Lei Kou

List of Publications by Year
in descending order

25 papers	282 citations	8 h-index (1162367)
		16 g-index (940134)
26 all docs	26 docs citations	26 times ranked
		108 citing authors

#	Article	IF	Citations
1	Experimental Study on the Influence of Flexible Control on Key Parameters in Reverse Osmosis Desalination. IEEE Access, 2022, 10, 4844-4860.	2.6	4
2	Deep Reinforcement Learning Microgrid Optimization Strategy Considering Priority Flexible Demand Side. Sensors, 2022, 22, 2256.	2.1	12
3	Review on Monitoring, Operation and Maintenance of Smart Offshore Wind Farms. Sensors, 2022, 22, 2822.	2.1	45
4	Static and Dynamic Analysis of 6-DOF Quasi-Zero-Stiffness Vibration Isolation Platform Based on Leaf Spring Structure. Mathematics, 2022, 10, 1342.	1.1	3
5	Multi-Source Data Processing and Fusion Method for Power Distribution Internet of Things Based on Edge Intelligence. Frontiers in Energy Research, 2022, 10, .	1.2	7
6	Review on Evolution of Intelligent Algorithms for Transformer Condition Assessment. Frontiers in Energy Research, 2022, 10, .	1.2	10
7	Human Alertness Optimization with a Three-Process Dynamic Model. Mathematics, 2022, 10, 1916.	1.1	1
8	A Random Forest and Current Fault Texture Feature–Based Method for Current Sensor Fault Diagnosis in Three-Phase PWM VSR. Frontiers in Energy Research, 2021, 9, .	1.2	5
9	A survey on the development status and application prospects of knowledge graph in smart grids. IET Generation, Transmission and Distribution, 2021, 15, 383-407.	1.4	45
10	Signals Recognition of Underwater Acoustic Communication based on Artificial Neural Network and Signal Feature Extraction. , 2021, , .		2
11	Design of Communication System of Underwater Hybrid Voice Communication System. , 2021, , .		1
12	Low-power Dolphin Sound-triggered Underwater Acoustic Recorder Based on Energy Spectrum and Cross-correlation Analysis. , 2021, , .		0
13	Real-Time Closed-Loop Detection Method of vSLAM Based on a Dynamic Siamese Network. Sensors, 2021, 21, 7612.	2.1	4
14	Howling Detection and Suppression Based on Segmented Notch Filtering. Sensors, 2021, 21, 8062.	2.1	2
15	A New Synchronization Method for Time-Delay Fractional Complex Chaotic System and Its Application. Mathematics, 2021, 9, 3305.	1.1	2
16	A novel IGBT open-circuit protection method for three-phase PWM rectifier. International Journal of Wireless and Mobile Computing, 2020, 18, 71.	0.1	0
17	An Intelligent Fault Diagnosis Method for Open-Circuit Faults in Power-Electronics Energy Conversion System. IEEE Access, 2020, 8, 221039-221050.	2.6	6
18	Fault diagnosis for open-circuit faults in NPC inverter based on knowledge-driven and data-driven approaches. IET Power Electronics, 2020, 13, 1236-1245.	1.5	56

#	Article	IF	Citations
19	Fault diagnosis for three-phase PWM rectifier based on deep feedforward network with transient synthetic features. ISA Transactions, 2020, 101, 399-407.	3.1	21
20	Fault Diagnosis for Power Electronics Converters based on Deep Feedforward Network and Wavelet Compression. Electric Power Systems Research, 2020, 185, 106370.	2.1	23
21	Data–driven design of fault diagnosis for three–phase PWM rectifier using random forests technique with transient synthetic features. IET Power Electronics, 2020, 13, 3571-3579.	1.5	16
22	A Novel Wind Energy Conversion System with DFIG DC-Side Connected to SST for Medium-Voltage DC Grid Integration. , 2020, , .		0
23	Fault Diagnosis for Power Converters based on Random Forests and Feature Transformation. , 2020, , .		4
24	Knowledge-based and Data-driven Approach based Fault Diagnosis for Power-Electronics Energy Conversion System. , 2019, , .		3
25	Analysis of wind farm output characteristics based on descriptive statistical analysis and envelope domain. Energy, 2019, 170, 580-591.	4.5	9