

Xiaoping Shen

List of Publications by Year in descending order

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250
papers

15,722
citations

22153

59
h-index

20358

116
g-index

254
all docs

254
docs citations

254
times ranked

19992
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene nanosheets for enhanced lithium storage in lithium ion batteries. Carbon, 2009, 47, 2049-2053.	10.3	1,281
2	Synthesis and characterisation of hydrophilic and organophilic graphene nanosheets. Carbon, 2009, 47, 1359-1364.	10.3	565
3	Graphene inorganic nanocomposites. RSC Advances, 2012, 2, 64-98.	3.6	547
4	Hydrogels based on cellulose and chitin: fabrication, properties, and applications. Green Chemistry, 2016, 18, 53-75.	9.0	522
5	In situ chemical synthesis of SnO ₂ graphene nanocomposite as anode materials for lithium-ion batteries. Electrochemistry Communications, 2009, 11, 1849-1852.	4.7	520
6	Synthesis of enhanced hydrophilic and hydrophobic graphene oxide nanosheets by a solvothermal method. Carbon, 2009, 47, 68-72.	10.3	446
7	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
8	Hydrothermal Synthesis and Optical, Magnetic, and Supercapacitance Properties of Nanoporous Cobalt Oxide Nanorods. Journal of Physical Chemistry C, 2009, 113, 4357-4361.	3.1	374
9	Fe ₃ O ₄ Decorated Co ₉ S ₈ 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
10	Vascular and inflammatory stresses mediate atherosclerosis via RAGE and its ligands in apoE ^{-/-} mice. Journal of Clinical Investigation, 2008, 118, 183-194.	8.2	325
11	One-pot solvothermal preparation of magnetic reduced graphene oxide-ferrite hybrids for organic dye removal. Carbon, 2012, 50, 2337-2346.	10.3	321
12	Solvothermal synthesis and characterization of sandwich-like graphene/ZnO nanocomposites. Applied Surface Science, 2010, 256, 2826-2830.	6.1	310
13	Reduced graphene oxide/nickel nanocomposites: facile synthesis, magnetic and catalytic properties. Journal of Materials Chemistry, 2012, 22, 3471.	6.7	273
14	Nitrogen-doped carbon dots decorated on g-C ₃ N ₄ /Ag ₃ PO ₄ photocatalyst with improved visible light photocatalytic activity and mechanism insight. Applied Catalysis B: Environmental, 2018, 227, 459-469.	20.2	258
15	Solvothermal synthesis and gas-sensing performance of Co ₃ O ₄ hollow nanospheres. Sensors and Actuators B: Chemical, 2009, 136, 494-498.	7.8	185
16	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
17	Facile Fabrication and Enhanced Sensing Properties of Hierarchically Porous CuO Architectures. ACS Applied Materials & Interfaces, 2012, 4, 744-751.	8.0	171
18	In situ Growth of Ni _x Co _{100-x} Nanoparticles on Reduced Graphene Oxide Nanosheets and Their Magnetic and Catalytic Properties. ACS Applied Materials & Interfaces, 2012, 4, 2378-2386.	8.0	152

