

Jun Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

2,430
citations

27
h-index

49
g-index

51
ext. papers

2,864
ext. citations

8.8
avg, IF

5.02
L-index

#	Paper	IF	Citations
48	The interfacial electronic engineering in polyhedral MOF derived Co-doped NiSe ₂ composite for upgrading rate and longevity performance of aqueous energy storage. <i>Journal of Alloys and Compounds</i> , 2022 , 897, 163187	5.7	5
47	Construction of three-dimensional electronic interconnected Na ₃ V ₂ (PO ₄) ₃ /C as cathode for sodium ion batteries. <i>Journal of Alloys and Compounds</i> , 2022 , 899, 163363	5.7	3
46	Microspherical copper tetrathiovanadate with stable binding site as ultra-rate and extended longevity anode for sodium-ion half/full batteries. <i>Chemical Engineering Journal</i> , 2022 , 136772	14.7	1
45	Constructing electronic interconnected bimetallic selenide-filled porous carbon nanosheets for stable and highly efficient sodium-ion half/full batteries. <i>Nanoscale</i> , 2021 , 13, 18578-18585	7.7	2
44	Efficient tuning the electronic structure of N-doped Ti-based MXene to enhance hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2021 , 582, 1099-1106	9.3	16
43	Interface and structure engineering of bimetallic selenides toward high-performance sodium-ion half/full batteries. <i>Journal of Power Sources</i> , 2021 , 506, 230216	8.9	12
42	Spontaneous exfoliation and tailoring derived oxygen-riched porous carbon nanosheets for superior Li ⁺ storage performance. <i>Chemical Engineering Journal</i> , 2020 , 387, 124104	14.7	21
41	Construction of heterogeneous 2D layered MoS ₂ /MXene nanohybrid anode material via interstratification process and its synergetic effect for asymmetric supercapacitors. <i>Applied Surface Science</i> , 2020 , 534, 147644	6.7	27
40	Bioinspired Controlled Synthesis of NiSe/Ni ₂ P Nanoparticles Decorated 3D Porous Carbon for Li/Na Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13217-13225	8.3	22
39	Anchoring Mn ₃ O ₄ Nanoparticles on Oxygen Functionalized Carbon Nanotubes as Bifunctional Catalyst for Rechargeable Zinc-Air Battery. <i>ACS Applied Energy Materials</i> , 2018 , 1, 963-969	6.1	55
38	Rational synthesis of graphene-encapsulated uniform MnMoO hollow spheres as long-life and high-rate anodes for lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2018 , 524, 256-262	9.3	26
37	FeO/SnSSe Hexagonal Nanoplates as Lithium-Ion Batteries Anode. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12722-12730	9.5	38
36	Highly Dispersive MoP Nanoparticles Anchored on Reduced Graphene Oxide Nanosheets for an Efficient Hydrogen Evolution Reaction Electrocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 26258-26263	9.5	37
35	Nano-confined CoSe ₂ /Mo ₂ C nanoparticles encapsulated into porous carbon nanofibers for superior lithium and sodium storage. <i>Materials Today Energy</i> , 2018 , 10, 317-324	7	14
34	O ₂ plasma and cation tuned nickel phosphide nanosheets for highly efficient overall water splitting. <i>Nano Energy</i> , 2018 , 54, 82-90	17.1	73
33	In Situ Fabrication of Ni ₂ P Nanoparticles Embedded in Nitrogen and Phosphorus Codoped Carbon Nanofibers as a Superior Anode for Li-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 14795-14801	8.3	26
32	Template-Free Synthesis of Cobalt Silicate Nanoparticles Decorated Nanosheets for High Performance Lithium Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 15591-15597	8.3	24

