applications, 2015, 51, 2709-2716.	4.9	15
77	Dynamic equivalent model development to improve the operation efficiency of wind farm. , 2015, , .		15
78	Development of a Real-Time Web-Based Power Monitoring System for the Substation of Petrochemical Facilities. IEEE Transactions on Industry Applications, 2019, 55, 43-50.	4.9	15
79	The Design of a Remote Online Holistic Monitoring System for a Wind Turbine. IEEE Transactions on Industry Applications, 2020, 56, 14-21.	4.9	15
80	Transient Stability Evaluation Criterion of Multi-Wind Farms Integrated Power System. IEEE Transactions on Power Systems, 2022, 37, 3137-3140.	6.5	14
81	Transmission Line Overload Risk Assessment Considering Dynamic Line Rating Mechanism in a High-Wind-Penetrated Power System: A Data-Driven Approach. IEEE Transactions on Sustainable Energy, 2022, 13, 1112-1122.	8.8	14
82	An AMI based measurement and control system in smart distribution grid. , 2011, , .		13
83	An autonomous operation microgrid for rural electrification. , 2013, , .		13
84	A Novel Hierarchical Demand Response Strategy for Residential Microgrid. IEEE Transactions on Industry Applications, 2021, 57, 3262-3271.	4.9	13
85	A new approach for emissions and security constrained economic dispatch. , 2009, , .		12
86	The co-optimal bidding strategy of pumped-storage unit in ERCOT energy market. , 2009, , .		12
87	Assessing Risk in Chinese Shale Gas Investments Abroad: Modelling and Policy Recommendations. Sustainability, 2016, 8, 708.	3.2	12
88	Design of an Industrial IoT-Based Monitoring System for Power Substations. , 2019, , .		12
89	Development of a real-time power system dynamic performance monitoring system. IEEE Transactions on Industry Applications, 1997, 33, 1055-1060.	4.9	11
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93	â€œArc Flashâ€•Hazards, Incident Energy, PPE Ratings, and Thermal Burn Injuryâ€"A Deeper Look. IEEE Transactions on Industry Applications, 2015, 51, 4275-4283.	4.9	11
94	A Redundancy Mechanism Design for Hall-Based Electronic Current Transformers. Energies, 2017, 10, 312.	3.1	11
95	Reframing Our View of Workplace â€œElectricalâ€•Injuries. IEEE Transactions on Industry Applications, 2019, 55, 4370-4376.	4.9	11
96	A Contactless Zero-Value Insulators Detection Method Based on Infrared Images Matching. IEEE Access, 2020, 8, 133882-133889.	4.2	11
97	Wind Farm Dynamic Equivalent Modeling Method for Power System Probabilistic Stability Assessment. IEEE Transactions on Industry Applications, 2020, 56, 2273-2280.	4.9	11
98	Robustness-Improved Method for Measurement-Based Equivalent Modeling of Active Distribution Network. IEEE Transactions on Industry Applications, 2021, 57, 2146-2155.	4.9	11
99	PMU Based Problematic Parameter Identification Approach for Calibrating Generating Unit Models. IEEE Transactions on Industry Applications, 2021, 57, 4520-4527.	4.9	11
100	Quality-of-Service Aware Battery Swapping Navigation and Pricing for Autonomous Mobility-on-Demand System. IEEE Transactions on Industrial Informatics, 2022, 18, 8247-8257.	11.3	11
101	Wireless sensor network for performance monitoring of electrical machine. , 2009, , .		10
102	Design optimization of PHEV charging station. , 2012, , .		10
103	Renewable Energy Integration in Intelligent Railway of China: Configurations, Applications and Issues. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 13-33.	3.8	10
104	Multilabel Classification Model for Type Recognition of Single-Phase-to-Ground Fault Based on KNN-Bayesian Method. IEEE Transactions on Industry Applications, 2021, 57, 1294-1302.	4.9	10
105	A Comparative Study on Voltage Level Standard for DC Residential Power Systems. IEEE Transactions on Industry Applications, 2022, 58, 1446-1455.	4.9	10
106	Novel Approach for Arc Fault Identification With Transient and Steady State Based Time-Frequency Analysis. IEEE Transactions on Industry Applications, 2022, 58, 4359-4369.	4.9	10
