

# Guoxing Zhu

## 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.

116  
papers

4,308  
citations

34  
h-index

62  
g-index

120  
ext. papers

5,055  
ext. citations

6.4  
avg, IF

5.76  
L-index

#	Paper	IF	Citations
116	Nickel sulfide and cobalt sulfide nanoparticles deposited on ultrathin carbon two-dimensional nanosheets for hybrid supercapacitors. <i>Applied Surface Science</i> , <b>2022</b> , 574, 151727	6.7	2
115	CoCu-hydroxyquinoline loaded on copper foam as effective pre-catalytic electrode for oxygen evolution. <i>Inorganic Chemistry Communication</i> , <b>2022</b> , 141, 109572	3.1	
114	An effective Fe/Co tripolyphosphate pre-catalyst for oxygen evolution with alkaline electrolyte. <i>Applied Surface Science</i> , <b>2021</b> , 575, 151761	6.7	2
113	A Wet Impregnation Strategy for Advanced FeNi-Based Electrocatalysts towards Oxygen Evolution. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 139-146	2.3	0
112	Molecular Precursor Route to CuCoS Nanosheets: A High-Performance Pre-Catalyst for Oxygen Evolution and Its Application in Zn-Air Batteries. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 6721-6730	5.1	11
111	Cuprous sulfide derived CuO nanowires as effective electrocatalyst for oxygen evolution. <i>Applied Surface Science</i> , <b>2021</b> , 547, 149235	6.7	12
110	Anchoring nitrogen-doped carbon quantum dots on nickel carbonate hydroxide nanosheets for hybrid supercapacitor applications. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 590, 614-621	9.3	10
109	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> , <b>2021</b> , 104, 6696	3.8	3
108	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> , <b>2021</b> , 8, 665-674	4.3	5
107	Highly monodispersed Fe <sub>2</sub> WO <sub>6</sub> micro-octahedrons with hierarchical porous structure and oxygen vacancies for lithium storage. <i>Chemical Engineering Journal</i> , <b>2021</b> , 413, 127504	14.7	5
106	High energy density hybrid supercapacitor based on cobalt-doped nickel sulfide flower-like hierarchitectures deposited with nitrogen-doped carbon dots. <i>Nanoscale</i> , <b>2021</b> , 13, 1689-1695	7.7	20
105	Carbon Cloth Supported Nitrogen Doped Porous Carbon Wrapped Co Nanoparticles for Effective Overall Water Splitting. <i>ChemCatChem</i> , <b>2021</b> , 13, 2158-2166	5.2	3
104	Photo-assistant electrocatalytic activity improvement towards oxygen evolution. <i>Advanced Powder Technology</i> , <b>2021</b> ,	4.6	3
103	In Situ Electrochemical Activation of Fe/Co-Based 8-Hydroxyquinoline Nanostructures on Copper Foam for Oxygen Evolution. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 9409-9417	5.6	2
102	A surface configuration strategy to hierarchical Fe-Co-S/Cu <sub>2</sub> O/Cu electrodes for oxygen evolution in water/seawater splitting. <i>Applied Surface Science</i> , <b>2021</b> , 567, 150757	6.7	4
101	Scalable surface engineering of commercial metal foams for defect-rich hydroxides towards improved oxygen evolution. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 12603-12612	13	12
100	Nitrogen-doped carbon dots anchored NiO/CoO ultrathin nanosheets as advanced cathodes for hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 579, 282-289	9.3	22

