Yingmeng Zhang

List of Publications by Year
in descending order

23	781	516710 16	610901 24
papers	citations	h-index	g-index

24	24	24	1134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybrid CuO-Co3O4 nanosphere/RGO sandwiched composites as anode materials for lithium-ion batteries. Chinese Journal of Chemical Engineering, 2022, 47, 185-192.	3.5	4
2	MoS₂ nanosheets vertically grown on CoSe₂ hollow nanotube arrays as an efficient catalyst for the hydrogen evolution reaction. Nanoscale, 2022, 14, 2490-2501.	5.6	18
3	Engineering surface oxygenated functionalities on commercial hard carbon toward superior sodium storage. Chemical Engineering Journal, 2022, 441, 135899.	12.7	18
4	Defective Fe₃O_{4â€}_x Fewâ€Atom Clusters Anchored on Nitrogenâ€Doped Carbon as Efficient Oxygen Reduction Electrocatalysts for Highâ€Performance Zincâ€“Air Batteries. Small Methods, 2022, 6, .	8.6	10
5	Double-Enhanced Coreâ€“Shellâ€“Shell Sb₂S₃/Sb@TiO₂@C Nanorod Composites for Lithium- and Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 33064-33075.	8.0	15
6	Heterostructure enhanced sodium storage performance for SnS₂ in hierarchical SnS₂/Co₃S₄ nanosheet array composite. Journal of Materials Chemistry A, 2021, 9, 1630-1642.	10.3	30
7	Confining Sb₂Se₃ nanorod yolk in a mesoporous carbon shell with an in-built buffer space for stable Li-ion batteries. Journal of Materials Chemistry A, 2021, 9, 3388-3397.	10.3	35
8	Co₃O₄ Hollow Porous Nanospheres with Oxygen Vacancies for Enhanced Liâ€“O₂ Batteries. ACS Applied Energy Materials, 2020, 3, 4014-4022.	5.1	57
9	Rechargeable Aqueous Zinc-Ion Batteries in MgSO4/ZnSO4 Hybrid Electrolytes. Nano-Micro Letters, 2020, 12, 60.	27.0	60
10	Rhenium disulfide nanosheets/carbon composite as novel anodes for high-rate and long lifespan sodium-ion batteries. Nano Energy, 2019, 61, 626-636.	16.0	46
11	A lithium carboxylate grafted dendrite-free polymer electrolyte for an all-solid-state lithium-ion battery. Journal of Materials Chemistry A, 2019, 7, 25818-25823.	10.3	21
12	Efficient Sodium Storage in Rolledâ€Up Amorphous Si Nanomembranes. Advanced Materials, 2018, 30, e1706637.	21.0	87
13	Three-dimensional graphene sheets with NiO nanobelt outgrowths for enhanced capacity and long term high rate cycling Li-ion battery anode material. Journal of Power Sources, 2018, 379, 362-370.	7.8	53
14	Bifunctional porous iron phosphide/carbon nanostructure enabled high-performance sodium-ion battery and hydrogen evolution reaction. Energy Storage Materials, 2018, 15, 98-107.	18.0	102
15	Low temperature synthesis of polyhedral hollow porous carbon with high rate capability and long-term cycling stability as Li-ion and Na-ion battery anode material. Journal of Power Sources, 2018, 398, 149-158.	7.8	22
16	Tailoring NiO Nanostructured Arrays by Sulfate Anions for Sodiumâ€Ion Batteries. Small, 2018, 14, e1800898.	10.0	39
17	Hydrolysis-Coupled Redox Reaction to 3D Cu/Fe₃O₄ Nanorod Array Electrodes for High-Performance Lithium-Ion Batteries. Inorganic Chemistry, 2017, 56, 7657-7667.	4.0	17
18	An efficient route to Cu2O nanorod array film for high-performance Li-ion batteries. Thin Solid Films, 2016, 608, 79-87.	1.8	16

#	Article	IF	Citations
19	A galvanic replacement reaction to synthesise metal/ZnO heterostructured films on zinc substrates for enhanced photocatalytic performance. RSC Advances, 2016, 6, 103594-103600.	3.6	8
20	In-situ design and construction of lithium-ion battery electrodes on metal substrates with enhanced performances: A brief review. Chinese Journal of Chemical Engineering, 2016, 24, 48-52.	3.5	7
21	Selfâ€Sustained Cycle of Hydrolysis and Etching at Solution/Solid Interfaces: A General Strategy To Prepare Metal Oxide Microâ€/Nanostructured Arrays for Highâ€Performance Electrodes. Angewandte Chemie - International Edition, 2015, 54, 3932-3936.	13.8	34
22	Facile microemulsion synthesis of porous CuO nanosphere film and its application in lithium ion batteries. Electrochimica Acta, 2013, 113, 63-68.	5.2	35
23	Cosurfactant-mediated microemulsion to free-standing hierarchical CuO arrays on copper substrates as anodes for lithium-ion batteries. Journal of Materials Chemistry A, 2013, 1, 14368.	10.3	39