Youzhang Huang

List of Publications by Year
in descending order

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29	1,788	279487 23	476904 29
papers	citations	h-index	g-index

29	29	29	2648
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MOF-derived NiCo₂S₄ and carbon hybrid hollow spheres compactly concatenated by electrospun carbon nanofibers as self-standing electrodes for aqueous alkaline Zn batteries. Journal of Materials Chemistry A, 2022, 10, 4100-4109.	5.2	21
2	Robust Lithiumâ€“Sulfur Batteries Enabled by Highly Conductive WSe₂â€Based Superlattices with Tunable Interlayer Space. Advanced Functional Materials, 2022, 32, .	7.8	51
3	Construction of molybdenum vanadium oxide/nitride hybrid nanoplate arrays for aqueous zinc-ion batteries and reliable insights into the reaction mechanism. Journal of Materials Chemistry A, 2021, 9, 21313-21322.	5.2	8
4	Hierarchical Nanoreactor with Multiple Adsorption and Catalytic Sites for Robust Lithiumâ€“Sulfur Batteries. ACS Nano, 2021, 15, 6849-6860.	7.3	70
5	Engineering Hierarchical Co@N-Doped Carbon Nanotubes/Î±-Ni(OH)₂ Heterostructures on Carbon Cloth Enabling High-Performance Aqueous Nickelâ€“Zinc Batteries. ACS Applied Materials & Interfaces, 2021, 13, 22304-22313.	4.0	33
6	Electrospun carbon nanofibers functionalized with NiCo2S4 nanoparticles as lightweight, flexible and binder-free cathode for aqueous Ni-Zn batteries. Chemical Engineering Journal, 2021, 426, 130068.	6.6	29
7	Construction of sugar gourd-like yolk-shell Niâ€“Moâ€“Coâ€“S nanocage arrays for high-performance alkaline battery. Energy Storage Materials, 2020, 25, 105-113.	9.5	46
8	Engineering One-Dimensional Bunched Niâ€“MoO₂@Coâ€“CoOâ€“NC Composite for Enhanced Lithium and Sodium Storage Performance. ACS Applied Energy Materials, 2020, 3, 9018-9027.	2.5	26
9	Multicomponent hierarchical NiCo2O4@CoMoO4@Co3O4 arrayed structures for high areal energy density aqueous NiCo//Zn batteries. Energy Storage Materials, 2020, 31, 27-35.	9.5	62
10	Metal-organic framework-engaged synthesis of multicomponent MoO2@CoO-CoMoO4-NC hybrid nanorods as promising anode materials for lithium-ion batteries. Materials Letters, 2019, 254, 129-132.	1.3	7
11	MOF-Derived Hybrid Hollow Submicrospheres of Nitrogen-Doped Carbon-Encapsulated Bimetallic Niâ€“Coâ€“S Nanoparticles for Supercapacitors and Lithium Ion Batteries. Inorganic Chemistry, 2019, 58, 3916-3924.	1.9	82
12	Resorcinolâ€“Formaldehyde Resin-Coated Prussian Blue Coreâ€“Shell Spheres and Their Derived Unique Yolkâ€“Shell FeS₂@C Spheres for Lithium-Ion Batteries. Inorganic Chemistry, 2019, 58, 1330-1338.	1.9	52
13	Porous NaTi2(PO4)3 nanoparticles coated with a thin carbon layer for sodium-ion batteries with enhanced rate and cycling performance. Materials Letters, 2018, 218, 14-17.	1.3	5
14	Bimetallic CoNiS_x nanocrystallites embedded in nitrogen-doped carbon anchored on reduced graphene oxide for high-performance supercapacitors. Nanoscale, 2018, 10, 4051-4060.	2.8	50
15	Construction of MOF-derived hollow Niâ€“Znâ€“Coâ€“S nanosword arrays as binder-free electrodes for asymmetric supercapacitors with high energy density. Nanoscale, 2018, 10, 14171-14181.	2.8	124
16	In situ confined conductive nickel cobalt sulfoselenide with tailored composition in graphitic carbon hollow structure for energy storage. Chemical Engineering Journal, 2018, 351, 678-687.	6.6	33
17	Reduced graphene oxide uniformly anchored with ultrafine CoMn 2 O 4 nanoparticles as advance anode materials for lithium and sodium storage. Journal of Alloys and Compounds, 2017, 716, 30-36.	2.8	27
18	Comparison of the electrochemical performance of iron hexacyanoferrate with high and low quality as cathode materials for aqueous sodium-ion batteries. Chemical Communications, 2017, 53, 6780-6783.	2.2	42

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19	Lightâ€Induced Reversible Selfâ€Assembly of Gold Nanoparticles Surfaceâ€Immobilized with Coumarin Ligands. Angewandte Chemie, 2016, 128, 948-952.	1.6	21
20	Rational combination of Î±-MnS/rGO nanocomposites for high-performance lithium-ion batteries. CrystEngComm, 2016, 18, 6200-6204.	1.3	35
21	Supercapacitors Based on Reduced Graphene Oxide Nanofibers Supported Ni(OH)₂ Nanoplates with Enhanced Electrochemical Performance. ACS Applied Materials & Interfaces, 2016, 8, 22977-22987.	4.0	60
22	Lightâ€Induced Reversible Selfâ€Assembly of Gold Nanoparticles Surfaceâ€Immobilized with Coumarin Ligands. Angewandte Chemie - International Edition, 2016, 55, 936-940.	7.2	81
23	Rational synthesis of metalâ€“organic framework composites, hollow structures and their derived porous mixed metal oxide hollow structures. Journal of Materials Chemistry A, 2016, 4, 183-192.	5.2	77
24	Tin dioxide dodecahedral nanocrystals anchored on graphene sheets with enhanced electrochemical performance for lithium-ion batteries. Electrochimica Acta, 2015, 159, 46-51.	2.6	28
25	Construction of desirable NiCo2S4 nanotube arrays on nickel foam substrate for pseudocapacitors with enhanced performance. Electrochimica Acta, 2015, 151, 35-41.	2.6	206
26	Enhanced performance of supercapacitors with ultrathin mesoporous NiMoO4 nanosheets. Electrochimica Acta, 2014, 125, 294-301.	2.6	116
27	Facile hydrothermal synthesis of hierarchical ultrathin mesoporous NiMoO4 nanosheets for high performance supercapacitors. Electrochimica Acta, 2014, 115, 358-363.	2.6	110
28	Morphology controlled synthesis of NiCo 2 O 4 nanosheet array nanostructures on nickel foam and their application for pseudocapacitors. Electrochimica Acta, 2014, 142, 118-124.	2.6	88
29	Three-Dimensional Co₃O₄@NiMoO₄ Core/Shell Nanowire Arrays on Ni Foam for Electrochemical Energy Storage. ACS Applied Materials & Interfaces, 2014, 6, 5050-5055.	4.0	198