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19	Nanocomposites Based on CoSe ₂ -Decorated FeSe ₂ Nanoparticles Supported on Reduced Graphene Oxide as High-Performance Electrocatalysts toward Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2018, 10, 19258-19270.	8.0	147
20	Advanced mechanical properties of graphene paper. Journal of Applied Physics, 2011, 109, .	2.5	146
21	High performance supercapacitor electrode materials based on porous NiCo ₂ O ₄ hexagonal nanoplates/reduced graphene oxide composites. Chemical Engineering Journal, 2015, 262, 980-988.	12.7	143
22	Hierarchical NiO hollow microspheres assembled from nanosheet-stacked nanoparticles and their application in a gas sensor. RSC Advances, 2012, 2, 4236.	3.6	137
23	Synthesis of reduced graphene oxide/CeO ₂ nanocomposites and their photocatalytic properties. Nanotechnology, 2013, 24, 115603.	2.6	135
24	Ultrathin ZnS Single Crystal Nanowires: Controlled Synthesis and Room-Temperature Ferromagnetism Properties. Journal of the American Chemical Society, 2011, 133, 15605-15612.	13.7	130
25	g-C ₃ N ₄ /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
26	A novel reduced graphene oxide/Ag/CeO ₂ ternary nanocomposite: Green synthesis and catalytic properties. Applied Catalysis B: Environmental, 2014, 144, 454-461.	20.2	128
27	Ag nanoparticles decorated MnO ₂ /reduced graphene oxide as advanced electrode materials for supercapacitors. Chemical Engineering Journal, 2014, 252, 95-103.	12.7	127
28	Fabrication of an all solid Z-scheme photocatalyst g-C ₃ N ₄ /GO/AgBr with enhanced visible light photocatalytic activity. Applied Catalysis A: General, 2017, 539, 104-113.	4.3	124
29	Nickel@Nitrogen-Doped Carbon@MoS ₂ Nanosheets: An Efficient Electrocatalyst for Hydrogen Evolution Reaction. Small, 2019, 15, e1804545.	10.0	122
30	One-pot solvothermal syntheses and magnetic properties of graphene-based magnetic nanocomposites. Journal of Alloys and Compounds, 2010, 506, 136-140.	5.5	120
31	Reduced graphene oxide supported FePt alloy nanoparticles with high electrocatalytic performance for methanol oxidation. New Journal of Chemistry, 2012, 36, 1774.	2.8	120
32	Concave Co ₃ O ₄ octahedral mesocrystal: polymer-mediated synthesis and sensing properties. CrystEngComm, 2012, 14, 6264.	2.6	118
33	Preparation and characterization of graphene/CdS nanocomposites. Applied Surface Science, 2010, 257, 747-751.	6.1	113
34	Comparison of Hydrogels Prepared with Ionic-Liquid-Isolated vs Commercial Chitin and Cellulose. ACS Sustainable Chemistry and Engineering, 2016, 4, 471-480.	6.7	100
35	Synthesis of ternary Ag/ZnO/ZnFe ₂ O ₄ porous and hollow nanostructures with enhanced photocatalytic activity. Applied Catalysis B: Environmental, 2016, 184, 328-336.	20.2	99
36	Advanced Glycation End Product (AGE)-Receptor for AGE (RAGE) Signaling and Up-regulation of Egr-1 in Hypoxic Macrophages. Journal of Biological Chemistry, 2010, 285, 23233-23240.	3.4	95

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37	Co ₃ O ₄ /ZnO nanocomposites for gas-sensing applications. Applied Surface Science, 2013, 265, 379-384.	6.1	95
38	The influence of wrinkling in reduced graphene oxide on their adsorption and catalytic properties. Carbon, 2013, 60, 157-168.	10.3	90
39	Facile synthesis of WO ₃ nanorods/g-C ₃ N ₄ composites with enhanced photocatalytic activity. Ceramics International, 2015, 41, 5600-5606.	4.8	87
40	Small sized Fe-Co sulfide nanoclusters anchored on carbon for oxygen evolution. Journal of Materials Chemistry A, 2019, 7, 15851-15861.	10.3	87
41	Photochemical deposition of Ag nanocrystals on hierarchical ZnO microspheres and their enhanced gas-sensing properties. CrystEngComm, 2012, 14, 719-725.	2.6	83
42	Metal-organic framework derived Fe/Fe ₃ 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
43	Activation of the ROCK1 Branch of the Transforming Growth Factor- β Pathway Contributes to RAGE-Dependent Acceleration of Atherosclerosis in Diabetic ApoE-Null Mice. Circulation Research, 2010, 106, 1040-1051.	4.5	81
44	In situ synthesis of graphene/cobalt nanocomposites and their magnetic properties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 711-715.	3.5	81
45	Cyanide-metal framework derived CoMoO ₄ /Co ₃ O ₄ hollow porous octahedrons as advanced anodes for high performance lithium ion batteries. Journal of Materials Chemistry A, 2018, 6, 1048-1056.	10.3	81
46	Stable aqueous dispersions of graphene prepared with hexamethylenetetramine as a reductant. Journal of Colloid and Interface Science, 2011, 354, 493-497.	9.4	79
47	Morphology syntheses and properties of well-defined Prussian Blue nanocrystals by a facile solution approach. Journal of Colloid and Interface Science, 2009, 329, 188-195.	9.4	78
48	Metal organic framework derived NiFe@N-doped graphene microtube composites for hydrogen evolution catalyst. Carbon, 2017, 116, 68-76.	10.3	77
49	Magnetically recoverable Bi ₂ WO ₆ -Fe ₃ O ₄ composite photocatalysts: Fabrication and photocatalytic activity. Chemical Engineering Journal, 2012, 200-202, 521-531.	12.7	75
50	Nanocomposites of hematite (α -Fe ₂ O ₃) nanospindles with crumpled reduced graphene oxide nanosheets as high-performance anode material for lithium-ion batteries. RSC Advances, 2012, 2, 10977.	3.6	75
51	Facile synthesis of nickel-cobalt sulfide/reduced graphene oxide hybrid with enhanced capacitive performance. RSC Advances, 2015, 5, 58777-58783.	3.6	75
52	High-capacity room-temperature hydrogen storage of zeolitic imidazolate framework/graphene oxide promoted by platinum metal catalyst. International Journal of Hydrogen Energy, 2015, 40, 12275-12285.	7.1	69
53	Facile synthesis of Co ₃ O ₄ porous nanosheets/reduced graphene oxide composites and their excellent supercapacitor performance. RSC Advances, 2014, 4, 53180-53187.	3.6	68
54	Porous NiCo ₂ O ₄ 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

