

# Chunming Zheng

## List of Publications by Year in descending order

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39  
papers

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361413  
20  
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302126  
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docs citations

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times ranked

2206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-supported cobalt nanoparticles used to activate SiO <sub>2</sub> -based anode for lithium-ion batteries. Chinese Chemical Letters, 2023, 34, 107305.	9.0	7
2	LaPO <sub>4</sub> coating on alumina-based fiber: Strength retention of fiber and improvement of interfacial performances. Ceramics International, 2022, 48, 7836-7849.	4.8	2
3	Direct ink writing of dense alumina ceramics prepared by rapid sintering. Ceramics International, 2022, 48, 30767-30778.	4.8	5
4	ZnSe nanoparticles combined with uniform 3D interconnected MWCNTs conductive network as high-rate and freeze-resistant anode materials for sodium-ion batteries. Applied Surface Science, 2021, 538, 148194.	6.1	23
5	Efficient, continuous <i>N</i> -Boc deprotection of amines using solid acid catalysts. Reaction Chemistry and Engineering, 2021, 6, 279-288.	3.7	6
6	A review of the research progress on the interface between oxide fiber and oxide ceramic matrix. Ceramics International, 2021, 47, 5896-5908.	4.8	20
7	Few-layered MoS <sub>2</sub> with expanded interplanar spacing strongly encapsulated inside compact carbon spheres by C-S interaction as ultra-stable sodium-ion batteries anode. Journal of Alloys and Compounds, 2021, 858, 157675.	5.5	16
8	Dense ceramics with complex shape fabricated by 3D printing: A review. Journal of Advanced Ceramics, 2021, 10, 195-218.	17.4	113
9	Covalent Coupling-Stabilized Transition-Metal Sulfide/Carbon Nanotube Composites for Lithium/Sodium-Ion Batteries. ACS Nano, 2021, 15, 6735-6746.	14.6	95
10	Li <sup>+</sup> /Na <sup>+</sup> Redox Enhanced Sodium Metal Batteries by Using Graphene Oxide Encapsulated Mesoporous Carbon Sphere Cathode. Advanced Functional Materials, 2021, 31, 2101637.	14.9	4
11	Recent progress in rate and cycling performance modifications of vanadium oxides cathode for lithium-ion batteries. Journal of Energy Chemistry, 2021, 59, 343-363.	12.9	52
12	Carbon-doped surface unsaturated sulfur enriched CoS <sub>2</sub> @rGO aerogel pseudocapacitive anode and biomass-derived porous carbon cathode for advanced lithium-ion capacitors. Frontiers of Chemical Science and Engineering, 2021, 15, 1500-1513.	4.4	3
13	Strength degradation of alumina fiber: Irreversible phase transition after high-temperature treatment. Ceramics International, 2021, 47, 24582-24588.	4.8	6
14	MnS hollow microspheres combined with carbon nanotubes for enhanced performance sodium-ion battery anode. Chinese Chemical Letters, 2020, 31, 1221-1225.	9.0	49
15	Nitrogen-Doped graphene coated FeS <sub>2</sub> microsphere composite as high-performance anode materials for sodium-ion batteries enhanced by the chemical and structural synergistic effect. Applied Surface Science, 2020, 505, 144633.	6.1	18
16	Review on comprehending and enhancing the initial Coulombic efficiency of anode materials in lithium-ion/sodium-ion batteries. Nano Energy, 2020, 77, 105143.	16.0	282
17	Novel MoS <sub>2</sub> /C nanosheets as excellent piezocatalyst for degradation of imidacloprid with ultralow dosage. Materials Letters, 2020, 272, 127800.	2.6	8
18	One-Pot Hydrothermal Synthesis of ZnS Nanospheres Anchored on 3D Conductive MWCNTs Networks as High-Rate and Cold-Resistant Anode Materials for Sodium-Ion Batteries. ChemElectroChem, 2020, 7, 1904-1913.	3.4	23