99	Reduced CoFe <sub>2</sub> O <sub>4</sub> /graphene composite with rich oxygen vacancies as a high efficient electrocatalyst for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 11052-11061 <sup>6.7</sup> <sup>13</sup>		
98	Poorly crystallized nickel hydroxide carbonate loading with Fe <sup>3+</sup> ions as improved electrocatalysts for oxygen evolution. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 114, 107851	3.1	4
97	One step in-situ synthesis of Ni <sub>3</sub> S <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> /N-doped carbon composites on Ni foam as an efficient electrocatalyst for overall water splitting. <i>Applied Surface Science</i> , <b>2020</b> , 527, 146918	6.7	13
96	Folic acid mediated synthesis of hierarchical ZnO micro-flower with improved gas sensing properties. <i>Advanced Powder Technology</i> , <b>2020</b> , 31, 2227-2234	4.6	5
95	Porous amorphous FeCo alloys as pre-catalysts for promoting the oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 828, 154465	5.7	26
94	Facile synthesis of novel tungsten-based hierarchical core-shell composite for ultrahigh volumetric lithium storage. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 567, 28-36	9.3	3
93	FeCo-based hybrid MOF derived active species for effective oxygen evolution. <i>Progress in Natural Science: Materials International</i> , <b>2020</b> , 30, 185-191	3.6	9
92	Fe <sup>3+</sup> /Co <sup>2+</sup> species loaded on carbon as an effective pre-catalyst for oxygen evolution. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 21326-21331	3.6	2
91	Controlled synthesis of [Fe(pyridine) <sub>2</sub> Ni(CN) <sub>4</sub> ] nanostructures and their shape-dependent spin-crossover properties. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2020</b> , 496, 165938	2.8	3
90	Amorphous CoFe(OH) <sub>x</sub> hollow hierarchical structure: an efficient and durable electrocatalyst for oxygen evolution reaction. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 215-221	5.5	24
89	CoFe-based electrocatalysts for oxygen evolution and reduction reaction <b>2020</b> , 265-293		
88	Incorporation of Fe/Co species on carbon: A facile strategy for boosting oxygen evolution. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 111, 107674	3.1	3
87	High-performance hybrid supercapacitor realized by nitrogen-doped carbon dots modified cobalt sulfide and reduced graphene oxide. <i>Electrochimica Acta</i> , <b>2020</b> , 334, 135632	6.7	34
86	Non-precious nickel-based catalysts for hydrogen oxidation reaction in alkaline electrolyte. <i>Electrochemistry Communications</i> , <b>2020</b> , 121, 106871	5.1	4
85	Loading of individual Se-doped FeO-decorated Ni/NiO particles on carbon cloth: facile synthesis and efficient electrocatalysis for the oxygen evolution reaction. <i>Dalton Transactions</i> , <b>2020</b> , 49, 15682-15692 <sup>4.3</sup>		3
84	In Situ Derived Electrocatalysts from Fe <sub>2</sub> Co Sulfides with Enhanced Activity toward Oxygen Evolution. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 18976-18985	3.9	17
83	Activating CoFe <sub>2</sub> O <sub>4</sub> electrocatalysts by trace Au for enhanced oxygen evolution activity. <i>Applied Surface Science</i> , <b>2019</b> , 478, 206-212	6.7	26
82	Nickel@Nitrogen-Doped Carbon@MoS Nanosheets: An Efficient Electrocatalyst for Hydrogen Evolution Reaction. <i>Small</i> , <b>2019</b> , 15, e1804545	11	83

