

# Chuang Wang

## List of Publications by Citations

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17  
papers

315  
citations

10  
h-index

17  
g-index

18  
ext. papers

437  
ext. citations

9.1  
avg, IF

3.98  
L-index

#	Paper	IF	Citations
17	MXene-supported CoO quantum dots for superior lithium storage and oxygen evolution activities. <i>Chemical Communications</i> , <b>2019</b> , 55, 1237-1240	5.8	69
16	Efficient polysulfides anchoring for Li-S batteries: Combined physical adsorption and chemical conversion in V <sub>2</sub> O <sub>5</sub> hollow spheres wrapped in nitrogen-doped graphene network. <i>Chemical Engineering Journal</i> , <b>2019</b> , 378, 122189	14.7	41
15	Rational design of MXene@TiO nanoarray enabling dual lithium polysulfide chemisorption towards high-performance lithium-sulfur batteries. <i>Nanoscale</i> , <b>2020</b> , 12, 16678-16684	7.7	33
14	Synergistically Coupling Black Phosphorus Quantum Dots with MnO Nanosheets for Efficient Electrochemical Nitrogen Reduction Under Ambient Conditions. <i>Small</i> , <b>2020</b> , 16, e1907091	11	25
13	V <sub>2</sub> O <sub>5</sub> nanoparticles confined in ThreeDimensionally organized, porous NitrogenDoped graphene frameworks: Flexible and FreeStanding cathodes for high performance lithium storage. <i>Carbon</i> , <b>2018</b> , 140, 218-226	10.4	24
12	Stable anchoring and uniform distribution of SiO <sub>2</sub> nanotubes on reduced graphene oxide through electrostatic self-assembly for ultra-high lithium storage performance. <i>Carbon</i> , <b>2020</b> , 167, 835-842	10.4	20
11	A general way to fabricate transition metal dichalcogenide/oxide-sandwiched MXene nanosheets as flexible film anodes for high-performance lithium storage. <i>Sustainable Energy and Fuels</i> , <b>2019</b> , 3, 2577-2582	5.8	18
10	Novel confinement of Mn <sub>3</sub> O <sub>4</sub> nanoparticles on two-dimensional carbide enabling high-performance electrochemical synthesis of ammonia under ambient conditions. <i>Chemical Engineering Journal</i> , <b>2020</b> , 396, 125163	14.7	17
9	Thin-carbon-layer-enveloped cobaltIron oxide nanocages as a high-efficiency sulfur container for LiS batteries. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 20604-20611	13	16
8	Modulating CoFe <sub>2</sub> O <sub>4</sub> nanocube with oxygen vacancy and carbon wrapper towards enhanced electrocatalytic nitrogen reduction to ammonia. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 297, 120452	21.8	14
7	Integrating Co <sub>3</sub> O <sub>4</sub> nanoparticles with MnO <sub>2</sub> nanosheets as bifunctional electrocatalysts for water splitting. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 10356-10365	6.7	10
6	Multi-dimensionally hierarchical self-supported Cu@Cu <sub>2</sub> +1O@Co <sub>3</sub> O <sub>4</sub> heterostructure enabling superior lithium-ion storage and electrocatalytic oxygen evolution. <i>Chemical Engineering Journal</i> , <b>2021</b> , 405, 126699	14.7	9
5	Self-Standing Hybrid Film of SnO <sub>2</sub> Nanotubes and MXene as A High-Performance Anode Material for Thin Film Lithium-Ion Batteries. <i>ChemistrySelect</i> , <b>2019</b> , 4, 12099-12103	1.8	8
4	Controllable construction of Ag/MoSe <sub>2</sub> hybrid architectures for efficient hydrogen evolution and advanced lithium anode. <i>Chemical Engineering Science</i> , <b>2021</b> , 233, 116404	4.4	5
3	Cobalt-iron oxide nanotubes decorated with polyaniline as advanced cathode hosts for Li-S batteries. <i>Electrochimica Acta</i> , <b>2021</b> , 390, 138873	6.7	3
2	Hollow C@TiO <sub>2</sub> array nanospheres as efficient sulfur hosts for lithiumSulfur batteries. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 5493-5497	5.8	2
1	Cobalt-iron oxide nanoparticles anchored on carbon nanotube paper to accelerate polysulfide conversion for lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 909, 164805	5.7	1

