

# Zhenyuan Ji

## List of Publications by Year in descending order

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68

papers

3,678

citations

126907

33

h-index

133252

59

g-index

69

all docs

69

docs citations

69

times ranked

5534

citing authors

#	ARTICLE	IF	CITATIONS
1	Solvothermal synthesis of NiCo-layered double hydroxide nanosheets decorated on RGO sheets for high performance supercapacitor. Chemical Engineering Journal, 2015, 268, 251-259.	12.7	401
2	Fe <sub>3</sub> O <sub>4</sub> @Decorated Co <sub>9</sub> S <sub>8</sub> Nanoparticles In Situ Grown on Reduced Graphene Oxide: A New and Efficient Electrocatalyst for Oxygen Evolution Reaction. Advanced Functional Materials, 2016, 26, 4712-4721.	14.9	348
3	Reduced graphene oxide/nickel nanocomposites: facile synthesis, magnetic and catalytic properties. Journal of Materials Chemistry, 2012, 22, 3471.	6.7	273
4	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.	10.3	181
5	Synthesis of reduced graphene oxide/CeO <sub>2</sub> nanocomposites and their photocatalytic properties. Nanotechnology, 2013, 24, 115603.	2.6	135
6	g-C <sub>3</sub> N <sub>4</sub> /AgBr nanocomposite decorated with carbon dots as a highly efficient visible-light-driven photocatalyst. Journal of Colloid and Interface Science, 2017, 502, 24-32.	9.4	129
7	Nickel@Nitrogen@Doped Carbon@MoS <sub>2</sub> Nanosheets: An Efficient Electrocatalyst for Hydrogen Evolution Reaction. Small, 2019, 15, e1804545.	10.0	122
8	Reduced graphene oxide supported FePt alloy nanoparticles with high electrocatalytic performance for methanol oxidation. New Journal of Chemistry, 2012, 36, 1774.	2.8	120
9	Metal-organic framework derived Fe/Fe <sub>3</sub> C@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.	9.4	83
10	Cyanide-metal framework derived CoMoO <sub>4</sub> /Co <sub>3</sub> O <sub>4</sub> hollow porous octahedrons as advanced anodes for high performance lithium ion batteries. Journal of Materials Chemistry A, 2018, 6, 1048-1056.	10.3	81
11	Facile synthesis of nickel@cobalt sulfide/reduced graphene oxide hybrid with enhanced capacitive performance. RSC Advances, 2015, 5, 58777-58783.	3.6	75
12	Facile synthesis of Co <sub>3</sub> O <sub>4</sub> porous nanosheets/reduced graphene oxide composites and their excellent supercapacitor performance. RSC Advances, 2014, 4, 53180-53187.	3.6	68
13	Porous NiCo <sub>2</sub> O <sub>4</sub> nanosheets/reduced graphene oxide composite: Facile synthesis and excellent capacitive performance for supercapacitors. Journal of Colloid and Interface Science, 2015, 440, 211-218.	9.4	68
14	Nitrogen-doped carbon dots decorated ultrathin nickel hydroxide nanosheets for high-performance hybrid supercapacitor. Journal of Colloid and Interface Science, 2019, 542, 392-399.	9.4	64
15	High-performance hybrid supercapacitor realized by nitrogen-doped carbon dots modified cobalt sulfide and reduced graphene oxide. Electrochimica Acta, 2020, 334, 135632.	5.2	59
16	Graphene Oxide Modified Ag <sub>2</sub> O Nanocomposites with Enhanced Photocatalytic Activity under Visible-Light Irradiation. European Journal of Inorganic Chemistry, 2013, 2013, 6119-6125.	2.0	58
17	An All-Solid-State Z-Scheme g-C <sub>3</sub> N <sub>4</sub> /Ag/Ag <sub>3</sub> VO <sub>4</sub> Photocatalyst with Enhanced Visible-Light Photocatalytic Performance. European Journal of Inorganic Chemistry, 2017, 2017, 2845-2853.	2.0	56
18	MOF derived CoP-decorated nitrogen-doped carbon polyhedrons/reduced graphene oxide composites for high performance supercapacitors. Dalton Transactions, 2019, 48, 10661-10668.	3.3	55

