

Xiangdong Kong

List of Publications by Year in descending order

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12
papers

441
citations

933264

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1199470

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12
docs citations

12
times ranked

293
citing authors

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