

Wanqun Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hexagonal perovskite $\text{Sr}_{0.6}\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_{15}$ as an efficient electrocatalyst towards the oxygen evolution reaction. Dalton Transactions, 2022, 51, 7100-7108.	3.3	8
2	Iridium-Doped 10H-Phase Perovskite $\text{BaCo}_0\text{Fe}_8\text{O}_{15}$ as an Efficient Oxygen Evolution Reaction Catalyst. Chinese Journal of Chemistry, 2022, 40, 2276-2284.	4.5	7
3	High-Voltage and Super-Stable Aqueous Sodium-Zinc Hybrid Ion Batteries Enabled by Double Solvation Structures in Concentrated Electrolyte. Small Methods, 2021, 5, e2100418.	8.6	22
4	The hexagonal perovskite $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_{15}$ as an efficient electrocatalyst for the oxygen evolution reaction. Inorganic Chemistry Frontiers, 2020, 7, 4488-4497.	6.0	16
5	Hexagonal Perovskite $\text{Ba}_{0.9}\text{Sr}_{0.1}\text{Co}_{0.8}\text{Fe}_{0.1}\text{Ir}_{0.1}\text{O}_{15}$ as an Efficient Electrocatalyst towards the Oxygen Evolution Reaction. ACS Applied Energy Materials, 2020, 3, 7149-7158.	5.1	32
6	Promoting spherical epitaxial deposition of solid sulfides for high-capacity Li-S batteries. Journal of Materials Chemistry A, 2020, 8, 7100-7108.	10.3	10
7	Stabilizing Sulfur Cathode in Carbonate and Ether Electrolytes: Excluding Long-Chain Lithium Polysulfide Formation and Switching Lithiation/Delithiation Route. Chemistry of Materials, 2019, 31, 2002-2009.	6.7	32
8	Application of rocking-scan method to detect the low-content diamonds in a complex mixture. Diamond and Related Materials, 2018, 85, 1-4.	3.9	0
9	Preparation of Sb nanoparticles in molten salt and their potassium storage performance and mechanism. Nanoscale, 2018, 10, 13236-13241.	5.6	125
10	Facile synthesis and electrochemistry of a new cubic rocksalt $\text{Li}_x\text{V}_y\text{O}_2$ ($x = 0.78, y = 0.75$) electrode material. Journal of Materials Chemistry A, 2017, 5, 5148-5155.	10.3	7
11	A Composite Structure of $\text{Cu}_3\text{Ge/Ge/C}$ Anode Promise Better Rate Property for Lithium Battery. Small, 2016, 12, 6024-6032.	10.0	26
12	SnS_2 - Compared to SnO_2 -Stabilized S/C Composites toward High-Performance Lithium Sulfur Batteries. ACS Applied Materials & Interfaces, 2016, 8, 19550-19557.	8.0	102
13	One-step thermolysis synthesis of two-dimensional ultrafine Fe_3O_4 particles/carbon nanonetworks for high-performance lithium-ion batteries. Nanoscale, 2016, 8, 4733-4741.	5.6	67
14	A Deep Reduction and Partial Oxidation Strategy for Fabrication of Mesoporous Si Anode for Lithium Ion Batteries. ACS Nano, 2016, 10, 2295-2304.	14.6	121
15	A New Salt-Baked Approach for Confining Selenium in Metal Complex-Derived Porous Carbon with Superior Lithium Storage Properties. Advanced Functional Materials, 2015, 25, 5229-5238.	14.9	117
16	Amorphous S-rich $\text{S}_{1-x}\text{Se}_x/\text{C}$ ($x \approx 0.1$) composites promise better lithium-sulfur batteries in a carbonate-based electrolyte. Energy and Environmental Science, 2015, 8, 3181-3186.	30.8	164
17	A facile synthesis of highly porous CdSnO_3 nanoparticles and their enhanced performance in lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 4970.	10.3	10
18	Synthesis, surface group modification of 3D MnV_2O_6 nanostructures and adsorption effect on Rhodamine B. Materials Research Bulletin, 2012, 47, 1725-1733.	5.2	22

#	ARTICLE	IF	CITATIONS
19	Controllable Synthesis of Cu ₂ O Microcrystals via a Complexant-Assisted Synthetic Route. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1103-1109.	2.0	26
20	Synthesis of Nanocrystalline Boron Carbide via a Solvothermal Reduction of CCl ₄ in the Presence of Amorphous Boron Powder. <i>Journal of the American Ceramic Society</i> , 2005, 88, 225-227.	3.8	31