

# Youzhang Huang

## List of Publications by Year in descending order

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29  
papers

1,788  
citations

279487

23  
h-index

476904

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of desirable NiCo <sub>2</sub> S <sub>4</sub> nanotube arrays on nickel foam substrate for pseudocapacitors with enhanced performance. <i>Electrochimica Acta</i> , 2015, 151, 35-41.	2.6	206
2	Three-Dimensional Co <sub>3</sub> O <sub>4</sub> @NiMoO <sub>4</sub> Core/Shell Nanowire Arrays on Ni Foam for Electrochemical Energy Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 5050-5055.	4.0	198
3	Construction of MOF-derived hollow Ni-Zn-Co-S nanoword arrays as binder-free electrodes for asymmetric supercapacitors with high energy density. <i>Nanoscale</i> , 2018, 10, 14171-14181.	2.8	124
4	Enhanced performance of supercapacitors with ultrathin mesoporous NiMoO <sub>4</sub> nanosheets. <i>Electrochimica Acta</i> , 2014, 125, 294-301.	2.6	116
5	Facile hydrothermal synthesis of hierarchical ultrathin mesoporous NiMoO <sub>4</sub> nanosheets for high performance supercapacitors. <i>Electrochimica Acta</i> , 2014, 115, 358-363.	2.6	110
6	Morphology controlled synthesis of NiCo <sub>2</sub> O <sub>4</sub> nanosheet array nanostructures on nickel foam and their application for pseudocapacitors. <i>Electrochimica Acta</i> , 2014, 142, 118-124.	2.6	88
7	MOF-Derived Hybrid Hollow Submicrospheres of Nitrogen-Doped Carbon-Encapsulated Bimetallic Ni-Co-S Nanoparticles for Supercapacitors and Lithium Ion Batteries. <i>Inorganic Chemistry</i> , 2019, 58, 3916-3924.	1.9	82
8	Light-Induced Reversible Self-Assembly of Gold Nanoparticles Surface-Immobilized with Coumarin Ligands. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 936-940.	7.2	81
9	Rational synthesis of metal-organic framework composites, hollow structures and their derived porous mixed metal oxide hollow structures. <i>Journal of Materials Chemistry A</i> , 2016, 4, 183-192.	5.2	77
10	Hierarchical Nanoreactor with Multiple Adsorption and Catalytic Sites for Robust Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2021, 15, 6849-6860.	7.3	70
11	Multicomponent hierarchical NiCo <sub>2</sub> O <sub>4</sub> @CoMoO <sub>4</sub> @Co <sub>3</sub> O <sub>4</sub> arrayed structures for high areal energy density aqueous NiCo//Zn batteries. <i>Energy Storage Materials</i> , 2020, 31, 27-35.	9.5	62
12	Supercapacitors Based on Reduced Graphene Oxide Nanofibers Supported Ni(OH) <sub>2</sub> Nanoplates with Enhanced Electrochemical Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 22977-22987.	4.0	60
13	Resorcinol-Formaldehyde Resin-Coated Prussian Blue Core-Shell Spheres and Their Derived Unique Yolk-Shell FeS <sub>2</sub> @C Spheres for Lithium-Ion Batteries. <i>Inorganic Chemistry</i> , 2019, 58, 1330-1338.	1.9	52
14	Robust Lithium-Sulfur Batteries Enabled by Highly Conductive WSe <sub>2</sub> -Based Superlattices with Tunable Interlayer Space. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	51
15	Bimetallic CoNiS <sub>x</sub> nanocrystallites embedded in nitrogen-doped carbon anchored on reduced graphene oxide for high-performance supercapacitors. <i>Nanoscale</i> , 2018, 10, 4051-4060.	2.8	50
16	Construction of sugar gourd-like yolk-shell Ni-Mo-Co-S nanocage arrays for high-performance alkaline battery. <i>Energy Storage Materials</i> , 2020, 25, 105-113.	9.5	46
17	Comparison of the electrochemical performance of iron hexacyanoferrate with high and low quality as cathode materials for aqueous sodium-ion batteries. <i>Chemical Communications</i> , 2017, 53, 6780-6783.	2.2	42
18	Rational combination of $\gamma$ -MnS/rGO nanocomposites for high-performance lithium-ion batteries. <i>CrystEngComm</i> , 2016, 18, 6200-6204.	1.3	35

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19	In situ confined conductive nickel cobalt sulfoselenide with tailored composition in graphitic carbon hollow structure for energy storage. <i>Chemical Engineering Journal</i> , 2018, 351, 678-687.	6.6	33
20	Engineering Hierarchical Co@N-Doped Carbon Nanotubes/ $\text{Ni}(\text{OH})_2$ Heterostructures on Carbon Cloth Enabling High-Performance Aqueous Nickel-Zinc Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 22304-22313.	4.0	33
21	Electrospun carbon nanofibers functionalized with NiCo <sub>2</sub> S <sub>4</sub> nanoparticles as lightweight, flexible and binder-free cathode for aqueous Ni-Zn batteries. <i>Chemical Engineering Journal</i> , 2021, 426, 130068.	6.6	29
22	Tin dioxide dodecahedral nanocrystals anchored on graphene sheets with enhanced electrochemical performance for lithium-ion batteries. <i>Electrochimica Acta</i> , 2015, 159, 46-51.	2.6	28
23	Reduced graphene oxide uniformly anchored with ultrafine CoMn <sub>2</sub> O <sub>4</sub> nanoparticles as advance anode materials for lithium and sodium storage. <i>Journal of Alloys and Compounds</i> , 2017, 716, 30-36.	2.8	27
24	Engineering One-Dimensional Bunched Ni@MoO <sub>2</sub> @Co@Co@NC Composite for Enhanced Lithium and Sodium Storage Performance. <i>ACS Applied Energy Materials</i> , 2020, 3, 9018-9027.	2.5	26
25	Light-Induced Reversible Self-Assembly of Gold Nanoparticles Surface-Immobilized with Coumarin Ligands. <i>Angewandte Chemie</i> , 2016, 128, 948-952.	1.6	21
26	MOF-derived NiCo <sub>2</sub> S <sub>4</sub> and carbon hybrid hollow spheres compactly concatenated by electrospun carbon nanofibers as self-standing electrodes for aqueous alkaline Zn batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4100-4109.	5.2	21
27	Construction of molybdenum vanadium oxide/nitride hybrid nanoplate arrays for aqueous zinc-ion batteries and reliable insights into the reaction mechanism. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21313-21322.	5.2	8
28	Metal-organic framework-engaged synthesis of multicomponent MoO <sub>2</sub> @CoO-CoMoO <sub>4</sub> -NC hybrid nanorods as promising anode materials for lithium-ion batteries. <i>Materials Letters</i> , 2019, 254, 129-132.	1.3	7
29	Porous NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> nanoparticles coated with a thin carbon layer for sodium-ion batteries with enhanced rate and cycling performance. <i>Materials Letters</i> , 2018, 218, 14-17.	1.3	5