81	Small sized Fe <sub>3</sub> O <sub>4</sub> sulfide nanoclusters anchored on carbon for oxygen evolution. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 15851-15861	13	57
80	Thermal Synthesis of [email protected] Graphene Dispersed on Nitrogen-Doped Carbon Matrix as an Excellent Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 4075-4083	6.1	21
79	MOF derived CoP-decorated nitrogen-doped carbon polyhedrons/reduced graphene oxide composites for high performance supercapacitors. <i>Dalton Transactions</i> , <b>2019</b> , 48, 10661-10668	4.3	42
78	In situ Surface Chemistry Engineering of Cobalt-Sulfide Nanosheets for Improved Oxygen Evolution Activity. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 4439-4449	6.1	26
77	Nitrogen-doped carbon dots decorated ultrathin nickel hydroxide nanosheets for high-performance hybrid supercapacitor. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 542, 392-399	9.3	42
76	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> , <b>2019</b> , 493, 963-974	6.7	22
75	Cellulose-derived nitrogen-doped hierarchically porous carbon for high-performance supercapacitors. <i>Cellulose</i> , <b>2019</b> , 26, 1195-1208	5.5	22
74	CoFe Bimetal Phosphate Composite Loaded on Reduced Graphene Oxide for Oxygen Evolution. <i>Nano</i> , <b>2019</b> , 14, 1950003	1.1	5
73	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> , <b>2019</b> , 540, 167-176	9.3	16
72	Loading of Ag on Fe-Co-S/N-doped carbon nanocomposite to achieve improved electrocatalytic activity for oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 773, 40-49	5.7	33
71	Fe <sub>3</sub> O <sub>4</sub> @NiS <sub>x</sub> /rGO composites with amounts of heterointerfaces and enhanced electrocatalytic properties for oxygen evolution. <i>Applied Surface Science</i> , <b>2018</b> , 442, 256-263	6.7	40
70	Metal-organic framework derived Fe/FeC@N-doped-carbon porous hierarchical polyhedrons as bifunctional electrocatalysts for hydrogen evolution and oxygen-reduction reactions. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 524, 93-101	9.3	65
69	Nitrogen-doped carbon dots decorated on g-C <sub>3</sub> N <sub>4</sub> /Ag <sub>3</sub> PO <sub>4</sub> photocatalyst with improved visible light photocatalytic activity and mechanism insight. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 227, 459-469	21.8	180
68	Ag@CoFe <sub>2</sub> O <sub>4</sub> /Fe <sub>2</sub> O <sub>3</sub> nanorod arrays on carbon fiber cloth as SERS substrate and photo-Fenton catalyst for detection and degradation of R6G. <i>Ceramics International</i> , <b>2018</b> , 44, 7580-7587	5.1	21
67	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> , <b>2018</b> , 532, 261-271	9.3	18
66	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> , <b>2018</b> , 531, 473-482	9.3	28
65	Nanocomposites Based on CoSe-Decorated FeSe Nanoparticles Supported on Reduced Graphene Oxide as High-Performance Electrocatalysts toward Oxygen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 19258-19270	9.5	96
64	Protein-derived nitrogen-doped hierarchically porous carbon as electrode material for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 12206-12215	2.1	28

63	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> , <b>2018</b> , 538, 748-756	5.1	23
62	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> , <b>2018</b> , 8, 632-641	5.5	36
61	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> , <b>2018</b> , 5, 1801093	4.6	30
60	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> , <b>2018</b> , 2018, 3952-3959	2.3	13
59	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> , <b>2017</b> , 41, 9223-9229	3.6	32
58	Porous Fe-Mn-O nanocomposites: Synthesis and supercapacitor electrode application. <i>Progress in Natural Science: Materials International</i> , <b>2016</b> , 26, 264-270	3.6	16
57	Experimental Observation of Fullerene Crystalline Growth from Mesocrystal to Single Crystal. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 1306-1310	3.5	7
56	Organic-inorganic hybrid ZnS(butylamine) nanosheets and their transformation to porous ZnS. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 468, 136-144	9.3	15
55	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> , <b>2016</b> , 464, 191-7	9.3	17
54	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> , <b>2016</b> , 26, 4712-4721	15.6	297
53	Synthesis of AgCl hollow cubes and their application in photocatalytic degradation of organic pollutants. <i>CrystEngComm</i> , <b>2015</b> , 17, 2517-2522	3.3	13
52	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> , <b>2015</b> , 5, 64228-64234	3.7	18
51	Monodispersed In <sub>2</sub> O <sub>3</sub> mesoporous nanospheres: One-step facile synthesis and the improved gas-sensing performance. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 220, 977-985	8.5	44
50	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> , <b>2015</b> , 3, 11066-11073	13	27
49	Phase purification of Cu <sub>2</sub> S system towards Cu <sub>1.8</sub> S and its catalytic properties for a clock reaction. <i>RSC Advances</i> , <b>2015</b> , 5, 103458-103464	3.7	6
48	Small molecular amine mediated synthesis of hydrophilic CdS nanorods and their photoelectrochemical water splitting performance. <i>Dalton Transactions</i> , <b>2015</b> , 44, 1465-72	4.3	18
47	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> , <b>2015</b> , 440, 211-8	9.3	58
46	Controlled synthesis and gas sensing properties of porous Fe <sub>2</sub> O <sub>3</sub> /NiO hierarchical nanostructures. <i>CrystEngComm</i> , <b>2015</b> , 17, 5522-5529	3.3	18