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19	SnS <sub>2</sub> quantum dots uniformly anchored on dispersed S-doped graphene as high-rate anodes for sodium-ion batteries. <i>Ceramics International</i> , 2020, 46, 14416-14424.	4.8	27
20	Controllable synthesis of tunable few-layered MoS <sub>2</sub> chemically bonding with in situ conversion nitrogen-doped carbon for ultrafast reversible sodium and potassium storage. <i>Chemical Engineering Journal</i> , 2020, 393, 124703.	12.7	42
21	A facile synthesis of nitrogen-doped hierarchical porous carbon with hollow sphere structure for high-performance supercapacitors. <i>Journal of Materials Science</i> , 2019, 54, 12747-12757.	3.7	12
22	Large-scale synthesis of nitrogen-rich hierarchically porous carbon as anode for lithium-ion batteries with high capacity and rate capability. <i>Electrochimica Acta</i> , 2019, 306, 339-349.	5.2	26
23	Enhanced Selective Production of Arenes and Regenerating Rate in Aryl Ether Hydrogenolysis over Mesoporous Nickel in Plug-Flow Reactors. <i>Catalysts</i> , 2019, 9, 904.	3.5	1
24	Nitrogen-rich hierarchically porous carbon as a high-rate anode material with ultra-stable cyclability and high capacity for capacitive sodium-ion batteries. <i>Nano Energy</i> , 2019, 56, 828-839.	16.0	237
25	A Simple One-Pot Strategy for Synthesizing Ultrafine SnS <sub>2</sub> Nanoparticle/Graphene Composites as Anodes for Lithium/Sodium-Ion Batteries. <i>ChemSusChem</i> , 2018, 11, 1549-1557.	6.8	63
26	High-rate FeS <sub>2</sub> /CNT neural network nanostructure composite anodes for stable, high-capacity sodium-ion batteries. <i>Nano Energy</i> , 2018, 46, 117-127.	16.0	200
27	Highly reversible and fast sodium storage boosted by improved interfacial and surface charge transfer derived from the synergistic effect of heterostructures and pseudocapacitance in SnO <sub>2</sub> -based anodes. <i>Nanoscale</i> , 2018, 10, 2301-2309.	5.6	40
28	Enhanced electrochemical performance of SnS nanoparticles/CNTs composite as anode material for sodium-ion battery. <i>Chinese Chemical Letters</i> , 2018, 29, 187-190.	9.0	52
29	Fabrication of porous carbon sphere@SnO <sub>2</sub> @carbon layer coating composite as high performance anode for sodium-ion batteries. <i>Applied Surface Science</i> , 2018, 433, 713-722.	6.1	24
30	Mesoporous Graphitic Carbon-Encapsulated Fe <sub>2</sub> O <sub>3</sub> Nanocomposite as High-Rate Anode Material for Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2018, 24, 14786-14793.	3.3	29
31	Large-scale and template-free synthesis of hierarchically porous MnCo <sub>2</sub> O <sub>4.5</sub> as anode material for lithium-ion batteries with enhanced electrochemical performance. <i>Journal of Materials Science</i> , 2017, 52, 5268-5282.	3.7	23
32	Perchlorate ion doped polypyrrole coated ZnS sphere composites as a sodium-ion battery anode with superior rate capability enhanced by pseudocapacitance. <i>RSC Advances</i> , 2017, 7, 43636-43641.	3.6	27
33	Treatment of dye wastewater nanofiltration concentrates containing high anion levels by a pH-sensitive nano-sized Fe@silica microgel. <i>New Journal of Chemistry</i> , 2017, 41, 15357-15367.	2.8	8
34	Sandwich nanostructured LiMnPO <sub>4</sub> /C as enhanced cathode materials for lithium-ion batteries. <i>Journal of Materials Science</i> , 2017, 52, 3597-3612.	3.7	11
35	Highly Porous Fe <sub>2</sub> O <sub>3</sub> /KIT-6 with Mg Substitution for Heterogeneous Fenton Oxidation of Imidacloprid with Enhanced Catalytic Activity. <i>Chemistry Letters</i> , 2015, 44, 601-603.	1.3	6
36	Calcination system-induced nanocasting synthesis of uniform Co <sub>3</sub> O <sub>4</sub> nanoparticles with high surface area and enhanced catalytic performance. <i>RSC Advances</i> , 2015, 5, 35524-35534.	3.6	18

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37	Ordered mesoporous hematite promoted by magnesium selective leaching as a highly efficient heterogeneous Fenton-like catalyst. RSC Advances, 2015, 5, 40872-40883.	3.6	24
38	Hydrophilic modification of ordered mesoporous carbon supported Fe nanoparticles with enhanced adsorption and heterogeneous Fenton-like oxidation performance. RSC Advances, 2015, 5, 98842-98852.	3.6	16
39	Scaling up of ethanol production from sugar molasses using yeast immobilized with alginate-based MCM-41 mesoporous zeolite composite carrier. Bioresource Technology, 2012, 115, 208-214.	9.6	18