Zhenyuan Ji

List of Publications by Year in Descending Order

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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.

66 papers	2,730 citations	28 h-index	51 g-index
69 ext. papers	3,238 ext. citations	6.9 avg, IF	5.29 L-index

#	Paper	IF	Citations
66	Template-assisted synthesis of accordion-like CoFe(OH) nanosheet clusters on GO sheets for electrocatalytic water oxidation. *Journal of Electroanalytical Chemistry*, **2022**, 905, 115957	4.1	2
65	Decoration of nickel hexacyanoferrate nanocubes onto reduced graphene oxide sheets as high-performance cathode material for rechargeable aqueous zinc-ion batteries.. *Journal of Colloid and Interface Science*, **2022**, 609, 297-306	9.3	4
64	Nickel sulfide and cobalt sulfide nanoparticles deposited on ultrathin carbon two-dimensional nanosheets for hybrid supercapacitors. *Applied Surface Science*, **2022**, 574, 151727	6.7	2
63	Metal-organic frameworks-derived carbon modified wood carbon monoliths as three-dimensional self-supported electrodes with boosted electrochemical energy storage performance.. *Journal of Colloid and Interface Science*, **2022**, 620, 376-387	9.3	0
62	Hierarchical flower-like architecture of nickel phosphide anchored with nitrogen-doped carbon quantum dots and cobalt oxide for advanced hybrid supercapacitors. *Journal of Colloid and Interface Science*, **2021**,	9.3	4
61	Size-controllable synthesis of ZnGeO hollow rods supported on reduced graphene oxide as high-capacity anode for lithium-ion batteries. *Journal of Colloid and Interface Science*, **2021**, 589, 13-24	9.3	5
60	Anchoring nitrogen-doped carbon quantum dots on nickel carbonate hydroxide nanosheets for hybrid supercapacitor applications. *Journal of Colloid and Interface Science*, **2021**, 590, 614-621	9.3	10
59	NiFe-NiFe2O4/rGO composites: Controlled preparation and superior lithium storage properties. *Journal of the American Ceramic Society*, **2021**, 104, 6696	3.8	3
58	Construction of rGO-Encapsulated Co O -CoFe O Composites with a Double-Buffer Structure for High-Performance Lithium Storage. *Small*, **2021**, 17, e2101080	11	11
57	One-Pot Hydrothermal Synthesis of Ni3S2/MoS2/FeOOH Hierarchical Microspheres on Ni Foam as a High-Efficiency and Durable Dual-Function Electrocatalyst for Overall Water Splitting. *ChemElectroChem*, **2021**, 8, 665-674	4.3	5
56	High energy density hybrid supercapacitor based on cobalt-doped nickel sulfide flower-like hierarchitectures deposited with nitrogen-doped carbon dots. *Nanoscale*, **2021**, 13, 1689-1695	7.7	20
55	Carbon Cloth Supported Nitrogen Doped Porous Carbon Wrapped Co Nanoparticles for Effective Overall Water Splitting. *ChemCatChem*, **2021**, 13, 2158-2166	5.2	3
54	Scalable surface engineering of commercial metal foams for defect-rich hydroxides towards improved oxygen evolution. *Journal of Materials Chemistry A*, **2020**, 8, 12603-12612	13	12
53	Nitrogen-doped carbon dots anchored NiO/CoO ultrathin nanosheets as advanced cathodes for hybrid supercapacitors. *Journal of Colloid and Interface Science*, **2020**, 579, 282-289	9.3	22
52	Facile synthesis of novel tungsten-based hierarchical core-shell composite for ultrahigh volumetric lithium storage. *Journal of Colloid and Interface Science*, **2020**, 567, 28-36	9.3	3
51	Silk-inspired stretchable fiber-shaped supercapacitors with ultrahigh volumetric capacitance and energy density for wearable electronics. *Chemical Engineering Journal*, **2020**, 386, 124024	14.7	26
50	Amorphous CoFe(OH)x hollow hierarchical structure: an efficient and durable electrocatalyst for oxygen evolution reaction. *Catalysis Science and Technology*, **2020**, 10, 215-221	5.5	24

