

Lijun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

723
citations

933410

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1199563

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docs citations

12
times ranked

725
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on the Thermal Characteristics of an 18650 Lithium-Ion Battery Based on an Electrochemical-Thermal Flow Coupling Model. <i>World Electric Vehicle Journal</i> , 2021, 12, 250.	3.0	11
2	Parameter Identification and State Estimation of Lithium-Ion Batteries for Electric Vehicles with Vibration and Temperature Dynamics. <i>World Electric Vehicle Journal</i> , 2020, 11, 50.	3.0	17
3	Review of Battery Cell Balancing Methodologies for Optimizing Battery Pack Performance in Electric Vehicles. <i>IEEE Access</i> , 2019, 7, 129335-129352.	4.2	165
4	Design and synthesis of a 2-hydroxy-1-naphthaldehyde -based fluorescent chemosensor for selective detection of aluminium ion. <i>Inorganica Chimica Acta</i> , 2018, 478, 112-117.	2.4	19
5	Remaining Useful Life Prediction for Lithium-Ion Batteries Based on Exponential Model and Particle Filter. <i>IEEE Access</i> , 2018, 6, 17729-17740.	4.2	164
6	The fluorescent property of 3-[(2-hydroxy-1-naphthyl) methylideneamino]benzoic acid and its application as fluorescent chemosensor for Hg ²⁺ and Al ³⁺ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 1-7.	3.9	19
7	Coupling Analysis and Performance Study of Commercial 18650 Lithium-Ion Batteries under Conditions of Temperature and Vibration. <i>Energies</i> , 2018, 11, 2856.	3.1	24
8	Ice Detection Model of Wind Turbine Blades Based on Random Forest Classifier. <i>Energies</i> , 2018, 11, 2548.	3.1	44
9	Research on Degeneration Model of Neural Network for Deep Groove Ball Bearing Based on Feature Fusion. <i>Algorithms</i> , 2018, 11, 21.	2.1	7
10	Review on Health Management System for Lithium-Ion Batteries of Electric Vehicles. <i>Electronics (Switzerland)</i> , 2018, 7, 72.	3.1	67
11	Comparative Research on RC Equivalent Circuit Models for Lithium-Ion Batteries of Electric Vehicles. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1002.	2.5	151
12	Effects of Vibration on the Electrical Performance of Lithium-Ion Cells Based on Mathematical Statistics. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 802.	2.5	35