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55	CN foam loaded with few-layer graphene nanosheets for high-performance supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7591-7599.	10.3	67
56	Porous CuO superstructure: Precursor-mediated fabrication, gas sensing and photocatalytic properties. <i>Journal of Colloid and Interface Science</i> , 2012, 383, 75-81.	9.4	64
57	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.	9.4	64
58	Facile synthesis of reduced graphene oxide/CeO ₂ nanocomposites and their application in supercapacitors. <i>Ceramics International</i> , 2015, 41, 8710-8716.	4.8	63
59	MOF derived nitrogen-doped carbon polyhedrons decorated on graphitic carbon nitride sheets with enhanced electrochemical capacitive energy storage performance. <i>Electrochimica Acta</i> , 2018, 265, 651-661.	5.2	63
60	Preparation and gas-sensing performance of In ₂ O ₃ porous nanoplatelets. <i>Sensors and Actuators B: Chemical</i> , 2011, 155, 752-758.	7.8	61
61	In situ growth of hollow CuNi alloy nanoparticles on reduced graphene oxide nanosheets and their magnetic and catalytic properties. <i>Applied Surface Science</i> , 2014, 316, 575-581.	6.1	61
62	Assembly of Ag ₃ PO ₄ nanocrystals on graphene-based nanosheets with enhanced photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2013, 405, 1-9.	9.4	59
63	High-performance hybrid supercapacitor realized by nitrogen-doped carbon dots modified cobalt sulfide and reduced graphene oxide. <i>Electrochimica Acta</i> , 2020, 334, 135632.	5.2	59
64	Graphene Oxide Modified Ag ₂ O Nanocomposites with Enhanced Photocatalytic Activity under Visible-Light Irradiation. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 6119-6125.	2.0	58
65	Preparation and comparison of bulk and membrane hydrogels based on Kraft- and ionic-liquid-isolated lignins. <i>Green Chemistry</i> , 2016, 18, 5607-5620.	9.0	56
66	An All-Solid-State Zn ₃ C ₂ S ₄ /Ag ₃ VO ₄ Photocatalyst with Enhanced Visible-Light Photocatalytic Performance. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2845-2853.	2.0	56
67	MOF derived CoP-decorated nitrogen-doped carbon polyhedrons/reduced graphene oxide composites for high performance supercapacitors. <i>Dalton Transactions</i> , 2019, 48, 10661-10668.	3.3	55
68	Human Aldose Reductase Expression Accelerates Atherosclerosis in Diabetic Apolipoprotein E ^{-/-} Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1805-1813.	2.4	54
69	FeCo nanocrystals encapsulated in N-doped carbon nanospheres/thermal reduced graphene oxide hybrids: Facile synthesis, magnetic and catalytic properties. <i>Carbon</i> , 2014, 77, 255-265.	10.3	54
70	Monodispersed In ₂ O ₃ mesoporous nanospheres: One-step facile synthesis and the improved gas-sensing performance. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 977-985.	7.8	54
71	RAGE Suppresses ABCG1-Mediated Macrophage Cholesterol Efflux in Diabetes. <i>Diabetes</i> , 2015, 64, 4046-4060.	0.6	54
72	Synthesis and remarkable capacitive performance of reduced graphene oxide/silver/nickel-cobalt sulfide ternary nanocomposites. <i>Chemical Engineering Journal</i> , 2017, 308, 184-192.	12.7	54

