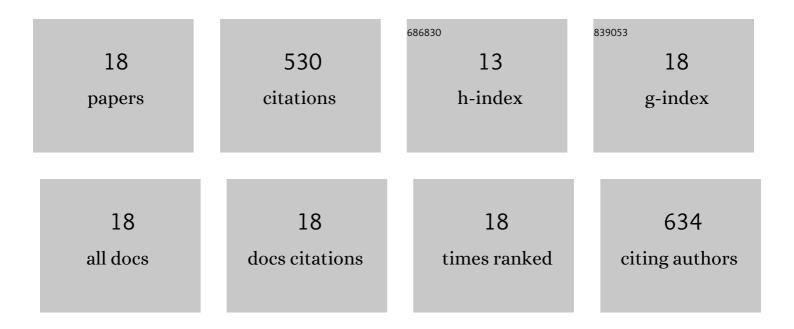
## **Chuang Wang**

List of Publications by Year in descending order

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CHUANC WANC

#	Article	IF	CITATIONS
1	MXene-supported Co <sub>3</sub> O <sub>4</sub> quantum dots for superior lithium storage and oxygen evolution activities. Chemical Communications, 2019, 55, 1237-1240.	2.2	94
2	Efficient polysulfides anchoring for Li-S batteries: Combined physical adsorption and chemical conversion in V2O5 hollow spheres wrapped in nitrogen-doped graphene network. Chemical Engineering Journal, 2019, 378, 122189.	6.6	57
3	Rational design of MXene@TiO <sub>2</sub> nanoarray enabling dual lithium polysulfide chemisorption towards high-performance lithium–sulfur batteries. Nanoscale, 2020, 12, 16678-16684.	2.8	55
4	Thin-carbon-layer-enveloped cobalt–iron oxide nanocages as a high-efficiency sulfur container for Li–S batteries. Journal of Materials Chemistry A, 2020, 8, 20604-20611.	5.2	42
5	Synergistically Coupling Black Phosphorus Quantum Dots with MnO <sub>2</sub> Nanosheets for Efficient Electrochemical Nitrogen Reduction Under Ambient Conditions. Small, 2020, 16, e1907091.	5.2	42
6	Modulating CoFe2O4 nanocube with oxygen vacancy and carbon wrapper towards enhanced electrocatalytic nitrogen reduction to ammonia. Applied Catalysis B: Environmental, 2021, 297, 120452.	10.8	42
7	V2O5 nanoparticles confined in Threeâ^'Dimensionally organized, porous Nitrogenâ^'Doped graphene frameworks: Flexible and Freeâ~'Standing cathodes for high performance lithium storage. Carbon, 2018, 140, 218-226.	5.4	27
8	Stable anchoring and uniform distribution of SiO2 nanotubes on reduced graphene oxide through electrostatic self-assembly for ultra-high lithium storage performance. Carbon, 2020, 167, 835-842.	5.4	27
9	Integrating Co3O4 nanoparticles with MnO2 nanosheets as bifunctional electrocatalysts for water splitting. International Journal of Hydrogen Energy, 2021, 46, 10356-10365.	3.8	26
10	Novel confinement of Mn3O4 nanoparticles on two-dimensional carbide enabling high-performance electrochemical synthesis of ammonia under ambient conditions. Chemical Engineering Journal, 2020, 396, 125163.	6.6	24
11	A general way to fabricate transition metal dichalcogenide/oxide-sandwiched MXene nanosheets as flexible film anodes for high-performance lithium storage. Sustainable Energy and Fuels, 2019, 3, 2577-2582.	2.5	20
12	Multi-dimensionally hierarchical self-supported Cu@Cu2+1O@Co3O4 heterostructure enabling superior lithium-ion storage and electrocatalytic oxygen evolution. Chemical Engineering Journal, 2021, 405, 126699.	6.6	20
13	Cobalt-iron oxide nanotubes decorated with polyaniline as advanced cathode hosts for Li-S batteries. Electrochimica Acta, 2021, 390, 138873.	2.6	16
14	Selfâ€Standing Hybrid Film of SnO <sub>2</sub> Nanotubes and MXene as A Highâ€Performance Anode Material for Thin Film Lithiumâ€Ion Batteries. ChemistrySelect, 2019, 4, 12099-12103.	0.7	14
15	Controllable construction of Ag/MoSe2 hybrid architectures for efficient hydrogen evolution and advanced lithium anode. Chemical Engineering Science, 2021, 233, 116404.	1.9	9
16	Cobalt-iron oxide nanoparticles anchored on carbon nanotube paper to accelerate polysulfide conversion for lithium-sulfur batteries. Journal of Alloys and Compounds, 2022, 909, 164805.	2.8	7
17	Hollow C@TiO <sub>2</sub> array nanospheres as efficient sulfur hosts for lithium–sulfur batteries. Sustainable Energy and Fuels, 2020, 4, 5493-5497.	2.5	5
18	A hierarchically porous TiO <sub>2</sub> @C membrane with oxygen vacancies: a novel platform for enhancing the catalytic conversion of polysulfides. Dalton Transactions, 2022, 51, 2855-2862.	1.6	3