

Ting Zhu

List of Publications by Citations

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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.

50
papers

3,419
citations

26
h-index

54
g-index

54
ext. papers

3,791
ext. citations

9.1
avg, IF

5.55
L-index

#	Paper	IF	Citations
50	Facile synthesis of metal oxide/reduced graphene oxide hybrids with high lithium storage capacity and stable cyclability. <i>Nanoscale</i> , 2011 , 3, 1084-9	7.7	330
49	Shape-controlled synthesis of porous Co ₃ O ₄ nanostructures for application in supercapacitors. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7015		313
48	Formation of 1D Hierarchical Structures Composed of Ni ₃ S ₂ Nanosheets on CNTs Backbone for Supercapacitors and Photocatalytic H ₂ Production. <i>Advanced Energy Materials</i> , 2012 , 2, 1497-1502	21.8	295
47	Controlled synthesis of hierarchical NiO nanosheet hollow spheres with enhanced supercapacitive performance. <i>Journal of Materials Chemistry</i> , 2011 , 21, 6602		255
46	Arrays of ultrafine CuS nanoneedles supported on a CNT backbone for application in supercapacitors. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7851		235
45	Facile preparation of ZnMn ₂ O ₄ hollow microspheres as high-capacity anodes for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2012 , 22, 827-829		226
44	Porous Co ₃ O ₄ nanowires derived from long Co(CO ₃)(0.5)(OH)·1.1H ₂ O nanowires with improved supercapacitive properties. <i>Nanoscale</i> , 2012 , 4, 2145-9	7.7	218
43	Shape-controlled synthesis of cobalt-based nanocubes, nanodiscs, and nanoflowers and their comparative lithium-storage properties. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 3628-35	9.5	166
42	Monodisperse and homogeneous SiO ₂ /C microspheres: A promising high-capacity and durable anode material for lithium-ion batteries. <i>Energy Storage Materials</i> , 2018 , 13, 112-118	19.4	136
41	Nanoflake-constructed porous Na ₃ V ₂ (PO ₄) ₃ /C hierarchical microspheres as a bicontinuous cathode for sodium-ion batteries applications. <i>Nano Energy</i> , 2019 , 60, 312-323	17.1	97
40	In situ chemical etching of tunable 3D Ni ₃ S ₂ superstructures for bifunctional electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 13916-13922	13	94
39	Bifunctional 2D-on-2D MoO ₃ nanobelt/Ni(OH) ₂ nanosheets for supercapacitor-driven electrochromic energy storage. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 8343-8351	13	81
38	Rational design of multi-shelled CoO/Co ₉ S ₈ hollow microspheres for high-performance hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 18448-18456	13	78
37	Self-templated synthesis of N-doped CoSe ₂ /C double-shelled dodecahedra for high-performance supercapacitors. <i>Energy Storage Materials</i> , 2017 , 8, 28-34	19.4	77
36	N-S co-doped C@SnS nanoflakes/graphene composite as advanced anode for sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2018 , 353, 606-614	14.7	72
35	TiO ₂ Fibers Supported FeOOH Nanostructures as Efficient Visible Light Photocatalyst and Room Temperature Sensor. <i>Scientific Reports</i> , 2015 , 5, 10601	4.9	71
34	N-doped one-dimensional carbonaceous backbones supported MoSe ₂ nanosheets as superior electrodes for energy storage and conversion. <i>Chemical Engineering Journal</i> , 2018 , 334, 2190-2200	14.7	66

