

Wei-Jen Lee

List of Publications by Year in descending order

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250
papers

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252
times ranked

4042
citing authors

#	ARTICLE	IF	CITATIONS
1	Charging Cost-Aware Fleet Management for Shared On-Demand Green Logistic System. IEEE Internet of Things Journal, 2023, 10, 7505-7516.	5.5	4
2	Real-Time Operation Management for Battery Swapping-Charging System via Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Smart Grid, 2023, 14, 559-571.	6.2	26
3	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.	3.3	24
4	On Mitigation of Sub-Synchronous Control Interactions in Hybrid Generation Resources. IEEE Transactions on Industrial Informatics, 2022, 18, 4372-4382.	7.2	3
5	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.	3.3	74
6	Deep Reinforcement Learning-Based Charging Pricing for Autonomous Mobility-on-Demand System. IEEE Transactions on Smart Grid, 2022, 13, 1412-1426.	6.2	41
7	A Comparative Study on Voltage Level Standard for DC Residential Power Systems. IEEE Transactions on Industry Applications, 2022, 58, 1446-1455.	3.3	10
8	Fault Location Identifications in HV Transmission Networks and Different MV Wind Farms Using Nonintrusive Monitoring Techniques. IEEE Transactions on Industry Applications, 2022, 58, 1822-1830.	3.3	3
9	Transient Stability Evaluation Criterion of Multi-Wind Farms Integrated Power System. IEEE Transactions on Power Systems, 2022, 37, 3137-3140.	4.6	14
10	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.	5.9	14
11	Transfer Learning Featured Short-Term Combining Forecasting Model for Residential Loads With Small Sample Sets. IEEE Transactions on Industry Applications, 2022, 58, 4279-4288.	3.3	9
12	Soft Actor-Critic Algorithm Featured Residential Demand Response Strategic Bidding for Load Aggregators. IEEE Transactions on Industry Applications, 2022, 58, 4298-4308.	3.3	5
13	Novel Approach for Arc Fault Identification With Transient and Steady State Based Time-Frequency Analysis. IEEE Transactions on Industry Applications, 2022, 58, 4359-4369.	3.3	10
14	Quality-of-Service Aware Battery Swapping Navigation and Pricing for Autonomous Mobility-on-Demand System. IEEE Transactions on Industrial Informatics, 2022, 18, 8247-8257.	7.2	11
15	Approach for Parameter Calibration to Microgrid Model With Problematic Parameter Identification. IEEE Transactions on Industry Applications, 2022, 58, 4289-4297.	3.3	0
16	Renewable Energy Integration in Intelligent Railway of China: Configurations, Applications and Issues. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 13-33.	2.6	10
17	Integrated Operation Model for Autonomous Mobility-on-Demand Fleet and Battery Swapping Station. IEEE Transactions on Industry Applications, 2021, 57, 5593-5602.	3.3	28
18	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.	3.3	10

