

# Chaoqi Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,505  
citations

331642

21  
h-index

610883

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1218  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined High Catalytic Activity and Efficient Polar Tubular Nanostructure in Urchin-Like Metallic NiCo <sub>2</sub> Se <sub>4</sub> for High-Performance Lithium-Sulfur Batteries. <i>Advanced Functional Materials</i> , 2019, 29, 1903842.	14.9	153
2	Tubular CoFeP@CN as a Mott-Schottky Catalyst with Multiple Adsorption Sites for Robust Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2100432.	19.5	125
3	ZnSe/N-Doped Carbon Nanoreactor with Multiple Adsorption Sites for Stable Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2020, 14, 15492-15504.	14.6	114
4	Atomically dispersed Fe in a C <sub>2</sub> N Based Catalyst as a Sulfur Host for Efficient Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003507.	19.5	91
5	NbSe <sub>2</sub> Meets C <sub>2</sub> N: A 2D-2D Heterostructure Catalysts as Multifunctional Polysulfide Mediator in Ultra-Long-Life Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2101250.	19.5	89
6	Controlled oxygen doping in highly dispersed Ni-loaded g-C <sub>3</sub> N <sub>4</sub> nanotubes for efficient photocatalytic H <sub>2</sub> O <sub>2</sub> production. <i>Chemical Engineering Journal</i> , 2022, 441, 135999.	12.7	88
7	A High Conductivity 1D Conjugated Metal-Organic Framework with Efficient Polysulfide Trapping-Diffusion-Catalysis in Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2022, 34, e2108835.	21.0	86
8	Colloidal Ni-Co-Sn nanoparticles as efficient electrocatalysts for the methanol oxidation reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22915-22924.	10.3	85
9	MOF-Derived Hybrid Hollow Submicrospheres of Nitrogen-Doped Carbon-Encapsulated Bimetallic Ni-Co-S Nanoparticles for Supercapacitors and Lithium Ion Batteries. <i>Inorganic Chemistry</i> , 2019, 58, 3916-3924.	4.0	82
10	Hierarchical Nanoreactor with Multiple Adsorption and Catalytic Sites for Robust Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2021, 15, 6849-6860.	14.6	70
11	Surface strain-enhanced MoS <sub>2</sub> as a high-performance cathode catalyst for lithium-sulfur batteries. <i>EScience</i> , 2022, 2, 405-415.	41.6	70
12	Supercapacitors Based on Reduced Graphene Oxide Nanofibers Supported Ni(OH) <sub>2</sub> Nanoplates with Enhanced Electrochemical Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 22977-22987.	8.0	60
13	Compositionally tuned Ni <sub>x</sub> Sn alloys as anode materials for lithium-ion and sodium-ion batteries with a high pseudocapacitive contribution. <i>Electrochimica Acta</i> , 2019, 304, 246-254.	5.2	51
14	Robust Lithium-Sulfur Batteries Enabled by Highly Conductive WSe <sub>2</sub> -Based Superlattices with Tunable Interlayer Space. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	51
15	Phase Engineering of Defective Copper Selenide toward Robust Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2022, 16, 11102-11114.	14.6	50
16	Enhanced Polysulfide Conversion with Highly Conductive and Electrocatalytic Iodine-Doped Bismuth Selenide Nanosheets in Lithium-Sulfur Batteries. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	49
17	Monodisperse CoSn and NiSn Nanoparticles Supported on Commercial Carbon as Anode for Lithium- and Potassium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 4414-4422.	8.0	46
18	Co-Sn Nanocrystalline Solid Solutions as Anode Materials in Lithium-Ion Batteries with High Pseudocapacitive Contribution. <i>ChemSusChem</i> , 2019, 12, 1451-1458.	6.8	38

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19	SnS <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> /graphite nanocomposites as durable lithium-ion battery anode with high pseudocapacitance contribution. <i>Electrochimica Acta</i> , 2020, 349, 136369.	5.2	29
20	Self-supported VN arrays coupled with N-doped carbon nanotubes embedded with Co nanoparticles as a multifunctional sulfur host for lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2022, 430, 132931.	12.7	27
21	A low temperature solid state reaction to produce hollow Mn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> nanoparticles as anode for lithium-ion batteries. <i>Nano Energy</i> , 2019, 66, 104199.	16.0	21
22	Chromium phosphide CrP as highly active and stable electrocatalysts for oxygen electroreduction in alkaline media. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117846.	20.2	20
23	2D/2D Heterojunction of TiO <sub>2</sub> Nanoparticles and Ultrathin G-C <sub>3</sub> N <sub>4</sub> Nanosheets for Efficient Photocatalytic Hydrogen Evolution. <i>Nanomaterials</i> , 2022, 12, 1557.	4.1	6
24	2D Organic Layered Materials: Atomically dispersed Fe in a C <sub>2</sub> N Based Catalyst as a Sulfur Host for Efficient Lithium-Sulfur Batteries ( <i>Adv. Energy Mater.</i> 5/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170022.	19.5	3
25	Controlled Oxygen Doping in Highly Dispersed Ni-Loaded G-C <sub>3</sub> N <sub>4</sub> Nanotubes for Efficient Photocatalytic H <sub>2</sub> O <sub>2</sub> Production. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
26	Controlled Oxygen Doping in Highly Dispersed Ni-Loaded g-C <sub>3</sub> N <sub>4</sub> Nanotubes for Efficient Photocatalytic H <sub>2</sub> O <sub>2</sub> Production. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0