

Xiangdong Kong

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

441
citations

933264

10
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault diagnosis and quantitative analysis of micro-short circuits for lithium-ion batteries in battery packs. <i>Journal of Power Sources</i> , 2018, 395, 358-368.	4.0	105
2	Pseudo-two-dimensional model and impedance diagnosis of micro internal short circuit in lithium-ion cells. <i>Journal of Energy Storage</i> , 2020, 27, 101085.	3.9	93
3	Real-time diagnosis of micro-short circuit for Li-ion batteries utilizing low-pass filters. <i>Energy</i> , 2019, 166, 1013-1024.	4.5	53
4	Online detection of early stage internal short circuits in series-connected lithium-ion battery packs based on state-of-charge correlation. <i>Journal of Energy Storage</i> , 2020, 30, 101514.	3.9	53
5	Foreign matter defect battery and sudden spontaneous combustion. <i>ETransportation</i> , 2022, 12, 100170.	6.8	34
6	Signal synchronization for massive data storage in modular battery management system with controller area network. <i>Applied Energy</i> , 2017, 197, 52-62.	5.1	24
7	A comprehensive research on internal short circuits caused by copper particle contaminants on cathode in lithium-ion batteries. <i>ETransportation</i> , 2022, 13, 100183.	6.8	19
8	A fast capacity estimation method based on open circuit voltage estimation for $\text{LiNi}_x\text{Co}_y\text{Mn}_{1-x-y}$ battery assessing in electric vehicles. <i>Journal of Energy Storage</i> , 2020, 32, 101830.	3.9	18
9	Extreme Learning Machine Using Bat Optimization Algorithm for Estimating State of Health of Lithium-Ion Batteries. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1398.	1.3	17
10	An Exact Closed-Form Impedance Model for Porous-Electrode Lithium-Ion Cells. <i>Journal of the Electrochemical Society</i> , 2020, 167, 013539.	1.3	15
11	Online SoC Estimation of Lithium-Ion Batteries Using a New Sigma Points Kalman Filter. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11797.	1.3	7
12	Dynamic Response Analysis and Structure Optimization of GDI Injector based on Mathematical Model. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2018, 25, 1850008.	0.4	3