

# Zhenyuan Ji

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4413346/publications.pdf>

Version: 2024-02-01

68  
papers

3,678  
citations

126708

33  
h-index

133063

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. <i>Chemical Engineering Journal</i> , 2015, 268, 251-259.	6.6	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. <i>Advanced Functional Materials</i> , 2016, 26, 4712-4721.	7.8	348
3	Reduced graphene oxide/nickel nanocomposites: facile synthesis, magnetic and catalytic properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 3471.	6.7	273
4	CoP nanoparticles deposited on reduced graphene oxide sheets as an active electrocatalyst for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5337-5343.	5.2	181
5	Synthesis of reduced graphene oxide/CeO <sub>2</sub> nanocomposites and their photocatalytic properties. <i>Nanotechnology</i> , 2013, 24, 115603.	1.3	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. <i>Journal of Colloid and Interface Science</i> , 2017, 502, 24-32.	5.0	129
7	Nickel@Nitrogen-Doped Carbon@MoS <sub>2</sub> Nanosheets: An Efficient Electrocatalyst for Hydrogen Evolution Reaction. <i>Small</i> , 2019, 15, e1804545.	5.2	122
8	Reduced graphene oxide supported FePt alloy nanoparticles with high electrocatalytic performance for methanol oxidation. <i>New Journal of Chemistry</i> , 2012, 36, 1774.	1.4	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. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 93-101.	5.0	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. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1048-1056.	5.2	81
11	Facile synthesis of nickel-cobalt sulfide/reduced graphene oxide hybrid with enhanced capacitive performance. <i>RSC Advances</i> , 2015, 5, 58777-58783.	1.7	75
12	Facile synthesis of Co <sub>3</sub> O <sub>4</sub> porous nanosheets/reduced graphene oxide composites and their excellent supercapacitor performance. <i>RSC Advances</i> , 2014, 4, 53180-53187.	1.7	68
13	Porous NiCo <sub>2</sub> O <sub>4</sub> nanosheets/reduced graphene oxide composite: Facile synthesis and excellent capacitive performance for supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 211-218.	5.0	68
14	Nitrogen-doped carbon dots decorated ultrathin nickel hydroxide nanosheets for high-performance hybrid supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 392-399.	5.0	64
15	High-performance hybrid supercapacitor realized by nitrogen-doped carbon dots modified cobalt sulfide and reduced graphene oxide. <i>Electrochimica Acta</i> , 2020, 334, 135632.	2.6	59
16	Graphene Oxide Modified Ag <sub>2</sub> O Nanocomposites with Enhanced Photocatalytic Activity under Visible-Light Irradiation. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 6119-6125.	1.0	58
17	An All-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. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2845-2853.	1.0	56
18	MOF derived CoP-decorated nitrogen-doped carbon polyhedrons/reduced graphene oxide composites for high performance supercapacitors. <i>Dalton Transactions</i> , 2019, 48, 10661-10668.	1.6	55

#	ARTICLE	IF	CITATIONS
19	Preparation and characterization of graphene/NiO nanocomposites. <i>Journal of Materials Science</i> , 2011, 46, 1190-1195.	1.7	53
20	Large-scale facile synthesis of Fe-doped SnO <sub>2</sub> porous hierarchical nanostructures and their enhanced lithium storage properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15875-15882.	5.2	49
21	Synthesis of Cu <sub>3</sub> P nanocubes and their excellent electrocatalytic efficiency for the hydrogen evolution reaction in acidic solution. <i>RSC Advances</i> , 2016, 6, 9672-9677.	1.7	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. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801093.	1.9	45
23	Silk-inspired stretchable fiber-shaped supercapacitors with ultrahigh volumetric capacitance and energy density for wearable electronics. <i>Chemical Engineering Journal</i> , 2020, 386, 124024.	6.6	45
24	Amorphous CoFe(OH) <sub>x</sub> hollow hierarchical structure: an efficient and durable electrocatalyst for oxygen evolution reaction. <i>Catalysis Science and Technology</i> , 2020, 10, 215-221.	2.1	44
25	High energy density hybrid supercapacitor based on cobalt-doped nickel sulfide flower-like hierarchitectures deposited with nitrogen-doped carbon dots. <i>Nanoscale</i> , 2021, 13, 1689-1695.	2.8	44
26	Nitrogen-doped carbon dots modified dibismuth tetraoxide microrods: A direct Z-scheme photocatalyst with excellent visible-light photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 473-482.	5.0	43
27	Facile synthesis of magnetically separable reduced graphene oxide/magnetite/silver nanocomposites with enhanced catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2015, 459, 79-85.	5.0	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. <i>Catalysis Science and Technology</i> , 2018, 8, 632-641.	2.1	41
29	Nitrogen-doped carbon dots anchored NiO/Co <sub>3</sub> O <sub>4</sub> ultrathin nanosheets as advanced cathodes for hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 282-289.	5.0	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. <i>New Journal of Chemistry</i> , 2017, 41, 9223-9229.	1.4	40
31	Cellulose-derived nitrogen-doped hierarchically porous carbon for high-performance supercapacitors. <i>Cellulose</i> , 2019, 26, 1195-1208.	2.4	40
32	Anchoring noble metal nanoparticles on CeO <sub>2</sub> modified reduced graphene oxide nanosheets and their enhanced catalytic properties. <i>Journal of Colloid and Interface Science</i> , 2014, 432, 57-64.	5.0	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. <i>Small</i> , 2021, 17, e2101080.	5.2	36
34	Protein-derived nitrogen-doped hierarchically porous carbon as electrode material for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 12206-12215.	1.1	34
35	Thermal Synthesis of FeNi@Nitrogen-Doped Graphene Dispersed on Nitrogen-Doped Carbon Matrix as an Excellent Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 4075-4083.	2.5	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. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11066-11073.	5.2	31