107	Using coreless hall effect sensor for accurate current measurement in ZigBee based wireless sensor network. , 2011, , .		9
108	A stochastic microgrid operation scheme to balance between system reliability and greenhouse gas emission. , 2015, , .		9

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109	A Multistage Dynamic Equivalent Modeling of a Wind Farm for the Smart Grid Development. IEEE Transactions on Industry Applications, 2019, 55, 4451-4461.	4.9	9
110	Introduction to IEEE Standard 1584: Guide for Performing Arc-Flash Hazard Calculations, 2018 Edition. IEEE Industry Applications Magazine, 2020, 26, 64-76.	0.4	9
111	Transfer Learning Featured Short-Term Combining Forecasting Model for Residential Loads With Small Sample Sets. IEEE Transactions on Industry Applications, 2022, 58, 4279-4288.	4.9	9
112	Elimination of System-Induced Torque Pulsations in Doubly-Fed Induction Generators Via Field Reconstruction Method. IEEE Transactions on Energy Conversion, 2015, 30, 1228-1236.	5.2	8
113	Medium-term Operation for an Industrial Customer Considering Demand Side Management and Risk Management. IEEE Transactions on Industry Applications, 2015, , 1-1.	4.9	8
114	A Priority Decision Making Based Bidding Strategy for Interactive Aggregators. IEEE Transactions on Industry Applications, 2018, 54, 5569-5578.	4.9	8
115	Integration of Renewable Energy into Electric Vehicle Charging Infrastructure. , 2018, , .		8
116	Frequency Compensation Control Strategy of Energy Storage in the Wind-energy storage Hybrid System for Improving Frequency Response Performance. , 2019, , .		8
117	Effect of Electrode Geometry on Arc Flash Protection Boundary. IEEE Transactions on Industry Applications, 2020, 56, 57-64.	4.9	8
118	Preemptive Medium-Low Voltage Arc Flash Detection With Geometric Distribution Analysis on Magnetic Field. IEEE Transactions on Industry Applications, 2021, 57, 2129-2137.	4.9	8
119	Impact of Wind Generation on a Transmission System. , 2007, , .		7
120	Dynamic parameter identification of generators for smart grid development. , 2011, , .		7
121	Evaluating the use of a MicroGrid as a power solution for Africa's rural areas. , 2012, , .		7
122	Study of the Effects of Smart Meter RF Transmissions on GFCI Outlets. IEEE Transactions on Electromagnetic Compatibility, 2014, 56, 1361-1369.	2.2	7
123	A bi-level program for the planning of an islanded microgrid including CAES. , 2015, , .		7
124	Reliability assessment of automated substation and functional integration. , 2016, , .		7
125	A Dual Modular Redundancy Scheme for CPUâ€"FPGA Platform-Based Systems. IEEE Transactions on Industry Applications, 2018, 54, 5621-5629.	4.9	7
126	A Dynamic Weighted Aggregation Equivalent Modeling Approach for the DFIG Wind Farm Considering the Weibull Distribution. , 2019, , .		7

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127	Study on Additional Dynamic Component of Electronic Current Transducer Based on Rogowski Coil and Its Test Approach. IEEE Transactions on Industry Applications, 2020, 56, 1258-1265.	4.9	7
128	Optimized Frequency Scanning of Nonlinear Devices Applied to Subsynchronous Resonance Screening. IEEE Transactions on Industry Applications, 2020, 56, 2281-2291.	4.9	7
129	Holistic approach for grid interconnection in Africa. , 0, , .		6
130	Emission Constraints Economic Dispatch with Mixed Fuel Cost Curves. , 2007, , .		6
131	Role and Value of Pumped Storage Units in an Ancillary Services Market for Isolated Power Systems - Simulation in the Taiwan Power System. , 2007, , .		6
132	A hybrid method for the dynamic parameter identification of generators via on-line measurements. , 2010, , .		6
133	PEM fuel cell and battery hybrid power supply system design based on fuel flow rate control. , 2011, , .		6
134	Wind and PV hybrid renewable system dispatch using battery energy storage. , 2013, , .		6
135	Arc Flash Pressure Measurement System Design. IEEE Transactions on Industry Applications, 2016, 52, 5241-5247.	4.9	6