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19	Preparation and characterization of graphene/NiO nanocomposites. Journal of Materials Science, 2011, 46, 1190-1195.	3.7	53
20	Large-scale facile synthesis of Fe-doped SnO <sub>2</sub> porous hierarchical nanostructures and their enhanced lithium storage properties. Journal of Materials Chemistry A, 2014, 2, 15875-15882.	10.3	49
21	Synthesis of Cu <sub>3</sub> P nanocubes and their excellent electrocatalytic efficiency for the hydrogen evolution reaction in acidic solution. RSC Advances, 2016, 6, 9672-9677.	3.6	49
22	Controllable Sandwiching of Reduced Graphene Oxide in Hierarchical Defect-Rich MoS <sub>2</sub> Ultrathin Nanosheets with Expanded Interlayer Spacing for Electrocatalytic Hydrogen Evolution Reaction. Advanced Materials Interfaces, 2018, 5, 1801093.	3.7	45
23	Silk-inspired stretchable fiber-shaped supercapacitors with ultrahigh volumetric capacitance and energy density for wearable electronics. Chemical Engineering Journal, 2020, 386, 124024.	12.7	45
24	Amorphous CoFe(OH) <sub>x</sub> hollow hierarchical structure: an efficient and durable electrocatalyst for oxygen evolution reaction. Catalysis Science and Technology, 2020, 10, 215-221.	4.1	44
25	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.	5.6	44
26	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.	9.4	43
27	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.	9.4	41
28	Nitrogen-doped carbon dot-modified Ag <sub>3</sub> PO <sub>4</sub> /GO photocatalyst with excellent visible-light-driven photocatalytic performance and mechanism insight. Catalysis Science and Technology, 2018, 8, 632-641.	4.1	41
29	Nitrogen-doped carbon dots anchored NiO/Co <sub>3</sub> O <sub>4</sub> ultrathin nanosheets as advanced cathodes for hybrid supercapacitors. Journal of Colloid and Interface Science, 2020, 579, 282-289.	9.4	41
30	Facile growth of Cu <sub>2</sub> O hollow cubes on reduced graphene oxide with remarkable electrocatalytic performance for non-enzymatic glucose detection. New Journal of Chemistry, 2017, 41, 9223-9229.	2.8	40
31	Cellulose-derived nitrogen-doped hierarchically porous carbon for high-performance supercapacitors. Cellulose, 2019, 26, 1195-1208.	4.9	40
32	Anchoring noble metal nanoparticles on CeO <sub>2</sub> modified reduced graphene oxide nanosheets and their enhanced catalytic properties. Journal of Colloid and Interface Science, 2014, 432, 57-64.	9.4	38
33	Construction of rGO-Encapsulated Co <sub>3</sub> O <sub>4</sub> @CoFe <sub>2</sub> O <sub>4</sub> Composites with a Double-Buffer Structure for High-Performance Lithium Storage. Small, 2021, 17, e2101080.	10.0	36
34	Protein-derived nitrogen-doped hierarchically porous carbon as electrode material for supercapacitors. Journal of Materials Science: Materials in Electronics, 2018, 29, 12206-12215.	2.2	34
35	Thermal Synthesis of FeNi@Nitrogen-Doped Graphene Dispersed on Nitrogen-Doped Carbon Matrix as an Excellent Electrocatalyst for Oxygen Evolution Reaction. ACS Applied Energy Materials, 2019, 2, 4075-4083.	5.1	34
36	Co <sub>3</sub> ZnC 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.	10.3	31