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19	Mobility-Aware Charging Scheduling for Shared On-Demand Electric Vehicle Fleet Using Deep Reinforcement Learning. IEEE Transactions on Smart Grid, 2021, 12, 1380-1393.	6.2	90
20	Fault Location Identification in Power Transmission Networks: Using Novel Nonintrusive Fault-Monitoring Systems. IEEE Industry Applications Magazine, 2021, 27, 76-89.	0.3	3
21	Automatic Power System Restoration With Inrush Current Estimation For Industrial Facility. , 2021, , .		2
22	Impact of Societal Events on Frequency Stability Considering LED TVs in Low Inertia Trending Power Systems. , 2021, , .		3
23	Robustness-Improved Method for Measurement-Based Equivalent Modeling of Active Distribution Network. IEEE Transactions on Industry Applications, 2021, 57, 2146-2155.	3.3	11
24	Strategic Prosumers-Based Peer-to-Peer Energy Market Design for Community Microgrids. IEEE Transactions on Industry Applications, 2021, 57, 2048-2057.	3.3	28
25	Preemptive Medium-Low Voltage Arc Flash Detection With Geometric Distribution Analysis on Magnetic Field. IEEE Transactions on Industry Applications, 2021, 57, 2129-2137.	3.3	8
26	A Novel Hierarchical Demand Response Strategy for Residential Microgrid. IEEE Transactions on Industry Applications, 2021, 57, 3262-3271.	3.3	13
27	PMU Based Problematic Parameter Identification Approach for Calibrating Generating Unit Models. IEEE Transactions on Industry Applications, 2021, 57, 4520-4527.	3.3	11
28	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.	3.3	6
29	An Adaptive Ensemble Data Driven Approach for Nonparametric Probabilistic Forecasting of Electricity Load. IEEE Transactions on Smart Grid, 2021, 12, 5396-5408.	6.2	20
30	Automatic Power System Restoration With Inrush Current Estimation for Industrial Facility. IEEE Transactions on Industry Applications, 2021, 57, 5772-5781.	3.3	5
31	Integrated Model for Recognition of Single-Phase-to-Ground Fault Caused by Insulation Deterioration in Medium-Voltage Distribution Networks. , 2021, , .		0
32	Transmission-Line Fault Location Identifications in HV Transmission Networks and different MV Wind Farms using Non-intrusive Monitoring Techniques. , 2021, , .		1
33	Problematic Parameter Identification Featured Model Calibration Method to Microgrid. , 2021, , .		2
34	Novel Approach to Arc Fault Identification with Both Transient and Steady State based Time-Frequency Analysis. , 2021, , .		1
35	Sub-Synchronous Control Interaction Detection: A Real-Time Application. IEEE Transactions on Power Delivery, 2020, 35, 106-116.	2.9	25
36	Two-Stage Bidding Strategy for Peer-to-Peer Energy Trading of Nanogrid. IEEE Transactions on Industry Applications, 2020, 56, 1000-1009.	3.3	39

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37	Effect of Electrode Geometry on Arc Flash Protection Boundary. IEEE Transactions on Industry Applications, 2020, 56, 57-64.	3.3	8
38	The Design of a Remote Online Holistic Monitoring System for a Wind Turbine. IEEE Transactions on Industry Applications, 2020, 56, 14-21.	3.3	15
39	A Multi-attribute and Multi-dimensional based Comprehensive Evaluation Method for New Multi-Pulse Integrated Metro Traction Power Supply System. , 2020, , .		1
40	Determine the Electrode Configuration and Sensitivity of the Enclosure Dimensions when Performing Arc Flash Analysis. , 2020, , .		2
41	A Novel DC Outlet with Adaptive Output Control for LVDC Household Power System. , 2020, , .		1
42	Special Issue on Advanced Approaches and Applications for Electric Vehicle Charging Demand Management. IEEE Transactions on Industry Applications, 2020, 56, 5682-5683.	3.3	2
43	Introduction to IEEE Standard 1584: Guide for Performing Arc-Flash Hazard Calculations, 2018 Edition. IEEE Industry Applications Magazine, 2020, 26, 64-76.	0.3	9
44	Wind Power Prediction for Wind Farm Clusters Based on the Multifeature Similarity Matching Method. IEEE Transactions on Industry Applications, 2020, 56, 4679-4688.	3.3	21
45	A Contactless Zero-Value Insulators Detection Method Based on Infrared Images Matching. IEEE Access, 2020, 8, 133882-133889.	2.6	11
46	A Multi-label Classification Model for Type Recognition of Single-Phase-to-Ground Fault Based on KNN-Bayesian Method. , 2020, , .		1
47	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.	3.3	4
48	Fault Location Identification in Power Transmission Networks using Novel Non-intrusive Fault Monitoring Systems. , 2020, , .		1
49	Determine the Electrode Configuration and Sensitivity of the Enclosure Dimensions When Performing Arc Flash Analysis. IEEE Transactions on Industry Applications, 2020, 56, 6307-6313.	3.3	1
50	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.	3.3	23
51	Spatial-Temporal Demand Management and Benefit Allocation for Geo-Distributed Charging Station and EV Aggregators. , 2020, , .		3
52	Typical Fault Cause Recognition of Single-Phase-to-Ground Fault for Overhead Lines in Non-Solidly Earthed Distribution Networks. , 2020, , .		5
53	Spatial-Temporal Demand Management and Benefit Allocation for Geo-Distributed Charging Station and EV Aggregators. IEEE Transactions on Industry Applications, 2020, 56, 6238-6249.	3.3	23
54	High-Speed Arcing Fault Detection: Using the Light Spectrum. IEEE Industry Applications Magazine, 2020, 26, 29-36.	0.3	27

