

# Xiaoping Chen

## List of Publications by Year in descending order

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

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12  
papers

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citations

1478505

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1372567

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docs citations

12  
times ranked

59  
citing authors

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