33	Uniform MnCoO Porous Dumbbells for Lithium-Ion Batteries and Oxygen Evolution Reactions. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 8730-8738	9.5	54
32	In situ formation of Ni ₃ S ₂ @Cu _{1.8} S nanosheets to promote hybrid supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 11044-11052	13	48
31	Self-supported yolk-shell nanocolloids towards high capacitance and excellent cycling performance. <i>Nano Energy</i> , 2015 , 18, 273-282	17.1	48
30	Photo-assisted electrochemical hydrogen evolution by plasmonic Ag nanoparticle/nanorod heterogeneity. <i>Information Materials</i> , 2019 , 1, 417-425	23.1	44
29	Shaped-controlled synthesis of porous NiCo ₂ O ₄ with 1-3 dimensional hierarchical nanostructures for high-performance supercapacitors. <i>RSC Advances</i> , 2015 , 5, 1697-1704	3.7	40
28	Topotactic Consolidation of Monocrystalline CoZn Hydroxides for Advanced Oxygen Evolution Electrodes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10326-30	16.4	36
27	Three-Dimensional Carbon-Coated Treelike NiS Superstructures on a Nickel Foam as Binder-Free Bifunctional Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 36018-36027	9.5	34
26	One-dimensional coaxial Sb and carbon fibers with enhanced electrochemical performance for sodium-ion batteries. <i>Applied Surface Science</i> , 2018 , 428, 448-454	6.7	30
25	Self-templating synthesis of double-wall shelled vanadium oxide hollow microspheres for high-performance lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 6792-6799	13	26
24	Topotactic Consolidation of Monocrystalline CoZn Hydroxides for Advanced Oxygen Evolution Electrodes. <i>Angewandte Chemie</i> , 2016 , 128, 10482-10486	3.6	25
23	Carbon supported Co ₉ S ₈ hollow spheres assembled from ultrathin nanosheets for high-performance supercapacitors. <i>Materials Letters</i> , 2016 , 183, 290-295	3.3	24
22	Facile fabrication of interconnected-mesoporous T-Nb ₂ O ₅ nanofibers as anodes for lithium-ion batteries. <i>Science China Materials</i> , 2019 , 62, 465-473	7.1	23
21	Outside-in recrystallization of ZnS-Cu _{1.8} S hollow spheres with interdispersed lattices for enhanced visible light solar hydrogen generation. <i>Chemistry - A European Journal</i> , 2014 , 20, 11505-10	4.8	22
20	High-efficient electrocatalysts by unconventional acid-etching for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 24153-24158	13	20
19	Electrospun Single Crystalline Fork-Like KVO as High-Performance Cathode Materials for Lithium-Ion Batteries. <i>Frontiers in Chemistry</i> , 2018 , 6, 195	5	18
18	Rational Integration of Inbuilt Aperture with Mesoporous Framework in Unusual Asymmetrical Yolk-Shell Structures for Energy Storage and Conversion. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 32901-32909	9.5	17
17	Self-assembly formation of NiCo ₂ O ₄ superstructures with porous architectures for electrochemical capacitors. <i>RSC Advances</i> , 2015 , 5, 53259-53266	3.7	15
16	Facile synthesis of flower-like hierarchical NiCo ₂ O ₄ microspheres as high-performance cathode materials for LiO ₂ batteries. <i>RSC Advances</i> , 2016 , 6, 98867-98873	3.7	11

15	Controllable Ag Migration To Form One-Dimensional Ag/Ag ₂ S@ZnS for Bifunctional Catalysis. <i>ACS Applied Energy Materials</i> , 2020 , 3, 6146-6154	6.1	10
14	Rational synthesis of SnS ₂ @C hollow microspheres with superior stability for lithium-ion batteries. <i>Science China Materials</i> , 2017 , 60, 955-962	7.1	9
13	Building Hematite Nanostructures by Oriented Attachment. <i>Angewandte Chemie</i> , 2011 , 123, 676-679	3.6	8
12	In-situ Copper Doping with ZnO/ZnS Heterostructures to Promote Interfacial Photocatalysis of Microsized Particles. <i>ChemCatChem</i> , 2021 , 13, 564-573	5.2	7
11	Unusual Formation of Co _{0.61} Se _{0.25} Anion Solid Solution with Sulfur Defects to Promote Electrocatalytic Water Reduction. <i>ACS Applied Energy Materials</i> , 2021 , 4, 2976-2982	6.1	6
10	Fabrication of MOF-derived mixed metal oxides with carbon residues for pseudocapacitors with long cycle life. <i>Rare Metals</i> , 1	5.5	6
9	Synergistic Interaction of Ternary NiCoCu Chalcogenides Confined in Nanosheets Array to Advance Supercapacitors and Solar Steam Generation. <i>Solar Rrl</i> , 2021 , 5, 2100021	7.1	5
8	Direct Utilization of Photoinduced Charge Carriers to Promote Electrochemical Energy Storage. <i>Small</i> , 2021 , 17, e2008047	11	5
7	Tailoring the Porous Structure of Mono-dispersed Hierarchically Nitrogen-doped Carbon Spheres for Highly Efficient Oxygen Reduction Reaction. <i>Energy and Environmental Materials</i> , 2021 , 4, 81-87	13	4
6	Nature-Inspired Design of Artificial Solar-to-Fuel Conversion Systems based on Copper Phosphate Microflowers. <i>ChemSusChem</i> , 2016 , 9, 1575-8	8.3	3
5	Facile fabrication of hollow CuO nanocubes for enhanced lithium/sodium storage performance. <i>CrystEngComm</i> , 2021 , 23, 6107-6116	3.3	3
4	Fabrication of Core-Shell Nanocolloids with Various Core Sizes to Promote Light Capture for Green Fuels. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 761-768	4.5	3
3	Enriching surface oxygen vacancies of spinel Co ₃ O ₄ to boost H ₂ O adsorption for HER in alkaline media. <i>Materials Advances</i> ,	3.3	2
2	Photoacoustic imaging of tumor-targeted HSA-modified S-WS ₂ nanosheet probes. <i>Journal of Nanoparticle Research</i> , 2019 , 21, 1	2.3	
1	Electrochemical Energy Storage: Direct Utilization of Photoinduced Charge Carriers to Promote Electrochemical Energy Storage (Small 21/2021). <i>Small</i> , 2021 , 17, 2170103	11	