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55	Wind Farm Dynamic Equivalent Modeling Method for Power System Probabilistic Stability Assessment. IEEE Transactions on Industry Applications, 2020, 56, 2273-2280.	3.3	11
56	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.	3.3	7
57	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.	3.3	56
58	Robustness Improvement on PMU Based Dynamic Equivalent Modeling of Distributed Small Hydropower Generator Stacks. IEEE Transactions on Power Systems, 2020, 35, 3388-3399.	4.6	6
59	Optimized Frequency Scanning of Nonlinear Devices Applied to Subsynchronous Resonance Screening. IEEE Transactions on Industry Applications, 2020, 56, 2281-2291.	3.3	7
60	A Comparative Study on Voltage Level Standard for DC Residential Power Systems. , 2020, , .		4
61	Online load transfer criterion using soft normally-open points for distribution networks with renewable energies integration. , 2020, , .		1
62	An efficient stochastic algorithm for mid-term scheduling of cascaded hydro systems. Journal of Modern Power Systems and Clean Energy, 2019, 7, 163-173.	3.3	5
63	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.	3.3	30
64	An Optimized Frequency Scanning Tool for Sub-Synchronous Interaction Analysis of Non-Linear Devices. , 2019, , .		1
65	Continuation Power Flow Model for Interconnected Systems Considering the Electricity Market Influence and Its Corresponding Distributed Algorithm. IEEE Access, 2019, 7, 75910-75924.	2.6	6
66	Design of an Industrial IoT-Based Monitoring System for Power Substations. , 2019, , .		12
67	A Multistage Dynamic Equivalent Modeling of a Wind Farm for the Smart Grid Development. IEEE Transactions on Industry Applications, 2019, 55, 4451-4461.	3.3	9
68	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.	1.6	4
69	What Occupational Injury Costs and Workersâ€™ Compensation Tell Us About Electrical Injuries and the Need to Invest in Electrically Safer Workplaces. IEEE Transactions on Industry Applications, 2019, 55, 4377-4383.	3.3	3
70	A Dynamic Weighted Aggregation Equivalent Modeling Approach for the DFIG Wind Farm Considering the Weibull Distribution. , 2019, , .		7
71	Reframing Our View of Workplace â€œElectricalâ€ Injuries. IEEE Transactions on Industry Applications, 2019, 55, 4370-4376.	3.3	11
72	Design of an Industrial IoT-Based Monitoring System for Power Substations. IEEE Transactions on Industry Applications, 2019, 55, 5666-5674.	3.3	55