136	Arc Flash Visible Light Intensity as Viewed From Human Eyes. IEEE Transactions on Industry Applications, 2017, 53, 5068-5077.	4.9	6
137	Continuation Power Flow Model for Interconnected Systems Considering the Electricity Market Influence and Its Corresponding Distributed Algorithm. IEEE Access, 2019, 7, 75910-75924.	4.2	6
138	Robustness Improvement on PMU Based Dynamic Equivalent Modeling of Distributed Small Hydropower Generator Stacks. IEEE Transactions on Power Systems, 2020, 35, 3388-3399.	6.5	6
139	Impact of Societal Events on Frequency Stability Considering LED TVs in Low Inertia Trending Power Systems. IEEE Transactions on Industry Applications, 2021, 57, 5649-5657.	4.9	6
140	System impact study for the interconnection of wind generation and utility system. , 0, , .		5
141	Impact Study on Intentional Islanding of Distributed Generation Connected to Radial Subtransmission System in Thailand's Electric Power System. Conference Record - IAS Annual Meeting (IEEE Industry) Tj ETQq1 1 0.784314 rgBT /Overl		5
142	Hydrogen filling station design for fuel cell vehicles. , 2010, , .		5
143	Developing important renewable energies in Thailand. , 2011, , .		5
144	Development of Frequency Variable Inverter Based on SOPC and Nios II. IEEE Transactions on Industry Applications, 2013, 49, 2237-2243.	4.9	5

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145	Electrical substation automation system modernization through the adoption of IEC61850. , 2015, , .		5
146	An efficient stochastic algorithm for mid-term scheduling of cascaded hydro systems. Journal of Modern Power Systems and Clean Energy, 2019, 7, 163-173.	5.4	5
147	Linear Programming for Multi-Agent Demand Response. IEEE Access, 2019, 7, 181479-181490.	4.2	5
148	Typical Fault Cause Recognition of Single-Phase-to-Ground Fault for Overhead Lines in Non-Solidly Earthed Distribution Networks. , 2020, , .		5
149	Automatic Power System Restoration With Inrush Current Estimation for Industrial Facility. IEEE Transactions on Industry Applications, 2021, 57, 5772-5781.	4.9	5
150	Soft Actorâ€"Critic Algorithm Featured Residential Demand Response Strategic Bidding for Load Aggregators. IEEE Transactions on Industry Applications, 2022, 58, 4298-4308.	4.9	5
151	Closure to Discussion of â€œReactive Compensation Techniques to Improve the Ride-Through Capability of Wind Turbine During Disturbanceâ€• IEEE Transactions on Industry Applications, 2005, 41, 1484-1484.	4.9	4
152	PEA Guidelines of Impact Study and Operation of DG for Islanding Operation. , 2007, , .		4
153	Dynamic Simulator for Thyristor Controlled Series Capacitor. , 2008, , .		4
154	Theoretical and Experimental Investigation of Dual-impedance Phenomenon in Thyristor-controlled Series Capacitor. Electric Power Components and Systems, 2010, 38, 918-936.	1.8	4
155	Control and simulation of grid-connected micro-grid. , 2012, , .		4
156	One parametric approach for short-term JPDF forecast of wind generation. , 2013, , .		4
157	The impact of power quality when high power pulsed DC and continuous AC loads are simultaneously operated on a MicroGrid testbed. , 2013, , .		4
158	Redeveloping the 2018 NFPA 70E Annex K and contemplating beyond. , 2015, , .		4
159	Medium-Voltage Arc Flash in Switchgear and Live-Front Transformers. IEEE Transactions on Industry Applications, 2016, 52, 5280-5288.	4.9	4
160	Bounds for optimal control of a regional plug-in electric vehicle charging station system. , 2017, , .		4
161	Operation and control for multi-voltage-level dc network to improve the utilization rate of renewable energies. , 2017, , .		4
162	Arc Voltage Characteristics of Medium-Low Voltage Arc Fault in Short Gaps. , 2018, , .		4

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163	A novel nonintrusive fault identification for power transmission networks using power-spectrum-based hyperbolic S-transform â€" Part I: Fault classification. , 2018, , .		4
