

# Zhenjun Wu

## List of Publications by Year in descending order

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29  
papers

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citations

471509

17  
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477307

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29  
docs citations

29  
times ranked

1181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-Doped NiCoP Porous Nanosheet Arrays as a Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. ACS Applied Energy Materials, 2018, 1, 571-579.	5.1	99
2	Artificial nitrogen fixation over bismuth-based photocatalysts: fundamentals and future perspectives. Journal of Materials Chemistry A, 2020, 8, 4978-4995.	10.3	97
3	Rising from the horizon: three-dimensional functional architectures assembled with MXene nanosheets. Journal of Materials Chemistry A, 2020, 8, 18538-18559.	10.3	86
4	Surface modification of basalt with silane coupling agent on asphalt mixture moisture damage. Applied Surface Science, 2015, 346, 497-502.	6.1	71
5	2D Titanium Carbide (MXene) Based Films: Expanding the Frontier of Functional Film Materials. Advanced Functional Materials, 2021, 31, 2105043.	14.9	50
6	Room-Temperature Assembled MXene-Based Aerogels for High Mass-Loading Sodium-Ion Storage. Nano-Micro Letters, 2022, 14, 37.	27.0	49
7	Controllable Synthesis of CoS <sub>2</sub> @N/Codoped Porous Carbon Derived from ZIF-67 for as a Highly Efficient Catalyst for the Hydrogen Evolution Reaction. ChemCatChem, 2018, 10, 796-803.	3.7	43
8	Oxygen plasma modified separator for lithium sulfur battery. RSC Advances, 2015, 5, 79473-79478.	3.6	39
9	Dynamic behavior of electroless nickel plating reaction on magnesium alloys. Journal of Coatings Technology Research, 2012, 9, 107-114.	2.5	31
10	Facile synthesis of <i>Camellia oleifera</i> shell-derived hard carbon as an anode material for lithium-ion batteries. RSC Advances, 2019, 9, 20424-20431.	3.6	31
11	Nitrogen-doped Carbon with Modulated Surface Chemistry and Porous Structure by a Stepwise Biomass Activation Process towards Enhanced Electrochemical Lithium-Ion Storage. Scientific Reports, 2019, 9, 15032.	3.3	24
12	Support interactions dictated active edge sites over MoS <sub>2</sub> @“carbon composites for hydrogen evolution. Nanoscale, 2020, 12, 1109-1117.	5.6	23
13	Porous hard carbon spheres derived from biomass for high-performance sodium/potassium-ion batteries. Nanotechnology, 2022, 33, 055401.	2.6	23
14	In-situ Formation of Ni <sub>3</sub> S <sub>2</sub> Interlayer between MoS <sub>2</sub> and Ni Foam for High-rate and Highly-durable Lithium Ion Batteries. Electrochimica Acta, 2016, 206, 52-60.	5.2	22
15	A facile cation-exchange approach to 2D PbS/amorphous MoS <sub>x</sub> heterojunction composites with enhanced photocatalytic activity. Journal of Alloys and Compounds, 2018, 768, 399-406.	5.5	21
16	In situ formation of bioactive calcium titanate coatings on titanium screws for medical implants. RSC Advances, 2016, 6, 53182-53187.	3.6	19
17	Surface Chemistry and Mesopore Dual Regulation by Sulfur-Promised High Volumetric Capacity of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> Films for Sodium-Ion Storage. Small, 2021, 17, e2103626.	10.0	19
18	Silica cages with controllable frameworks: synthesis, structure-tailoring, and formation mechanism. Journal of Materials Chemistry, 2008, 18, 5967.	6.7	16

#	ARTICLE	IF	CITATIONS
19	High conductivity of polyaniline@silver synthesized <i>in situ</i> by additional reductant. Journal of Applied Polymer Science, 2013, 130, 394-398.	2.6	14
20	A retrospective on MXene-based composites for solar fuel production. Pure and Applied Chemistry, 2020, 92, 1953-1969.	1.9	14
21	Self-assembled transition metal chalcogenides@CoAl-LDH 2D/2D heterostructures with enhanced photoactivity for hydrogen evolution. Inorganic Chemistry Frontiers, 2022, 9, 994-1005.	6.0	13
22	Light welding nanoparticles: from metal colloids to free-standing conductive metallic nanoparticle film. Science China Materials, 2017, 60, 39-48.	6.3	12
23	Electrostatically confined Bi/Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> on a sponge as an easily recyclable and durable catalyst for the reductive transformation of nitroarenes. Journal of Materials Chemistry A, 2021, 9, 19847-19853.	10.3	12
24	Low-temperature synthesis of mesoporous ZnTiO <sub>3</sub> @graphene composite for the removal of norfloxacin in aqueous solution. RSC Advances, 2016, 6, 103822-103829.	3.6	11
25	Facial synthesis of two-dimensional In <sub>2</sub> S <sub>3</sub> /Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> heterostructures with boosted photoactivity for the hydrogenation of nitroaromatic compounds. Materials Chemistry Frontiers, 2021, 5, 6883-6890.	5.9	9
26	SiO <sub>2</sub> -directed surface control of hierarchical MoS <sub>2</sub> microspheres for stable lithium-ion batteries. RSC Advances, 2015, 5, 74012-74016.	3.6	6
27	Comb-like polymer with sulfo groups and its dispersion and rheological properties in aqueous ceramic suspensions. Journal of Applied Polymer Science, 2017, 134, .	2.6	5
28	Stabilizing BiOCl/Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> hybrids for potassium-ion batteries <i>via</i> solid electrolyte interphase reconstruction. Inorganic Chemistry Frontiers, 2022, 9, 3165-3175.	6.0	5
29	Enzyme-active liquid coacervate microdroplets as artificial membraneless organelles for intracellular ROS scavenging. Biomaterials Science, 2022, 10, 4588-4595.	5.4	1