

# Zumin Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,136  
citations

394421

19  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1609  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anchoring nitrogen-doped Co <sub>2</sub> P nanoflakes on NiCo <sub>2</sub> O <sub>4</sub> nanorod arrays over nickel foam as high-performance 3D electrode for alkaline hydrogen evolution. <i>Green Energy and Environment</i> , 2023, 8, 470-477.	8.7	12
2	The biomimetic engineering of metal-organic frameworks with single-chiral-site precision for asymmetric hydrogenation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6463-6469.	10.3	14
3	The development of hollow multishelled structure: from the innovation of synthetic method to the discovery of new characteristics. <i>Science China Chemistry</i> , 2022, 65, 7-19.	8.2	17
4	Semocrystalline SrTiO <sub>3</sub> -Decorated Anatase TiO <sub>2</sub> Nanopie as Heterostructure for Efficient Photocatalytic Hydrogen Evolution. <i>Small Methods</i> , 2022, 6, e2101567.	8.6	20
5	Tuning the Mn Dopant To Boost the Hydrogen Evolution Performance of CoP Nanowire Arrays. <i>Inorganic Chemistry</i> , 2022, 61, 9832-9839.	4.0	13
6	Stable confinement of Fe/Fe <sub>3</sub> C in Fe, N-codoped carbon nanotube towards robust zinc-air batteries. <i>Chinese Chemical Letters</i> , 2021, 32, 1121-1126.	9.0	45
7	Ti-MOF Derived N-Doped TiO <sub>2</sub> Nanostructure as Visible-light-driven Photocatalyst. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 447-452.	2.6	26
8	Nanostructured BiVO <sub>4</sub> Derived from Bi-MOF for Enhanced Visible-light Photodegradation. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 120-126.	2.6	11
9	When hollow multishelled structures (HoMSs) meet metal-organic frameworks (MOFs). <i>Chemical Science</i> , 2020, 11, 5359-5368.	7.4	39
10	A MOF-derived CuCo(O)@ carbon-nitrogen framework as an efficient synergistic catalyst for the hydrolysis of ammonia borane. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2043-2049.	6.0	34
11	Facile Synthesis of Fe-based MOFs(Fe-BTC) as Efficient Adsorbent for Water Purifications. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 564-569.	2.6	21
12	High Phase-Purity 1T-MoS <sub>2</sub> Ultrathin Nanosheets by a Spatially Confined Template. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17621-17624.	13.8	109
13	High Phase-Purity 1T-MoS <sub>2</sub> Ultrathin Nanosheets by a Spatially Confined Template. <i>Angewandte Chemie</i> , 2019, 131, 17785-17788.	2.0	67
14	Frontispiece: Triple-Shelled Manganese-Cobalt Oxide Hollow Dodecahedra with Highly Enhanced Performance for Rechargeable Alkaline Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, .	13.8	0
15	Frontispiz: Triple-Shelled Manganese-Cobalt Oxide Hollow Dodecahedra with Highly Enhanced Performance for Rechargeable Alkaline Batteries. <i>Angewandte Chemie</i> , 2019, 131, .	2.0	0
16	Lanthanide-Doped Photoluminescence Hollow Structures: Recent Advances and Applications. <i>Small</i> , 2019, 15, e1804510.	10.0	28
17	Triple-Shelled Manganese-Cobalt Oxide Hollow Dodecahedra with Highly Enhanced Performance for Rechargeable Alkaline Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 996-1001.	13.8	104
18	Triple-Shelled Manganese-Cobalt Oxide Hollow Dodecahedra with Highly Enhanced Performance for Rechargeable Alkaline Batteries. <i>Angewandte Chemie</i> , 2019, 131, 1008-1013.	2.0	17

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19	Hollow Micro/Nanostructured Ceria-Based Materials: Synthetic Strategies and Versatile Applications. <i>Advanced Materials</i> , 2019, 31, e1800592.	21.0	87
20	Controlled synthesis of silkworm cocoon-like $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> and its adsorptive properties for organic dyes and Cr(VI). <i>Materials Research Bulletin</i> , 2018, 100, 302-307.	5.2	13
21	Facile one-pot synthesis of MOF supported gold pseudo-single-atom catalysts for hydrogenation reactions. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1024-1030.	5.9	46
22	Construction of multi-shelled Bi <sub>2</sub> WO <sub>6</sub> hollow microspheres with enhanced visible light photo-catalytic performance. <i>Materials Research Bulletin</i> , 2018, 99, 331-335.	5.2	29
23	Cobalt hollow nanospheres: controlled synthesis, modification and highly catalytic performance for hydrolysis of ammonia borane. <i>Science Bulletin</i> , 2017, 62, 326-331.	9.0	17
24	Controlled synthesis of highly active Au/CeO <sub>2</sub> nanotubes for CO oxidation. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1629-1634.	5.9	21
25	Highly active CeO <sub>2</sub> hollow-shell spheres with Al doping. <i>Science China Materials</i> , 2017, 60, 646-653.	6.3	20
26	Composite Yttrium-Carbonaceous Spheres Templated Multi-Shell YVO <sub>4</sub> Hollow Spheres with Superior Upconversion Photoluminescence. <i>Advanced Materials</i> , 2017, 29, 1604377.	21.0	51
27	Multi-shelled copper oxide hollow spheres and their gas sensing properties. <i>Materials Research Bulletin</i> , 2017, 87, 214-218.	5.2	20
28	Heterostructured bismuth vanadate multi-shell hollow spheres with high visible-light-driven photocatalytic activity. <i>Materials Research Bulletin</i> , 2017, 86, 44-50.	5.2	48
29	Bismuth oxychloride hollow microspheres with high visible light photocatalytic activity. <i>Nano Research</i> , 2016, 9, 593-601.	10.4	88
30	Efficient water oxidation under visible light by tuning surface defects on ceria nanorods. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20465-20470.	10.3	82
31	Y <sub>2</sub> O <sub>3</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> Hollow Spheres with Controlled Inner Structures and Enhanced Upconverted Photoluminescence. <i>Small</i> , 2015, 11, 2768-2773.	10.0	35
32	Controlled synthesis of Y <sub>2</sub> O <sub>3</sub> nanoplates with improved performance. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	2