49	High-performance hybrid supercapacitor realized by nitrogen-doped carbon dots modified cobalt sulfide and reduced graphene oxide. *Electrochimica Acta*, **2020**, 334, 135632	6.7	34
48	Chitosan-assisted synthesis of wearable textile electrodes for high-performance electrochemical energy storage. *Cellulose*, **2019**, 26, 9349-9359	5.5	14
47	Nickel@Nitrogen-Doped Carbon@MoS Nanosheets: An Efficient Electrocatalyst for Hydrogen Evolution Reaction. *Small*, **2019**, 15, e1804545	11	83
46	Thermal Synthesis of Graphene Dispersed on Nitrogen-Doped Carbon Matrix as an Excellent Electrocatalyst for Oxygen Evolution Reaction. *ACS Applied Energy Materials*, **2019**, 2, 4075-4083	6.1	21
45	MOF derived CoP-decorated nitrogen-doped carbon polyhedrons/reduced graphene oxide composites for high performance supercapacitors. *Dalton Transactions*, **2019**, 48, 10661-10668	4.3	42
44	Nitrogen-doped carbon dots decorated ultrathin nickel hydroxide nanosheets for high-performance hybrid supercapacitor. *Journal of Colloid and Interface Science*, **2019**, 542, 392-399	9.3	42
43	Cellulose-derived nitrogen-doped hierarchically porous carbon for high-performance supercapacitors. *Cellulose*, **2019**, 26, 1195-1208	5.5	22
42	Flower-like silver bismuthate supported on nitrogen-doped carbon dots modified graphene oxide sheets with excellent degradation activity for organic pollutants. *Journal of Colloid and Interface Science*, **2019**, 540, 167-176	9.3	16
41	Metal-organic framework derived Fe/FeC@N-doped-carbon porous hierarchical polyhedrons as bifunctional electrocatalysts for hydrogen evolution and oxygen-reduction reactions. *Journal of Colloid and Interface Science*, **2018**, 524, 93-101	9.3	65
40	Nitrogen-doped carbon dots modified dibismuth tetraoxide microrods: A direct Z-scheme photocatalyst with excellent visible-light photocatalytic performance. *Journal of Colloid and Interface Science*, **2018**, 531, 473-482	9.3	28
39	Protein-derived nitrogen-doped hierarchically porous carbon as electrode material for supercapacitors. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 12206-12215	2.1	28
38	Nitrogen-doped carbon dot-modified Ag3PO4/GO photocatalyst with excellent visible-light-driven photocatalytic performance and mechanism insight. *Catalysis Science and Technology*, **2018**, 8, 632-641	5.5	36
37	Cyanide-metal framework derived CoMoO4/Co3O4 hollow porous octahedrons as advanced anodes for high performance lithium ion batteries. *Journal of Materials Chemistry A*, **2018**, 6, 1048-1056	13	67
36	Controllable Sandwiching of Reduced Graphene Oxide in Hierarchical Defect-Rich MoS2 Ultrathin Nanosheets with Expanded Interlayer Spacing for Electrocatalytic Hydrogen Evolution Reaction. *Advanced Materials Interfaces*, **2018**, 5, 1801093	4.6	30
35	An Electrocatalyst for a Hydrogen Evolution Reaction in an Alkaline Medium: Three-Dimensional Graphene Supported CeO2 Hollow Microspheres. *European Journal of Inorganic Chemistry*, **2018**, 2018, 3952-3959	2.3	13
34	Synthesis of GO/AgIO4 nanocomposites with enhanced photocatalytic efficiency in the degradation of organic pollutants. *Journal of Materials Science*, **2017**, 52, 6100-6110	4.3	10
33	An All-Solid-State Z-Scheme g-C3N4/Ag/Ag3VO4 Photocatalyst with Enhanced Visible-Light Photocatalytic Performance. *European Journal of Inorganic Chemistry*, **2017**, 2017, 2845-2853	2.3	40
32	g-CN/AgBr nanocomposite decorated with carbon dots as a highly efficient visible-light-driven photocatalyst. *Journal of Colloid and Interface Science*, **2017**, 502, 24-32	9.3	106

