

Xiaoping Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2068972/publications.pdf>

Version: 2024-02-01

12
papers

99
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on the dynamic behavior of prismatic lithium-ion battery upon repeated impact. <i>Engineering Failure Analysis</i> , 2020, 115, 104667.	4.0	30
2	Dynamic behavior and modeling of prismatic lithium-ion battery. <i>International Journal of Energy Research</i> , 2020, 44, 2984-2997.	4.5	20
3	Component HCF Research Based on the Theory of Critical Distance and a Relative Stress Gradient Modification. <i>PLoS ONE</i> , 2016, 11, e0167722.	2.5	10
4	Dynamic mechanical behavior of prismatic lithium-ion battery upon impact. <i>International Journal of Energy Research</i> , 2019, 43, 7421.	4.5	10
5	Coupled effects of charge-discharge cycles and rates on the mechanical behavior of electrodes in lithium-ion batteries. <i>Journal of Energy Storage</i> , 2020, 30, 101577.	8.1	10
6	Effects of Minor Mechanical Deformation on the Lifetime and Performance of Commercial 21700 lithium-Ion Battery. <i>Journal of the Electrochemical Society</i> , 2022, 169, 060544.	2.9	7
7	Aging Mechanisms and Thermal Characteristics of Commercial 18650 Lithium-Ion Battery Induced by Minor Mechanical Deformation. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2021, 18, .	2.1	3
8	Research on Mechanical Simulation Model and Working Safety Boundary of Large-Capacity Prismatic Lithium-Ion Battery Based on Experiment. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2022, 19, .	2.1	3
9	Investigation of Mechanical Integrity of Prismatic Lithium-Ion Batteries With Various State of Charge. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2021, 18, .	2.1	2
10	A Novel Heat Generation Acquisition Method of Cylindrical Battery Based on Core and Surface Temperature Measurements. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2022, 19, .	2.1	2
11	Emcoating Architecture Construction via CO ₂ /H ₂ Coupling Treatment Doubles Reversible Capacity of NbO ₂ /C Anode. <i>ChemSusChem</i> , 2022, 15, .	6.8	2
12	Investigation of the Mechanical Integrity of Prismatic Li-Ion Batteries Under Multi-Position Indentation. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2021, 18, .	2.1	0