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37	Chitosan-assisted synthesis of wearable textile electrodes for high-performance electrochemical energy storage. <i>Cellulose</i> , 2019, 26, 9349-9359.	4.9	31
38	Anchoring nitrogen-doped carbon quantum dots on nickel carbonate hydroxide nanosheets for hybrid supercapacitor applications. <i>Journal of Colloid and Interface Science</i> , 2021, 590, 614-621.	9.4	30
39	Decoration of nickel hexacyanoferrate nanocubes onto reduced graphene oxide sheets as high-performance cathode material for rechargeable aqueous zinc-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 297-306.	9.4	30
40	Facile electrochemical synthesis of CeO <sub>2</sub> @Ag@CdS nanotube arrays with enhanced photoelectrochemical water splitting performance. <i>Dalton Transactions</i> , 2015, 44, 19935-19941.	3.3	27
41	An Electrocatalyst for a Hydrogen Evolution Reaction in an Alkaline Medium: Three-Dimensional Graphene Supported CeO <sub>2</sub> Hollow Microspheres. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3952-3959.	2.0	27
42	Facile synthesis and gas-sensing performance of Sr- or Fe-doped In <sub>2</sub> O <sub>3</sub> hollow sub-microspheres. <i>RSC Advances</i> , 2015, 5, 64228-64234.	3.6	25
43	Flower-like silver bismuthate supported on nitrogen-doped carbon dots modified graphene oxide sheets with excellent degradation activity for organic pollutants. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 167-176.	9.4	24
44	Dual functionalized Fe <sub>2</sub> O <sub>3</sub> nanosheets and Co <sub>9</sub> S <sub>8</sub> nanoflowers with phosphate and nitrogen-doped carbon dots for advanced hybrid supercapacitors. <i>Chemical Engineering Journal</i> , 2022, 450, 137942.	12.7	24
45	One-step thermal synthesis of nickel nanoparticles modified graphene sheets for enzymeless glucose detection. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 678-684.	9.4	23
46	Scalable surface engineering of commercial metal foams for defect-rich hydroxides towards improved oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 12603-12612.	10.3	23
47	Metal-organic frameworks-derived carbon modified wood carbon monoliths as three-dimensional self-supported electrodes with boosted electrochemical energy storage performance. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 376-387.	9.4	23
48	Controlled synthesis and gas sensing properties of porous Fe <sub>2</sub> O <sub>3</sub> /NiO hierarchical nanostructures. <i>CrystEngComm</i> , 2015, 17, 5522-5529.	2.6	22
49	Morphological synthesis of Prussian blue analogue Zn <sub>3</sub> [Fe(CN) <sub>6</sub> ]·2xH <sub>2</sub> O micro-/nanocrystals and their excellent adsorption performance toward methylene blue. <i>Journal of Colloid and Interface Science</i> , 2016, 464, 191-197.	9.4	22
50	Facile synthesis and enhanced catalytic performance of reduced graphene oxide decorated with hexagonal structure Ni nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 223-230.	9.4	21
51	Reduced graphene oxide uniformly decorated with Co nanoparticles: facile synthesis, magnetic and catalytic properties. <i>RSC Advances</i> , 2016, 6, 107709-107716.	3.6	20
52	Organic-inorganic hybrid ZnS(butylamine) nanosheets and their transformation to porous ZnS. <i>Journal of Colloid and Interface Science</i> , 2016, 468, 136-144.	9.4	19
53	Hierarchical flower-like architecture of nickel phosphide anchored with nitrogen-doped carbon quantum dots and cobalt oxide for advanced hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 503-512.	9.4	17
54	Hydrothermal syntheses of silver phosphate nanostructures and their photocatalytic performance for organic pollutant degradation. <i>Crystal Research and Technology</i> , 2014, 49, 975-981.	1.3	16

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55	One-Pot Hydrothermal Synthesis of Ni <sub>3</sub> S <sub>2</sub> /MoS <sub>2</sub> /FeOOH Hierarchical Microspheres on Ni Foam as a High-Efficiency and Durable Dual-Function Electrocatalyst for Overall Water Splitting. ChemElectroChem, 2021, 8, 665-674.	3.4	14
56	Nickel sulfide and cobalt sulfide nanoparticles deposited on ultrathin carbon two-dimensional nanosheets for hybrid supercapacitors. Applied Surface Science, 2022, 574, 151727.	6.1	14
57	Synthesis of AgCl hollow cubes and their application in photocatalytic degradation of organic pollutants. CrystEngComm, 2015, 17, 2517-2522.	2.6	13
58	Synthesis of GO-AgIO <sub>4</sub> nanocomposites with enhanced photocatalytic efficiency in the degradation of organic pollutants. Journal of Materials Science, 2017, 52, 6100-6110.	3.7	11
59	Size-controllable synthesis of Zn <sub>2</sub> GeO <sub>4</sub> 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.	9.4	10
60	Morphology-Dependent Electrocatalytic Performance of a Two-Dimensional Nickel-Iron MOF for Oxygen Evolution Reaction. Inorganic Chemistry, 2022, 61, 7095-7102.	4.0	10
61	Morphological syntheses of ZnO nanostructures under microwave irradiation. Journal of Materials Science, 2013, 48, 2358-2364.	3.7	9
62	Carbon Cloth Supported Nitrogen Doped Porous Carbon Wrapped Co Nanoparticles for Effective Overall Water Splitting. ChemCatChem, 2021, 13, 2158-2166.	3.7	9
63	A facile and general route for the synthesis of semiconductor quantum dots on reduced graphene oxide sheets. RSC Advances, 2014, 4, 13601.	3.6	8
64	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.	9.4	8
65	Fabrication of N-doped Reduced Graphene Oxide/Ag <sub>3</sub> PO <sub>4</sub> Nanocomposite with Excellent Photocatalytic Activity for the Degradation of Organic Pollutants. Nano, 2017, 12, 1750013.	1.0	7
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.	3.8	7
67	Low temperature synthesis of spindle-like ZnO nanostructures under microwave irradiation. Crystal Research and Technology, 2013, 48, 1022-1026.	1.3	5
68	NiFe-NiFe <sub>2</sub> O <sub>4</sub> /rGO composites: Controlled preparation and superior lithium storage properties. Journal of the American Ceramic Society, 2021, 104, 6696.	3.8	5