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73	Title is missing!. Transition Metal Chemistry, 2002, 27, 372-376.	1.4	53
74	Preparation and characterization of graphene/NiO nanocomposites. Journal of Materials Science, 2011, 46, 1190-1195.	3.7	53
75	Enhanced gas sensing performance of Co-doped ZnO hierarchical microspheres to 1,2-dichloroethane. Sensors and Actuators B: Chemical, 2012, 166-167, 36-43.	7.8	53
76	PKC β Promotes Vascular Inflammation and Acceleration of Atherosclerosis in Diabetic ApoE Null Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1779-1787.	2.4	53
77	Fe ₃ O ₄ @NiS _x /rGO composites with amounts of heterointerfaces and enhanced electrocatalytic properties for oxygen evolution. Applied Surface Science, 2018, 442, 256-263.	6.1	51
78	Hydrothermal synthesis of MnCO ₃ nanorods and their thermal transformation into Mn ₂ O ₃ and Mn ₃ O ₄ nanorods with single crystalline structure. Journal of Alloys and Compounds, 2011, 509, 5672-5676.	5.5	50
79	Carbon coated nickel sulfide/reduced graphene oxide nanocomposites: facile synthesis and excellent supercapacitor performance. Electrochimica Acta, 2014, 146, 525-532.	5.2	50
80	Large-scale facile synthesis of Fe-doped SnO ₂ porous hierarchical nanostructures and their enhanced lithium storage properties. Journal of Materials Chemistry A, 2014, 2, 15875-15882.	10.3	49
81	Synthesis of Cu ₃ P nanocubes and their excellent electrocatalytic efficiency for the hydrogen evolution reaction in acidic solution. RSC Advances, 2016, 6, 9672-9677.	3.6	49
82	Growth of MoS ₂ nanosheets on M@N-doped carbon particles (M=Co, Fe or CoFe Alloy) as an efficient electrocatalyst toward hydrogen evolution reaction. Chemical Engineering Journal, 2022, 428, 132126.	12.7	49
83	Yolk-shelled ZnO NiO microspheres derived from tetracyanide-metallic-frameworks as bifunctional electrodes for high-performance lithium-ion batteries and supercapacitors. Journal of Power Sources, 2019, 421, 41-49.	7.8	48
84	Double-Network Hierarchical-Porous Piezoresistive Nanocomposite Hydrogel Sensors Based on Compressive Cellulosic Hydrogels Deposited with Silver Nanoparticles. ACS Sustainable Chemistry and Engineering, 2020, 8, 7480-7488.	6.7	48
85	Effect of catalyst loading on hydrogen storage capacity of ZIF-8/graphene oxide doped with Pt or Pd via spillover. Microporous and Mesoporous Materials, 2016, 229, 68-75.	4.4	47
86	Metal-organic framework-derived Co ₃ O ₄ covered by MoS ₂ nanosheets for high-performance lithium-ion batteries. Journal of Alloys and Compounds, 2018, 744, 220-227.	5.5	46
87	Controllable Sandwiching of Reduced Graphene Oxide in Hierarchical Defect-Rich MoS ₂ Ultrathin Nanosheets with Expanded Interlayer Spacing for Electrocatalytic Hydrogen Evolution Reaction. Advanced Materials Interfaces, 2018, 5, 1801093.	3.7	45
88	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
89	Loading of Ag on Fe-Co-S/N-doped carbon nanocomposite to achieve improved electrocatalytic activity for oxygen evolution reaction. Journal of Alloys and Compounds, 2019, 773, 40-49.	5.5	44
90	Amorphous CoFe(OH) _x hollow hierarchical structure: an efficient and durable electrocatalyst for oxygen evolution reaction. Catalysis Science and Technology, 2020, 10, 215-221.	4.1	44