31	Fabrication of N-doped Reduced Graphene Oxide/Ag3PO4 Nanocomposite with Excellent Photocatalytic Activity for the Degradation of Organic Pollutants. *Nano*, **2017**, 12, 1750013	1.1	6
30	Facile synthesis and enhanced catalytic performance of reduced graphene oxide decorated with hexagonal structure Ni nanoparticles. *Journal of Colloid and Interface Science*, **2017**, 487, 223-230	9.3	15
29	One-step thermal synthesis of nickel nanoparticles modified graphene sheets for enzymeless glucose detection. *Journal of Colloid and Interface Science*, **2017**, 506, 678-684	9.3	21
28	Facile growth of Cu2O hollow cubes on reduced graphene oxide with remarkable electrocatalytic performance for non-enzymatic glucose detection. *New Journal of Chemistry*, **2017**, 41, 9223-9229	3.6	32
27	Reduced graphene oxide uniformly decorated with Co nanoparticles: facile synthesis, magnetic and catalytic properties. *RSC Advances*, **2016**, 6, 107709-107716	3.7	13
26	Organic-inorganic hybrid ZnS(butylamine) nanosheets and their transformation to porous ZnS. *Journal of Colloid and Interface Science*, **2016**, 468, 136-144	9.3	15
25	Synthesis of Cu3P nanocubes and their excellent electrocatalytic efficiency for the hydrogen evolution reaction in acidic solution. *RSC Advances*, **2016**, 6, 9672-9677	3.7	40
24	Morphological synthesis of Prussian blue analogue Zn3[Fe(CN)6]2?xH2O micro-/nanocrystals and their excellent adsorption performance toward methylene blue. *Journal of Colloid and Interface Science*, **2016**, 464, 191-7	9.3	17
23	Fe3O4-Decorated Co9S8 Nanoparticles In Situ Grown on Reduced Graphene Oxide: A New and Efficient Electrocatalyst for Oxygen Evolution Reaction. *Advanced Functional Materials*, **2016**, 26, 4712-4721	15.6	297
22	Synthesis of AgCl hollow cubes and their application in photocatalytic degradation of organic pollutants. *CrystEngComm*, **2015**, 17, 2517-2522	3.3	13
21	Facile synthesis of magnetically separable reduced graphene oxide/magnetite/silver nanocomposites with enhanced catalytic activity. *Journal of Colloid and Interface Science*, **2015**, 459, 79-85	9.3	34
20	Facile synthesis and gas-sensing performance of Sr- or Fe-doped In2O3 hollow sub-microspheres. *RSC Advances*, **2015**, 5, 64228-64234	3.7	18
19	Facile synthesis of nickel–cobalt sulfide/reduced graphene oxide hybrid with enhanced capacitive performance. *RSC Advances*, **2015**, 5, 58777-58783	3.7	63
18	Co3ZnC core–shell nanoparticle assembled microspheres/reduced graphene oxide as an advanced electrocatalyst for hydrogen evolution reaction in an acidic solution. *Journal of Materials Chemistry A*, **2015**, 3, 11066-11073	13	27
17	Facile electrochemical synthesis of CeO2@Ag@CdS nanotube arrays with enhanced photoelectrochemical water splitting performance. *Dalton Transactions*, **2015**, 44, 19935-41	4.3	21
16	Porous NiCo2O4 nanosheets/reduced graphene oxide composite: facile synthesis and excellent capacitive performance for supercapacitors. *Journal of Colloid and Interface Science*, **2015**, 440, 211-8	9.3	58
15	Controlled synthesis and gas sensing properties of porous Fe2O3/NiO hierarchical nanostructures. *CrystEngComm*, **2015**, 17, 5522-5529	3.3	18
14	Solvothermal synthesis of NiCo-layered double hydroxide nanosheets decorated on RGO sheets for high performance supercapacitor. *Chemical Engineering Journal*, **2015**, 268, 251-259	14.7	290

13	CoP nanoparticles deposited on reduced graphene oxide sheets as an active electrocatalyst for the hydrogen evolution reaction. *Journal of Materials Chemistry A*, **2015**, 3, 5337-5343	13	156
12	A facile and general route for the synthesis of semiconductor quantum dots on reduced graphene oxide sheets. *RSC Advances*, **2014**, 4, 13601	3.7	8
11	Large-scale facile synthesis of Fe-doped SnO2 porous hierarchical nanostructures and their enhanced lithium storage properties. *Journal of Materials Chemistry A*, **2014**, 2, 15875-15882	13	44
10	Anchoring noble metal nanoparticles on CeO2 modified reduced graphene oxide nanosheets and their enhanced catalytic properties. *Journal of Colloid and Interface Science*, **2014**, 432, 57-64	9.3	31
9	Facile synthesis of Co3O4 porous nanosheets/reduced graphene oxide composites and their excellent supercapacitor performance. *RSC Advances*, **2014**, 4, 53180-53187	3.7	58
8	Hydrothermal syntheses of silver phosphate nanostructures and their photocatalytic performance for organic pollutant degradation. *Crystal Research and Technology*, **2014**, 49, 975-981	1.3	12
7	Graphene Oxide Modified Ag2O Nanocomposites with Enhanced Photocatalytic Activity under Visible-Light Irradiation. *European Journal of Inorganic Chemistry*, **2013**, 2013, 6119-6125	2.3	49
6	Morphological syntheses of ZnO nanostructures under microwave irradiation. *Journal of Materials Science*, **2013**, 48, 2358-2364	4.3	7
5	Synthesis of reduced graphene oxide/CeO2 nanocomposites and their photocatalytic properties. *Nanotechnology*, **2013**, 24, 115603	3.4	118
4	Low temperature synthesis of spindle-like ZnO nanostructures under microwave irradiation. *Crystal Research and Technology*, **2013**, 48, 1022-1026	1.3	5
3	Reduced graphene oxide/nickel nanocomposites: facile synthesis, magnetic and catalytic properties. *Journal of Materials Chemistry*, **2012**, 22, 3471		237
2	Reduced graphene oxide supported FePt alloy nanoparticles with high electrocatalytic performance for methanol oxidation. *New Journal of Chemistry*, **2012**, 36, 1774	3.6	110
1	Preparation and characterization of graphene/NiO nanocomposites. *Journal of Materials Science*, **2011**, 46, 1190-1195	4.3	44