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73	Potential of the Commercial Sector to Participate in the Demand Side Management Program. IEEE Transactions on Industry Applications, 2019, 55, 7261-7269.	3.3	17
74	A Contactless Insulator Contamination Levels Detecting Method Based on Infrared Images Features and RBFNN. IEEE Transactions on Industry Applications, 2019, 55, 2455-2463.	3.3	29
75	A Multi-stage Dynamic Equivalent Modeling of a Wind Farm for the Smart Grid Development. , 2019, , .		2
76	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.	3.3	41
77	Wind Power Prediction for Wind Farm Clusters Based on the Multi-feature Similarity Matching Method. , 2019, , .		2
78	An Improved Aggregated Equivalent Modeling of DFIG Wind Farm Based on Dynamic Clustering Strategy for Post-fault Analysis. , 2019, , .		0
79	Approach to Enhance the Robustness on PMU based Power System Dynamic Equivalent Modeling. , 2019, , .		1
80	Linear Programming for Multi-Agent Demand Response. IEEE Access, 2019, 7, 181479-181490.	2.6	5
81	Frequency Compensation Control Strategy of Energy Storage in the Wind-energy storage Hybrid System for Improving Frequency Response Performance. , 2019, , .		8
82	Wind Farm Dynamic Equivalent Modeling Method for Power System Probabilistic Stability Assessment. , 2019, , .		1
83	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.	3.3	15
84	Approach of Voltage Characteristics Modeling for Medium-Low-Voltage Arc Fault in Short Gaps. IEEE Transactions on Industry Applications, 2019, 55, 2281-2289.	3.3	29
85	A new self-calibration method for electronic current transformers. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'ang, 2018, 41, 77-85.	0.6	2
86	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.	3.3	3
87	Ground fault location in radial distribution networks involving distributed voltage measurement. IET Generation, Transmission and Distribution, 2018, 12, 987-996.	1.4	23
88	Improved Wind Farm Aggregated Modeling Method for Large-Scale Power System Stability Studies. IEEE Transactions on Power Systems, 2018, 33, 6332-6342.	4.6	87
89	A Priority Decision Making Based Bidding Strategy for Interactive Aggregators. IEEE Transactions on Industry Applications, 2018, 54, 5569-5578.	3.3	8
90	Integration of Renewable Energy into Electric Vehicle Charging Infrastructure. , 2018, , .		8

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91	VSC-MTDC System Integrating Offshore Wind Farms Based Optimal Distribution Method for Financial Improvement on Wind Producers. , 2018, , .		1
92	Arc Voltage Characteristics of Medium-Low Voltage Arc Fault in Short Gaps. , 2018, , .		4
93	A Novel Nonintrusive Fault Identification for Power Transmission Networks Using Power-Spectrum-Based Hyperbolic S-Transform Part I: Fault Classification. IEEE Transactions on Industry Applications, 2018, 54, 5700-5710.	3.3	20
94	Priority assessment model of on-line monitoring devices investment for power transformers. Journal of Intelligent and Fuzzy Systems, 2018, 35, 589-599.	0.8	1
95	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.	3.3	55
96	Robustness Analysis of Dynamic Equivalent Model of DFIG Wind Farm for Stability Study. IEEE Transactions on Industry Applications, 2018, 54, 5682-5690.	3.3	65
97	A Dual Modular Redundancy Scheme for CPU-FPGA Platform-Based Systems. IEEE Transactions on Industry Applications, 2018, 54, 5621-5629.	3.3	7
98	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.	5.3	17
99	A novel nonintrusive fault identification for power transmission networks using power-spectrum-based hyperbolic S-transform Part I: Fault classification. , 2018, , .		4
100	A stochastic resource planning scheme for PHEV charging station considering energy portfolio optimization and price-responsive demand. , 2018, , .		2
101	A CPU-FPGA heterogeneous platform-based monitoring system and redundant mechanisms. , 2018, , .		1
102	Bounds for Optimal Control of a Regional Plug-in Electric Vehicle Charging Station System. IEEE Transactions on Industry Applications, 2018, 54, 977-986.	3.3	21
103	Practical Considerations to Calibrate Generator Model Parameters Using Phasor Measurements. IEEE Transactions on Smart Grid, 2017, 8, 2228-2238.	6.2	42
104	Interactive Model for Energy Management of Clustered Microgrids. IEEE Transactions on Industry Applications, 2017, 53, 1739-1750.	3.3	84
105	Insulator Infrared Image Denoising Method Based on Wavelet Generic Gaussian Distribution and MAP Estimation. IEEE Transactions on Industry Applications, 2017, 53, 3279-3284.	3.3	26
106	Arc Flash Study in large scale industrial plant with internal generation and complex interconnected network. , 2017, , .		3
107	Arc Flash Visible Light Intensity as Viewed From Human Eyes. IEEE Transactions on Industry Applications, 2017, 53, 5068-5077.	3.3	6
108	Arc flash visible light intensity as viewed from human eyes. , 2017, , .		2

