

# Chao Luo

## List of Publications by Year in descending order

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18  
papers

776  
citations

840776

11  
h-index

940533

16  
g-index

18  
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18  
docs citations

18  
times ranked

1117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption behavior of MnO <sub>2</sub> functionalized multi-walled carbon nanotubes for the removal of cadmium from aqueous solutions. <i>Chemical Engineering Journal</i> , 2013, 225, 406-415.	12.7	159
2	Lithiophilic Zn Sites in Porous CuZn Alloy Induced Uniform Li Nucleation and Dendrite-free Li Metal Deposition. <i>Nano Letters</i> , 2020, 20, 2724-2732.	9.1	134
3	Strategies in Structure and Electrolyte Design for High-Performance Lithium Metal Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2009694.	14.9	122
4	Hierarchically structured polyacrylonitrile nanofiber mat as highly efficient lead adsorbent for water treatment. <i>Chemical Engineering Journal</i> , 2015, 262, 775-784.	12.7	78
5	Novel Lignin-Derived Water-Soluble Binder for Micro Silicon Anode in Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12621-12629.	6.7	68
6	Mechanism study of selective heavy metal ion removal with polypyrrole-functionalized polyacrylonitrile nanofiber mats. <i>Applied Surface Science</i> , 2014, 316, 245-250.	6.1	54
7	One-pot preparation of polyimide/Fe <sub>3</sub> O <sub>4</sub> magnetic nanofibers with solvent resistant properties. <i>Composites Science and Technology</i> , 2016, 133, 97-103.	7.8	41
8	Lignin derived Si@C composite as a high performance anode material for lithium ion batteries. <i>Solid State Ionics</i> , 2018, 319, 77-82.	2.7	29
9	Layer-by-Layer Surface Molecular Imprinting on Polyacrylonitrile Nanofiber Mats. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6661-6667.	2.5	28
10	Lignin-Derived Nitrogen-Doped Porous Carbon as a High-Rate Anode Material for Sodium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2019, 166, A423-A428.	2.9	24
11	Exploiting Pulping Waste as an Ecofriendly Multifunctional Binder for Lithium Sulfur Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8413-8418.	6.7	21
12	A Four-Armed Polyacrylic Acid Homopolymer Binder with Enhanced Performance for SiO <sub>2</sub> /Graphite Anode. <i>Macromolecular Materials and Engineering</i> , 2021, 306, .	3.6	8
13	Heat-transfer characteristics of ammonia-water falling film generation outside a vertical tube. <i>Thermal Science</i> , 2017, 21, 1251-1259.	1.1	3
14	Factors Controlling Shale Reservoirs and Development Potential Evaluation: A Case Study. <i>Geofluids</i> , 2021, 2021, 1-13.	0.7	2
15	Design and experimental research on the combined flash-binary geothermal power generation system driven by low-medium temperature geothermal system. <i>Thermal Science</i> , 2020, 24, 831-842.	1.1	2
16	The case study of binary power plant based on thermoeconomics in Sichuan, China. <i>Thermal Science</i> , 2018, 22, 1003-1014.	1.1	2
17	Scalability Support for SMI-S with Chord. , 2008, , .		1
18	Thermo-economic simulation of four power generations based on genetic algorithm. <i>Thermal Science</i> , 2022, 26, 3255-3269.	1.1	0