

Tiezhou Wu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

560
citations

758635

12
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium-ion battery state of health estimation using the incremental capacity and wavelet neural networks with genetic algorithm. <i>Journal of Energy Storage</i> , 2021, 38, 102570.	3.9	89
2	A Capacity Configuration Control Strategy to Alleviate Power Fluctuation of Hybrid Energy Storage System Based on Improved Particle Swarm Optimization. <i>Energies</i> , 2019, 12, 642.	1.6	86
3	Hybrid Model Predictive Control Strategy of Supercapacitor Energy Storage System Based on Double Active Bridge. <i>Energies</i> , 2019, 12, 2134.	1.6	63
4	Self-reconfiguration batteries with stable voltage during the full cycle without the DC-DC converter. <i>Journal of Energy Storage</i> , 2020, 28, 101213.	3.9	57
5	Coordinated control strategy of DC microgrid with hybrid energy storage system to smooth power output fluctuation. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 46-54.	1.2	50
6	Voltage-SOC balancing control scheme for series-connected lithium-ion battery packs. <i>Journal of Energy Storage</i> , 2019, 25, 100895.	3.9	42
7	Bidirectional Short-Circuit Current Blocker for DC Microgrid Based on Solid-State Circuit Breaker. <i>Electronics (Switzerland)</i> , 2020, 9, 306.	1.8	39
8	A Study on Use of Hybrid Energy Storage System Along With Variable Filter Time Constant to Smooth DC Power Fluctuation in Microgrid. <i>IEEE Access</i> , 2019, 7, 175377-175385.	2.6	26
9	Reconfigurable equilibrium circuit with additional power supply. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 106-111.	1.2	25
10	Research on equalization strategy of lithium-ion batteries based on fuzzy logic control. <i>Journal of Energy Storage</i> , 2021, 40, 102722.	3.9	24
11	Efficient and Fast Active Equalization Method for Retired Battery Pack Using Wide Voltage Range Bidirectional Converter and DBSCAN Clustering Algorithm. <i>IEEE Transactions on Power Electronics</i> , 2022, 37, 13824-13833.	5.4	19
12	Application of PID optimization control strategy based on particle swarm optimization (PSO) for battery charging system. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 528-535.	1.2	14
13	Power Distribution Strategy of Microgrid Hybrid Energy Storage System Based on Improved Hierarchical Control. <i>Energies</i> , 2019, 12, 3498.	1.6	9
14	Joint estimation of state of charge and state of health of lithium-ion battery based on fractional order model. <i>Journal of Power Electronics</i> , 2022, 22, 318-330.	0.9	7
15	Growth and characterization of Cr-doped semi-insulating GaN templates prepared by radio-frequency plasma-assisted molecular beam epitaxy. <i>Journal of Crystal Growth</i> , 2012, 353, 162-167.	0.7	6
16	Research on variable parameter power differential charge/discharge strategy of energy storage system in isolated island operating microgrid. <i>International Journal of Low-Carbon Technologies</i> , 2021, 16, 635-642.	1.2	2
17	Research on current limiting solid state circuit breaker for DC microgrid. <i>Electric Power Systems Research</i> , 2022, 209, 107950.	2.1	2