

Zhenjun Wu

List of Publications by Year in descending order

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29
papers

865
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471509

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1181
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous hard carbon spheres derived from biomass for high-performance sodium/potassium-ion batteries. <i>Nanotechnology</i> , 2022, 33, 055401.	2.6	23
2	Self-assembled transition metal chalcogenides@CoAl-LDH 2D/2D heterostructures with enhanced photoactivity for hydrogen evolution. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 994-1005.	6.0	13
3	Room-Temperature Assembled MXene-Based Aerogels for High Mass-Loading Sodium-Ion Storage. <i>Nano-Micro Letters</i> , 2022, 14, 37.	27.0	49
4	Stabilizing BiOCl/Ti ₃ C ₂ T _x hybrids for potassium-ion batteries via solid electrolyte interphase reconstruction. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3165-3175.	6.0	5
5	Enzyme-active liquid coacervate microdroplets as artificial membraneless organelles for intracellular ROS scavenging. <i>Biomaterials Science</i> , 2022, 10, 4588-4595.	5.4	1
6	Facial synthesis of two-dimensional In ₂ S ₃ /Ti ₃ C ₂ T _x heterostructures with boosted photoactivity for the hydrogenation of nitroaromatic compounds. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6883-6890.	5.9	9
7	Electrostatically confined Bi/Ti ₃ C ₂ T _x on a sponge as an easily recyclable and durable catalyst for the reductive transformation of nitroarenes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 19847-19853.	10.3	12
8	2D Titanium Carbide (MXene) Based Films: Expanding the Frontier of Functional Film Materials. <i>Advanced Functional Materials</i> , 2021, 31, 2105043.	14.9	50
9	Surface Chemistry and Mesopore Dual Regulation by Sulfur Promoted High Volumetric Capacity of Ti ₃ C ₂ T _x Films for Sodium-Ion Storage. <i>Small</i> , 2021, 17, e2103626.	10.0	19
10	Support interactions dictated active edge sites over MoS ₂ @carbon composites for hydrogen evolution. <i>Nanoscale</i> , 2020, 12, 1109-1117.	5.6	23
11	Rising from the horizon: three-dimensional functional architectures assembled with MXene nanosheets. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18538-18559.	10.3	86
12	Artificial nitrogen fixation over bismuth-based photocatalysts: fundamentals and future perspectives. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4978-4995.	10.3	97
13	A retrospective on MXene-based composites for solar fuel production. <i>Pure and Applied Chemistry</i> , 2020, 92, 1953-1969.	1.9	14
14	Facile synthesis of <i>Camellia oleifera</i> shell-derived hard carbon as an anode material for lithium-ion batteries. <i>RSC Advances</i> , 2019, 9, 20424-20431.	3.6	31
15	Nitrogen-doped Carbon with Modulated Surface Chemistry and Porous Structure by a Stepwise Biomass Activation Process towards Enhanced Electrochemical Lithium-Ion Storage. <i>Scientific Reports</i> , 2019, 9, 15032.	3.3	24
16	Iron-Doped NiCoP Porous Nanosheet Arrays as a Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2018, 1, 571-579.	5.1	99
17	Controllable Synthesis of CoS ₂ @N-Codoped Porous Carbon Derived from ZIF-67 for as a Highly Efficient Catalyst for the Hydrogen Evolution Reaction. <i>ChemCatChem</i> , 2018, 10, 796-803.	3.7	43
18	A facile cation-exchange approach to 2D PbS/amorphous MoS _x heterojunction composites with enhanced photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2018, 768, 399-406.	5.5	21

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19	Comblike polymer with sulfo groups and its dispersion and rheological properties in aqueous ceramic suspensions. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	5
20	Light welding nanoparticles: from metal colloids to free-standing conductive metallic nanoparticle film. <i>Science China Materials</i> , 2017, 60, 39-48.	6.3	12
21	In-situ Formation of Ni ₃ S ₂ Interlayer between MoS ₂ and Ni Foam for High-rate and Highly-durable Lithium Ion Batteries. <i>Electrochimica Acta</i> , 2016, 206, 52-60.	5.2	22
22	Low-temperature synthesis of mesoporous ZnTiO ₃ –graphene composite for the removal of norfloxacin in aqueous solution. <i>RSC Advances</i> , 2016, 6, 103822-103829.	3.6	11
23	In situ formation of bioactive calcium titanate coatings on titanium screws for medical implants. <i>RSC Advances</i> , 2016, 6, 53182-53187.	3.6	19
24	Surface modification of basalt with silane coupling agent on asphalt mixture moisture damage. <i>Applied Surface Science</i> , 2015, 346, 497-502.	6.1	71
25	Oxygen plasma modified separator for lithium sulfur battery. <i>RSC Advances</i> , 2015, 5, 79473-79478.	3.6	39
26	SiO ₂ -directed surface control of hierarchical MoS ₂ microspheres for stable lithium-ion batteries. <i>RSC Advances</i> , 2015, 5, 74012-74016.	3.6	6
27	High conductivity of polyaniline–silver synthesized <i>in situ</i> by additional reductant. <i>Journal of Applied Polymer Science</i> , 2013, 130, 394-398.	2.6	14
28	Dynamic behavior of electroless nickel plating reaction on magnesium alloys. <i>Journal of Coatings Technology Research</i> , 2012, 9, 107-114.	2.5	31
29	Silica cages with controllable frameworks: synthesis, structure-tailoring, and formation mechanism. <i>Journal of Materials Chemistry</i> , 2008, 18, 5967.	6.7	16