31	Controlled synthesis of nickel carbide nanoparticles and their application in lithium storage. <i>Chemical Engineering Journal</i> , 2018 , 352, 940-946	14.7	7
30	Co S /MoS ₂ Yolk-Shell Spheres for Advanced Li/Na Storage. <i>Small</i> , 2017 , 13, 1603490	11	127
29	Co/Ni nanotubes with increased coupling sites by space-confined pyrolysis for high electrocatalytic activity. <i>Green Energy and Environment</i> , 2017 , 2, 23-29	5.7	9
28	Carbon intercalated porous NaTi ₂ (PO ₄) ₃ spheres as high-rate and ultralong-life anodes for rechargeable sodium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1435-1440	7.8	31
27	Fluorescent Poly(glycerol-co-sebacate) Acrylate Nanoparticles for Stem Cell Labeling and Longitudinal Tracking. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 9528-9538	9.5	8
26	Controllable synthesis of various V ₂ O ₅ micro-/nanostructures as high performance cathodes for lithium ion batteries. <i>CrystEngComm</i> , 2017 , 19, 716-721	3.3	8
25	S-Doped TiSe Nanoplates/Fe ₃ O ₄ Nanoparticles Heterostructure. <i>Small</i> , 2017 , 13, 1702181	11	16
24	Functionalized few-layer black phosphorus with super-wettability towards enhanced reaction kinetics for rechargeable batteries. <i>Nano Energy</i> , 2017 , 40, 576-586	17.1	75
23	Hydrogenated vanadium oxides as an advanced anode material in lithium ion batteries. <i>Nano Research</i> , 2017 , 10, 4266-4273	10	5
22	Nickel hydroxide nanosheets supported on reduced graphene oxide for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2017 , 691, 144-150	5.7	50
21	Toward High Energy Organic Cathodes for Li-Ion Batteries: A Case Study of Vat Dye/Graphene Composites. <i>Advanced Functional Materials</i> , 2017 , 27, 1603603	15.6	71
20	Vanadium Carbide Based Composite for High Performance Oxygen Reduction Reaction and Lithium Ion Batteries. <i>ChemistrySelect</i> , 2016 , 1, 2682-2686	1.8	10
19	Hierarchical carbon@Ni ₃ S ₂ @MoS ₂ double core-shell nanorods for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 1319-1325	13	75
18	Graphene and cobalt phosphide nanowire composite as an anode material for high performance lithium-ion batteries. <i>Nano Research</i> , 2016 , 9, 612-621	10	88
17	Nanowires assembled from MnCo ₂ O ₄ @C nanoparticles for water splitting and all-solid-state supercapacitor. <i>Nano Research</i> , 2016 , 9, 1300-1309	10	67
16	Controllable synthesis of triangular Ni(HCO ₃) ₂ nanosheets for supercapacitor. <i>Nano Research</i> , 2016 , 9, 1358-1365	10	37
15	MoS ₂ coated hollow carbon spheres for anodes of lithium ion batteries. <i>2D Materials</i> , 2016 , 3, 024001	5.9	33
14	Template-Assisted Synthesis of Nickel Sulfide Nanowires: Tuning the Compositions for Supercapacitors with Improved Electrochemical Stability. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 24645-51	9.5	66

13	Metal-organic framework derived CoSe ₂ nanoparticles anchored on carbon fibers as bifunctional electrocatalysts for efficient overall water splitting. <i>Nano Research</i> , 2016 , 9, 2234-2243	10	185
12	Cobalt silicate hierarchical hollow spheres for lithium-ion batteries. <i>Nanotechnology</i> , 2016 , 27, 365401	3.4	16
11	MOF-directed templating synthesis of a porous multicomponent dodecahedron with hollow interiors for enhanced lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 8483-8488	13	155
10	Controlled synthesis of zinc cobalt sulfide nanostructures in oil phase and their potential applications in electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 11462-11470	13	91
9	Template Synthesis of Shape-Tailorable NiS ₂ Hollow Prisms as High-Performance Supercapacitor Materials. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25396-401	9.5	104
8	Ni _{0.33} Co _{0.66} (OH)F hollow hexagons woven by MWCNTs for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 20690-20697	13	8
7	Carbon@NiCo ₂ S ₄ nanorods: an excellent electrode material for supercapacitors. <i>RSC Advances</i> , 2015 , 5, 83408-83414	3.7	30
6	Shape-controlled synthesis of NiCo ₂ S ₄ and their charge storage characteristics in supercapacitors. <i>Nanoscale</i> , 2014 , 6, 9824-30	7.7	201
5	Graphene field-effect transistor and its application for electronic sensing. <i>Small</i> , 2014 , 10, 4042-65	11	112
4	Selective synthesis of hierarchical mesoporous spinel NiCo ₂ O ₄ for high-performance supercapacitors. <i>Nanoscale</i> , 2014 , 6, 4303-8	7.7	152
3	Graphene-based three-dimensional hierarchical sandwich-type architecture for high performance supercapacitors. <i>RSC Advances</i> , 2014 , 4, 8466-8471	3.7	38
2	Graphene nanomesh: new versatile materials. <i>Nanoscale</i> , 2014 , 6, 13301-13	7.7	82
1	Hydrophilization of porous polypropylene membranes by atomic layer deposition of TiO ₂ for simultaneously improved permeability and selectivity. <i>Journal of Membrane Science</i> , 2013 , 448, 215-222	9.6	65