

Jun Yang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9318569/jun-yang-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
47	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
46	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
45	Selective synthesis of hierarchical mesoporous spinel NiCo ₂ O ₄ for high-performance supercapacitors. <i>Nanoscale</i> , 2014 , 6, 4303-8	7.7	152
44	Co S /MoS ₂ Yolk-Shell Spheres for Advanced Li/Na Storage. <i>Small</i> , 2017 , 13, 1603490	11	127
43	Graphene field-effect transistor and its application for electronic sensing. <i>Small</i> , 2014 , 10, 4042-65	11	112
42	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
41	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
40	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
39	Graphene nanomesh: new versatile materials. <i>Nanoscale</i> , 2014 , 6, 13301-13	7.7	82
38	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
37	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
36	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
35	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
34	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
33	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
32	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

31	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
30	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
29	FeO/SnSSe Hexagonal Nanoplates as Lithium-Ion Batteries Anode. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12722-12730	9.5	38
28	Graphene-based three-dimensional hierarchical sandwich-type architecture for high performance supercapacitors. <i>RSC Advances</i> , 2014 , 4, 8466-8471	3.7	38
27	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
26	Controllable synthesis of triangular Ni(HCO ₃) ₂ nanosheets for supercapacitor. <i>Nano Research</i> , 2016 , 9, 1358-1365	10	37
25	MoS ₂ coated hollow carbon spheres for anodes of lithium ion batteries. <i>2D Materials</i> , 2016 , 3, 024001	5.9	33
24	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
23	Carbon@NiCo ₂ S ₄ nanorods: an excellent electrode material for supercapacitors. <i>RSC Advances</i> , 2015 , 5, 83408-83414	3.7	30
22	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
21	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
20	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
19	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
18	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
17	Spontaneous exfoliation and tailoring derived oxygen-rich porous carbon nanosheets for superior Li ⁺ storage performance. <i>Chemical Engineering Journal</i> , 2020 , 387, 124104	14.7	21
16	S-Doped TiSe Nanoplates/Fe O Nanoparticles Heterostructure. <i>Small</i> , 2017 , 13, 1702181	11	16
15	Cobalt silicate hierarchical hollow spheres for lithium-ion batteries. <i>Nanotechnology</i> , 2016 , 27, 365401	3.4	16
14	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

13	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
12	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
11	Vanadium Carbide Based Composite for High Performance Oxygen Reduction Reaction and Lithium Ion Batteries. <i>ChemistrySelect</i> , 2016 , 1, 2682-2686	1.8	10
10	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
9	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
8	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
7	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
6	Controlled synthesis of nickel carbide nanoparticles and their application in lithium storage. <i>Chemical Engineering Journal</i> , 2018 , 352, 940-946	14.7	7
5	Hydrogenated vanadium oxides as an advanced anode material in lithium ion batteries. <i>Nano Research</i> , 2017 , 10, 4266-4273	10	5
4	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
3	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
2	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
1	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