164	A Continuation Power Flow Model of Multi-Area AC/DC Interconnected Bulk Systems Incorporating Voltage Source Converter-Based Multi-Terminal DC Networks and Its Decoupling Algorithm. Energies, 2019, 12, 733.	3.1	4
165	A Multiattribute and Multidimensional Based Comprehensive Evaluation Method for New Multipulse Integrated Metro Traction Power Supply System. IEEE Transactions on Industry Applications, 2020, 56, 6138-6149.	4.9	4
166	A Comparative Study on Voltage Level Standard for DC Residential Power Systems. , 2020, , .		4
167	Charging Cost-Aware Fleet Management for Shared On-Demand Green Logistic System. IEEE Internet of Things Journal, 2023, 10, 7505-7516.	8.7	4
168	A microcomputer-based testing station for dynamic and static testing of protective relay systems. , 0, , .		3
169	Artificial neural network based on-line partial discharge monitoring system for motors. , 0, , .		3
170	Power Quality and Reliability of University Campus Equipment - Industry and Academic Partnership Program. , 2005, , .		3
171	Performance analysis of a large-scale hybrid offshore wind and marine-current farm connected to a power grid via an HVDC link. , 2010, , .		3
172	An integrated three-level transformer condition assessment model based on optimal weights and uncertainty theory. , 2013, , .		3
173	Novel hybrid market price forecasting method with data clustering techniques for EV charging station application. , 2014, , .		3
174	Electronic power transformer to secure the power supply of a mission critical microgrid. , 2014, , .		3
175	A coordination control strategy of voltage source converter based MTDC for offshore wind farms. , 2014, , .		3
176	Using a Microgrid test bed to evaluate the strategies for seamless renewable energy integration. , 2014, , .		3
177	A linear program for system level control of regional PHEV charging stations. , 2015, , .		3
178	Arc Flash Study in large scale industrial plant with internal generation and complex interconnected network. , 2017, , .		3
179	Medium-term operation strategy for a grid-connected microgrid via minimax regret optimization. , 2017, , .		3
180	Energy efficiency improvement of a single-phase ac spot welding machine by using an advanced thyristor switched detuning capacitor bank. IEEE Transactions on Industry Applications, 2018, , 1-1.	4.9	3

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181	What Occupational Injury Costs and Workers' Compensation Tell Us About Electrical Injuries and the Need to Invest in Electrically Safer Workplaces. IEEE Transactions on Industry Applications, 2019, 55, 4377-4383.	4.9	3
182	Spatial-Temporal Demand Management and Benefit Allocation for Geo-Distributed Charging Station and EV Aggregators. , 2020, , .		3
183	Fault Location Identification in Power Transmission Networks: Using Novel Nonintrusive Fault-Monitoring Systems. IEEE Industry Applications Magazine, 2021, 27, 76-89.	0.4	3
184	Impact of Societal Events on Frequency Stability Considering LED TVs in Low Inertia Trending Power Systems. , 2021, , .		3
185	On Mitigation of Sub-Synchronous Control Interactions in Hybrid Generation Resources. IEEE Transactions on Industrial Informatics, 2022, 18, 4372-4382.	11.3	3
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187	Using a static VAr compensator to balance a distribution system. , 0, , .		2
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191	A novel method for advanced dispatch considering response risk constraints. , 2009, , .		2
192	Energy saving of green buildings using natural daylight. , 2009, , .		2
193	A small hydro power (SHP) system in Taiwan using outlet-water energy of a reservoir: System introduction and measured results. , 2009, , .		2
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195	Development of frequency variable inverter based on SOPC and Nios II. , 2012, , .		2
196	Financial opportunities by implementing renewable sources and storage devices for households under ERCOT demand response programs design. , 2013, , .		2
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