#	ARTICLE	IF	CITATIONS
37	Chitosan-assisted synthesis of wearable textile electrodes for high-performance electrochemical energy storage. <i>Cellulose</i> , 2019, 26, 9349-9359.	2.4	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.	5.0	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.	5.0	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.	1.6	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.	1.0	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.	1.7	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.	5.0	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.	6.6	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.	5.0	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.	5.2	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.	5.0	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.	1.3	22
49	Morphological synthesis of Prussian blue analogue Zn <sub>3</sub> [Fe(CN) <sub>6</sub> ] <sub>2</sub> · xH <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.	5.0	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.	5.0	21
51	Reduced graphene oxide uniformly decorated with Co nanoparticles: facile synthesis, magnetic and catalytic properties. <i>RSC Advances</i> , 2016, 6, 107709-107716.	1.7	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.	5.0	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.	5.0	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.	0.6	16

#	ARTICLE	IF	CITATIONS
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. <i>ChemElectroChem</i> , 2021, 8, 665-674.	1.7	14
56	Nickel sulfide and cobalt sulfide nanoparticles deposited on ultrathin carbon two-dimensional nanosheets for hybrid supercapacitors. <i>Applied Surface Science</i> , 2022, 574, 151727.	3.1	14
57	Synthesis of AgCl hollow cubes and their application in photocatalytic degradation of organic pollutants. <i>CrystEngComm</i> , 2015, 17, 2517-2522.	1.3	13
58	Synthesis of GO-AgIO <sub>4</sub> nanocomposites with enhanced photocatalytic efficiency in the degradation of organic pollutants. <i>Journal of Materials Science</i> , 2017, 52, 6100-6110.	1.7	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. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 13-24.	5.0	10
60	Morphology-Dependent Electrocatalytic Performance of a Two-Dimensional Nickel-Iron MOF for Oxygen Evolution Reaction. <i>Inorganic Chemistry</i> , 2022, 61, 7095-7102.	1.9	10
61	Morphological syntheses of ZnO nanostructures under microwave irradiation. <i>Journal of Materials Science</i> , 2013, 48, 2358-2364.	1.7	9
62	Carbon Cloth Supported Nitrogen Doped Porous Carbon Wrapped Co Nanoparticles for Effective Overall Water Splitting. <i>ChemCatChem</i> , 2021, 13, 2158-2166.	1.8	9
63	A facile and general route for the synthesis of semiconductor quantum dots on reduced graphene oxide sheets. <i>RSC Advances</i> , 2014, 4, 13601.	1.7	8
64	Facile synthesis of novel tungsten-based hierarchical core-shell composite for ultrahigh volumetric lithium storage. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 28-36.	5.0	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. <i>Nano</i> , 2017, 12, 1750013.	0.5	7
66	Template-assisted synthesis of accordion-like CoFe(OH) nanosheet clusters on GO sheets for electrocatalytic water oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2022, 905, 115957.	1.9	7
67	Low temperature synthesis of spindle-like ZnO nanostructures under microwave irradiation. <i>Crystal Research and Technology</i> , 2013, 48, 1022-1026.	0.6	5
68	NiFe-NiFe <sub>2</sub> O <sub>4</sub> /rGO composites: Controlled preparation and superior lithium storage properties. <i>Journal of the American Ceramic Society</i> , 2021, 104, 6696.	1.9	5