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91	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.	5.6	44
92	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.	9.4	43
93	The first cyano-bridged heptanuclear Mn(III) ₆ Fe(III) cluster: crystal structure and magnetic properties of [Mn(salen)·H ₂ O] ₆ Fe(CN) ₆ [Fe(CN) ₆] ₆ ·6H ₂ O. <i>Journal of Molecular Structure</i> , 2003, 657, 325-331.	3.6	42
94	Reversible phase transfer of graphene oxide and its use in the synthesis of graphene-based hybrid materials. <i>Carbon</i> , 2011, 49, 4563-4570.	10.3	42
95	Ionic Liquid Templated Porous Boron-Doped Graphitic Carbon Nitride Nanosheet Electrode for High-Performance Supercapacitor. <i>Electrochimica Acta</i> , 2017, 245, 249-258.	5.2	42
96	Facile microwave-assisted synthesis of monodispersed ball-like Ag@AgBr photocatalyst with high activity and durability. <i>Applied Catalysis A: General</i> , 2013, 455, 183-192.	4.3	41
97	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.	9.4	41
98	Nitrogen-doped carbon dot-modified Ag ₃ PO ₄ /GO photocatalyst with excellent visible-light-driven photocatalytic performance and mechanism insight. <i>Catalysis Science and Technology</i> , 2018, 8, 632-641.	4.1	41
99	Polyaniline wrapped graphene functionalized textile with ultrahigh areal capacitance and energy density for high-performance all-solid-state supercapacitors for wearable electronics. <i>Composites Science and Technology</i> , 2020, 198, 108305.	7.8	41
100	Nitrogen-doped carbon dots anchored NiO/Co ₃ O ₄ ultrathin nanosheets as advanced cathodes for hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 282-289.	9.4	41
101	Enhanced electrocatalytic performance of Pt-based nanoparticles on reduced graphene oxide for methanol oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2012, 682, 95-100.	3.8	40
102	Porous SnO ₂ ·Fe ₂ O ₃ nanocubes with improved electrochemical performance for lithium ion batteries. <i>Dalton Transactions</i> , 2014, 43, 17544-17550.	3.3	40
103	Facile growth of Cu ₂ 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.	2.8	40
104	Cellulose-derived nitrogen-doped hierarchically porous carbon for high-performance supercapacitors. <i>Cellulose</i> , 2019, 26, 1195-1208.	4.9	40
105	Three-dimensional N-doped graphene/polyaniline composite foam for high performance supercapacitors. <i>Applied Surface Science</i> , 2018, 428, 348-355.	6.1	39
106	Synthesis of graphene oxide-BiPO ₄ composites with enhanced photocatalytic properties. <i>Applied Surface Science</i> , 2013, 284, 308-314.	6.1	38
107	Anchoring noble metal nanoparticles on CeO ₂ modified reduced graphene oxide nanosheets and their enhanced catalytic properties. <i>Journal of Colloid and Interface Science</i> , 2014, 432, 57-64.	9.4	38
108	Activating CoFe ₂ O ₄ electrocatalysts by trace Au for enhanced oxygen evolution activity. <i>Applied Surface Science</i> , 2019, 478, 206-212.	6.1	36

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109	Construction of rGO@Encapsulated Co ₃ O ₄ @CoFe ₂ O ₄ Composites with a Double-Buffer Structure for High-Performance Lithium Storage. <i>Small</i> , 2021, 17, e2101080.	10.0	36
110	Intrinsic Peroxidase-like Activity of Porous CuO Micro/nanostructures with Clean Surface. <i>Chinese Journal of Chemistry</i> , 2014, 32, 151-156.	4.9	35
111	In situ growth of FeNi alloy nanoflowers on reduced graphene oxide nanosheets and their magnetic properties. <i>CrystEngComm</i> , 2012, 14, 1432-1438.	2.6	34
112	Facile synthesis of Mn ₃ O ₄ /reduced graphene oxide nanocomposites with enhanced capacitive performance. <i>Journal of Alloys and Compounds</i> , 2016, 684, 366-371.	5.5	34
113	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.	2.2	34
114	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.	5.1	34
115	Peroxidase-Like Catalytic Activity of Ag ₃ PO ₄ Nanocrystals Prepared by a Colloidal Route. <i>PLoS ONE</i> , 2014, 9, e109158.	2.5	32
116	Reduced graphene oxide supported nitrogen-doped porous carbon-coated NiFe alloy composite with excellent electrocatalytic activity for oxygen evolution reaction. <i>Applied Surface Science</i> , 2019, 493, 963-974.	6.1	32
117	Co ₃ 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.	10.3	31
118	<i>Ager</i> Deletion Enhances Ischemic Muscle Inflammation, Angiogenesis, and Blood Flow Recovery in Diabetic Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1536-1547.	2.4	31
119	Chitosan-assisted synthesis of wearable textile electrodes for high-performance electrochemical energy storage. <i>Cellulose</i> , 2019, 26, 9349-9359.	4.9	31
120	Cuprous sulfide derived CuO nanowires as effective electrocatalyst for oxygen evolution. <i>Applied Surface Science</i> , 2021, 547, 149235.	6.1	31
121	A surface configuration strategy to hierarchical Fe-Co-S/Cu ₂ O/Cu electrodes for oxygen evolution in water/seawater splitting. <i>Applied Surface Science</i> , 2021, 567, 150757.	6.1	31
122	Dissolution-assistant all-in-one synthesis of N and S dual-doped porous carbon for high-performance supercapacitors. <i>Advanced Powder Technology</i> , 2019, 30, 2211-2217.	4.1	30
123	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
124	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
125	Sword/scabbard-shaped asymmetric all-solid-state supercapacitors based on PPy-MWCNTs-silk and hollow graphene tube for wearable applications. <i>Chemical Engineering Journal</i> , 2021, 411, 128522.	12.7	29
126	Ge nanoparticles uniformly immobilized on 3D interconnected porous graphene frameworks as anodes for high-performance lithium-ion batteries. <i>Journal of Energy Chemistry</i> , 2022, 69, 161-173.	12.9	29