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109	Voltage-Sag-Profiles-Based Fault Location in High-Speed Railway Distribution System. IEEE Transactions on Industry Applications, 2017, 53, 5229-5238.	3.3	17
110	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.	3.3	60
111	Effectiveness of zero pricing in TOU demand responses at the residential level. , 2017, , .		0
112	Bounds for optimal control of a regional plug-in electric vehicle charging station system. , 2017, , .		4
113	Operation and control for multi-voltage-level dc network to improve the utilization rate of renewable energies. , 2017, , .		4
114	Optimal operation strategy of an industrial plant under deregulated electricity market. , 2017, , .		1
115	My Best Decision [Memoirs]. IEEE Industry Applications Magazine, 2017, 23, 80-80.	0.3	0
116	Medium-term operation strategy for a grid-connected microgrid via minimax regret optimization. , 2017, , .		3
117	A Redundancy Mechanism Design for Hall-Based Electronic Current Transformers. Energies, 2017, 10, 312.	1.6	11
118	Assessing Risk in Chinese Shale Gas Investments Abroad: Modelling and Policy Recommendations. Sustainability, 2016, 8, 708.	1.6	12
119	Arc Flash Pressure Measurement System Design. IEEE Transactions on Industry Applications, 2016, 52, 5241-5247.	3.3	6
120	Dynamic simulator for multi-terminal direct current transmission system. , 2016, , .		0
121	3-D Magnetohydrodynamic Modeling of DC Arc in Power System. IEEE Transactions on Industry Applications, 2016, 52, 4549-4555.	3.3	16
122	Medium-Voltage Arc Flash in Switchgear and Live-Front Transformers. IEEE Transactions on Industry Applications, 2016, 52, 5280-5288.	3.3	4
123	ARC flash pressure measurement system design. , 2016, , .		1
124	Reliability assessment of automated substation and functional integration. , 2016, , .		7
125	DC Arc Model Based on 3-D DC Arc Simulation. IEEE Transactions on Industry Applications, 2016, 52, 5255-5261.	3.3	23
126	Stochastic Optimal Operation of Microgrid Based on Chaotic Binary Particle Swarm Optimization. IEEE Transactions on Smart Grid, 2016, 7, 66-73.	6.2	198

