Kaicheng Li

List of Publications by Year
in descending order

26 papers	545 citations	759233 12 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	616 citing authors

#	Article	IF	Citations
1	A Real-Time Power Quality Disturbances Classification Using Hybrid Method Based on S-Transform and Dynamics. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 2465-2475.	4.7	131
2	Novel Method Based on Variational Mode Decomposition and a Random Discriminative Projection Extreme Learning Machine for Multiple Power Quality Disturbance Recognition. IEEE Transactions on Industrial Informatics, 2019, 15, 2915-2926.	11.3	62
3	Three-Layer Bayesian Network for Classification of Complex Power Quality Disturbances. IEEE Transactions on Industrial Informatics, 2018, 14, 3997-4006.	11.3	56
4	A High Efficient Compression Method for Power Quality Applications. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 1976-1985.	4.7	34
5	Enhanced Moth-flame Optimization Based on Cultural Learning and Gaussian Mutation. Journal of Bionic Engineering, 2018, 15, 751-763.	5.0	34
6	An Interactive Decision-Making Model Based on Energy and Reserve for Electric Vehicles and Power Grid Using Generalized Stackelberg Game. IEEE Transactions on Industry Applications, 2019, 55, 3301-3309.	4.9	28
7	A Carrier-Based Modulation Scheme to Reduce the Third Harmonic Component of Common-Mode Voltage in a Three-Phase Inverter Under High DC Voltage Utilization. IEEE Transactions on Industrial Electronics, 2018, 65, 1931-1940.	7.9	26
8	Day-Ahead Coordinated Scheduling of Hydro and Wind Power Generation System Considering Uncertainties. IEEE Transactions on Industry Applications, 2019, 55, 2368-2377.	4.9	24
9	A New Transient Power Quality Disturbances Detection Using Strong Trace Filter. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 2863-2871.	4.7	23
10	A High Efficient Approach for Power Disturbance Waveform Compression in the View of Heisenberg Uncertainty. IEEE Transactions on Industrial Informatics, 2019, 15, 2580-2591.	11.3	18
11	Classification of power quality disturbances using dual strong tracking filters and rule-based extreme learning machine. International Transactions on Electrical Energy Systems, 2018, 28, e2560.	1.9	16
12	A Power Quality Monitoring System over the Internet. , 2009, , .		13
13	Multi-Label Classification for Power Quality Disturbances by Integrated Deep Learning. IEEE Access, 2021, 9, 152250-152260.	4.2	13
14	Flexible Scheduling of Microgrid With Uncertainties Considering Expectation and Robustness. IEEE Transactions on Industry Applications, 2018, 54, 3009-3018.	4.9	12
15	Suppressing EMI Peaks Through Auto-Screening Carrier Phase-Shift Scheme in a PV System Composed of Parallel Single-Phase Inverters. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 82-89.	2.2	8
16	Eliminating Common-Mode Voltage Spikes Caused by Dead-Time Effect in Three-Phase Inverters Through Symmetrical Rotation Reverse Carriers. IEEE Transactions on Power Electronics, 2021, 36, 6056-6067.	7.9	8
17	DSP-FPGA based real-time power quality disturbances classifier. , 2010, , .		7
18	Suppression of commonâ€mode voltage spectral peaks by using rotation reverse carriers in sinusoidal pulse width modulation threeâ€phase inverters with CFM. IET Power Electronics, 2020, 13, 1246-1256.	2.1	7

#	Article	IF	Citations
19	Power Quality Disturbances Recognition Using Modified S-Transform Based on Optimally Concentrated Window with Integration of Renewable Energy. Sustainability, 2021, 13, 9868.	3.2	7
20	An Improved Particle Filtering Algorithm Using Different Correlation Coefficients for Nonlinear System State Estimation. Big Data, 2019, 7, 114-120.	3.4	6
21	Suppressing the Maximum EMI Spectral Peak Through Asynchronous Carriers in the Three-Phase Inverter With the Periodic CFM. IEEE Transactions on Power Electronics, 2022, 37, 3702-3707.	7.9	5
22	An interactive decision making model based on energy and reserve for electric vehicles and power grid using generalized Stackelberg game. , 2018, , .		3
23	Research on Renewable Energy Planning Considering the Flexible Region of the Microgrid. Applied Sciences (Switzerland), 2020, 10, 7544.	2.5	2
24	The Design of Power Quality Calibrator based on FPGA. , 2020, , .		2
25	Correction to â€A New Transient Power Quality Disturbances Detection Using Strong Trace Filterâ€• [Dec 14 2863-2871]. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 834-834.	4.7	0
26	A Novel Approach for Searching the Upper/Lower Bounds of Uncertainty Parameters in Microgrids. Energies, 2018, 11, 1035.	3.1	0