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127	In-situ synthesis of NiS ₂ nanoparticles/MoS ₂ nanosheets hierarchical sphere anchored on reduced graphene oxide for enhanced electrocatalytic hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 624, 150-159.	9.4	29
128	Facile electrochemical synthesis of CeO ₂ @Ag@CdS nanotube arrays with enhanced photoelectrochemical water splitting performance. <i>Dalton Transactions</i> , 2015, 44, 19935-19941.	3.3	27
129	Belt-like nickel hydroxide carbonate/reduced graphene oxide hybrids: Synthesis and performance as supercapacitor electrodes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 538, 748-756.	4.7	27
130	An Electrocatalyst for a Hydrogen Evolution Reaction in an Alkaline Medium: Three-Dimensional Graphene Supported CeO ₂ Hollow Microspheres. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3952-3959.	2.0	27
131	In-situ synthesis of Ge/reduced graphene oxide composites as ultrahigh rate anode for lithium-ion battery. <i>Journal of Alloys and Compounds</i> , 2019, 801, 90-98.	5.5	27
132	Enhanced heavy metal adsorption ability of lignocellulosic hydrogel adsorbents by the structural support effect of lignin. <i>Cellulose</i> , 2019, 26, 4005-4019.	4.9	27
133	Cyanometallic frameworks derived hierarchical porous Fe ₂ O ₃ /NiO microflowers with excellent lithium-storage property. <i>Journal of Alloys and Compounds</i> , 2017, 698, 469-475.	5.5	26
134	Ionic liquid directed construction of foam-like mesoporous boron-doped graphitic carbon nitride electrode for high-performance supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 261-271.	9.4	26
135	Facile synthesis and gas-sensing performance of Sr- or Fe-doped In ₂ O ₃ hollow sub-microspheres. <i>RSC Advances</i> , 2015, 5, 64228-64234.	3.6	25
136	Construction of magnetically separable Ag ₃ PO ₄ /Fe ₃ O ₄ /GO composites as recyclable photocatalysts. <i>Ceramics International</i> , 2015, 41, 13509-13515.	4.8	25
137	Spatial Analysis of Regional Factors and Lung Cancer Mortality in China, 1973-2013. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 569-577.	2.5	25
138	Bimetallic metal-organic framework derived Sn-based nanocomposites for high-performance lithium storage. <i>Electrochimica Acta</i> , 2019, 323, 134855.	5.2	25
139	Ni ₃ S ₂ nanostrips@FeNi-NiFe ₂ O ₄ nanoparticles embedded in N-doped carbon microsphere: An improved electrocatalyst for oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 1-10.	9.4	25
140	ZnNi alloy nanoparticles grown on reduced graphene oxide nanosheets and their magnetic and catalytic properties. <i>RSC Advances</i> , 2014, 4, 386-394.	3.6	24
141	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
142	One step in-situ synthesis of Ni ₃ S ₂ /Fe ₂ O ₃ /N-doped carbon composites on Ni foam as an efficient electrocatalyst for overall water splitting. <i>Applied Surface Science</i> , 2020, 527, 146918.	6.1	24
143	Cyanide-metal framework derived porous MoO ₃ -Fe ₂ O ₃ hybrid micro- octahedrons as superior anode for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2021, 426, 130347.	12.7	24
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