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127	Pilot-Bus-Centered Automatic Voltage Control With High Penetration Level of Wind Generation. IEEE Transactions on Industry Applications, 2016, 52, 1962-1969.	3.3	25
128	A Linear Program for System-Level Control of Regional PHEV Charging Stations. IEEE Transactions on Industry Applications, 2016, 52, 2046-2052.	3.3	23
129	Dynamic Equivalent Model Development to Improve the Operation Efficiency of Wind Farm. IEEE Transactions on Industry Applications, 2016, 52, 2759-2767.	3.3	43
130	A Bi-Level Program for the Planning of an Islanded Microgrid Including CAES. IEEE Transactions on Industry Applications, 2016, 52, 2768-2777.	3.3	92
131	Electrical Safety, Electrical Hazards, and the 2018 NFPA 70E: Time to Update Annex K?. IEEE Transactions on Industry Applications, 2015, 51, 2709-2716.	3.3	15
132	A Coordination Control Strategy of Voltage-Source-Converter-Based MTDC for Offshore Wind Farms. IEEE Transactions on Industry Applications, 2015, 51, 2743-2752.	3.3	88
133	Elimination of System-Induced Torque Pulsations in Doubly-Fed Induction Generators Via Field Reconstruction Method. IEEE Transactions on Energy Conversion, 2015, 30, 1228-1236.	3.7	8
134	Medium-term Operation for an Industrial Customer Considering Demand Side Management and Risk Management. IEEE Transactions on Industry Applications, 2015, , 1-1.	3.3	8
135	Redeveloping the 2018 NFPA 70E Annex K and contemplating beyond. , 2015, , .		4
136	A linear program for system level control of regional PHEV charging stations. , 2015, , .		3
137	Arc Flash Light Intensity Measurement System Design. IEEE Transactions on Industry Applications, 2015, 51, 4267-4274.	3.3	11
138	A bi-level program for the planning of an islanded microgrid including CAES. , 2015, , .		7
139	Novel Hybrid Market Price Forecasting Method With Data Clustering Techniques for EV Charging Station Application. IEEE Transactions on Industry Applications, 2015, 51, 1987-1996.	3.3	33
140	Coordinated Control Strategy of Wind Turbine Generator and Energy Storage Equipment for Frequency Support. IEEE Transactions on Industry Applications, 2015, 51, 2732-2742.	3.3	203
141	A Review of Commonly Used DC Arc Models. IEEE Transactions on Industry Applications, 2015, 51, 1398-1407.	3.3	55
142	Direct Load Control in Microgrids to Enhance the Performance of Integrated Resources Planning. IEEE Transactions on Industry Applications, 2015, 51, 3553-3560.	3.3	52
143	Dynamic equivalent model development to improve the operation efficiency of wind farm. , 2015, , .		15
144	A stochastic microgrid operation scheme to balance between system reliability and greenhouse gas emission. , 2015, , .		9

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145	Electrical substation automation system modernization through the adoption of IEC61850. , 2015, , .		5
146	A Stochastic Microgrid Operation Scheme to Balance between System Reliability and Greenhouse Gas Emission. IEEE Transactions on Industry Applications, 2015, , 1-1.	3.3	23
147	Medium-term operation for an industrial customer considering demand side management and risk management. , 2015, , .		2
148	“Arc Flash” Hazards, Incident Energy, PPE Ratings, and Thermal Burn Injury” A Deeper Look. IEEE Transactions on Industry Applications, 2015, 51, 4275-4283.	3.3	11
149	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.	6.2	388
150	Design and Active Control of a Microgrid Testbed. IEEE Transactions on Smart Grid, 2015, 6, 73-81.	6.2	43
151	Stochastic Resource Planning Strategy to Improve the Efficiency of Microgrid Operation. IEEE Transactions on Industry Applications, 2015, 51, 1978-1986.	3.3	45
152	Financial opportunities for LSE under scarcity price environment. , 2014, , .		2
153	Novel hybrid market price forecasting method with data clustering techniques for EV charging station application. , 2014, , .		3
154	Electronic power transformer to secure the power supply of a mission critical microgrid. , 2014, , .		3
155	A coordination control strategy of voltage source converter based MTDC for offshore wind farms. , 2014, , .		3
156	One Parametric Approach for Short-Term JPDF Forecast of Wind Generation. IEEE Transactions on Industry Applications, 2014, 50, 2837-2843.	3.3	26
157	Using a Microgrid test bed to evaluate the strategies for seamless renewable energy integration. , 2014, , .		3
158	Study of the Effects of Smart Meter RF Transmissions on GFCI Outlets. IEEE Transactions on Electromagnetic Compatibility, 2014, 56, 1361-1369.	1.4	7
159	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.	6.2	147
160	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.	3.3	29
161	Power-Spectrum-Based Wavelet Transform for Nonintrusive Demand Monitoring and Load Identification. IEEE Transactions on Industry Applications, 2014, 50, 2081-2089.	3.3	154
162	Dynamic formulation and approximation methods to solve economic dispatch problems. IET Generation, Transmission and Distribution, 2013, 7, 866-873.	1.4	16

