

Xiaojia Su

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/53658/publications.pdf>

Version: 2024-02-01

8
papers

200
citations

1478505

6
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	An optimal internal-heating strategy for lithium-ion batteries at low temperature considering both heating time and lifetime reduction. <i>Applied Energy</i> , 2019, 256, 113797.	10.1	78
2	A modified-electrochemical impedance spectroscopy-based multi-time-scale fractional-order model for lithium-ion batteries. <i>Electrochimica Acta</i> , 2021, 394, 139066.	5.2	46
3	Quantitative Analysis of Performance Decrease and Fast-Charging Limitation for Lithium-Ion Batteries at Low Temperature Based on the Electrochemical Model. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 640-650.	8.0	24
4	Study of Parameters Identification Method of Li-Ion Battery Model for EV Power Profile Based on Transient Characteristics Data. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 661-672.	8.0	20
5	Multi-time scale variable-order equivalent circuit model for virtual battery considering initial polarization condition of lithium-ion battery. <i>Energy</i> , 2022, 244, 123084.	8.8	18
6	Optimal external heating resistance enabling rapid compound self-heating for lithium-ion batteries at low temperatures. <i>Applied Thermal Engineering</i> , 2022, 200, 117536.	6.0	14
7	Study on available energy estimation of LFP battery based on increment energy curve. , 2019, , .		0
8	Study on the evolution of equivalent impedance parameters for lithium-ion batteries under combined AC-DC conditions. , 2019, , .		0