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163	Wind and PV hybrid renewable system dispatch using battery energy storage. , 2013, , .		6
164	Development of Frequency Variable Inverter Based on SOPC and Nios II. IEEE Transactions on Industry Applications, 2013, 49, 2237-2243.	3.3	5
165	One parametric approach for short-term JPDF forecast of wind generation. , 2013, , .		4
166	An autonomous operation microgrid for rural electrification. , 2013, , .		13
167	Particle-Swarm-Optimization-Based Nonintrusive Demand Monitoring and Load Identification in Smart Meters. IEEE Transactions on Industry Applications, 2013, 49, 2229-2236.	3.3	95
168	Financial opportunities by implementing renewable sources and storage devices for households under ERCOT demand response programs design. , 2013, , .		2
169	The impact of power quality when high power pulsed DC and continuous AC loads are simultaneously operated on a MicroGrid testbed. , 2013, , .		4
170	Probabilistic Short-Term Wind Power Forecast Using Componential Sparse Bayesian Learning. IEEE Transactions on Industry Applications, 2013, 49, 2783-2792.	3.3	73
171	An integrated three-level transformer condition assessment model based on optimal weights and uncertainty theory. , 2013, , .		3
172	Weighted parallel algorithm to improve the performance of short-term wind power forecasting. , 2012, , .		1
173	IEEE/NFPA Collaboration on Arc Flash Phenomena Research Project. IEEE Power and Energy Magazine, 2012, 10, 116-123.	1.6	18
174	A New Measurement Method for Power Signatures of Nonintrusive Demand Monitoring and Load Identification. IEEE Transactions on Industry Applications, 2012, 48, 764-771.	3.3	163
175	A Survey of Harmonic Emissions of a Commercially Operated Wind Farm. IEEE Transactions on Industry Applications, 2012, 48, 1115-1123.	3.3	48
176	Evaluating the use of a MicroGrid as a power solution for Africa's rural areas. , 2012, , .		7
177	Control and simulation of grid-connected micro-grid. , 2012, , .		4
178	Probabilistic short-term wind power forecast using componential Sparse Bayesian Learning. , 2012, , .		2
179	Development of frequency variable inverter based on SOPC and Nios II. , 2012, , .		2
180	Design optimization of PHEV charging station. , 2012, , .		10

#	ARTICLE	IF	CITATIONS
181	An AMI based measurement and control system in smart distribution grid. , 2011, , .		13
182	Load model development for next generation appliances. , 2011, , .		17
183	Using coreless hall effect sensor for accurate current measurement in ZigBee based wireless sensor network. , 2011, , .		9
184	PEM fuel cell and battery hybrid power supply system design based on fuel flow rate control. , 2011, , .		6
185	Developing important renewable energies in Thailand. , 2011, , .		5
186	A Study on Mode-Switching Control of TCSC Based on Conditional Firing of Thyristor. IEEE Transactions on Power Delivery, 2011, 26, 1196-1202.	2.9	11
187	Hydrogen Filling Station Design for Fuel Cell Vehicles. IEEE Transactions on Industry Applications, 2011, 47, 245-251.	3.3	44
188	Optimal pulse width modulation for current source converter based static exciter. , 2011, , .		0
189	Parameter identification for an industrial plant with in-house generators. , 2011, , .		0
190	Dynamic parameter identification of generators for smart grid development. , 2011, , .		7
191	Detection and Severity Classification of Rotor Imbalance Faults in Induction Machines. , 2010, , .		1
192	Theoretical and Experimental Investigation of Dual-impedance Phenomenon in Thyristor-controlled Series Capacitor. Electric Power Components and Systems, 2010, 38, 918-936.	1.0	4
193	Wireless health monitoring system for vibration detection of induction motors. , 2010, , .		31
194	Performance analysis of a large-scale hybrid offshore wind and marine-current farm connected to a power grid via an HVDC link. , 2010, , .		3
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