45	Synthesis, characterization and in vitro anticancer activity of the biomolecule-based coordination complex nanotubes. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 296-305	7-3	23
44	CN foam loaded with few-layer graphene nanosheets for high-performance supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 7591-7599	13	54
43	CoP nanoparticles deposited on reduced graphene oxide sheets as an active electrocatalyst for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 5337-5343	13	156
42	Ag@Fe <sub>3</sub> O <sub>4</sub> nanowire: fabrication, characterization and peroxidase-like activity. <i>Crystal Research and Technology</i> , <b>2014</b> , 49, 309-314	1-3	34
41	A facile and general route for the synthesis of semiconductor quantum dots on reduced graphene oxide sheets. <i>RSC Advances</i> , <b>2014</b> , 4, 13601	3-7	8
40	Self-regulated route to ternary hybrid nanocrystals of Ag-Ag <sub>2</sub> S-CdS with near-infrared photoluminescence and enhanced photothermal conversion. <i>Nanoscale</i> , <b>2014</b> , 6, 11147-56	7-7	27
39	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> , <b>2014</b> , 2, 15875-15882	13	44
38	ZnNi alloy nanoparticles grown on reduced graphene oxide nanosheets and their magnetic and catalytic properties. <i>RSC Advances</i> , <b>2014</b> , 4, 386-394	3-7	21
37	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> , <b>2014</b> , 432, 57-64	9-3	31
36	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> , <b>2014</b> , 4, 53180-53187	3-7	58
35	One-pot synthesis of PrPO <sub>4</sub> nanorods/reduced graphene oxide composites and their photocatalytic properties. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 2305	3-6	10
34	Carbon-coated Zinc Sulfide nano-clusters: synthesis, photothermal conversion and adsorption properties. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 436, 63-9	9-3	9
33	Co <sub>3</sub> O <sub>4</sub> nanostructures with a high rate performance as anode materials for lithium-ion batteries, prepared via book-like cobalt-organic frameworks. <i>CrystEngComm</i> , <b>2014</b> , 16, 10227-10234	3-3	37
32	Nanosheet-based hierarchical Ni <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>2</sub> microspheres with weak crystallinity for high-performance supercapacitor. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 17208-14	9-5	105
31	FeCo nanocrystals encapsulated in N-doped carbon nanospheres/thermal reduced graphene oxide hybrids: Facile synthesis, magnetic and catalytic properties. <i>Carbon</i> , <b>2014</b> , 77, 255-265	10-4	49
30	Intrinsic Peroxidase-like Activity of Porous CuO Micro-/nanostructures with Clean Surface. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 151-156	4-9	27
29	Microwave-assistant route to hybrid semiconductor nanocrystals with quasi solution-solid-solid mechanism. <i>Crystal Research and Technology</i> , <b>2014</b> , 49, 431-434	1-3	5
28	Ag <sub>2</sub> S@CoS <sub>2</sub> hetero-nanostructures: One-pot colloidal synthesis and improved magnetic properties. <i>Functional Materials Letters</i> , <b>2014</b> , 07, 1450024	1-2	2

27	Peroxidase-like catalytic activity of Ag <sub>3</sub> PO <sub>4</sub> nanocrystals prepared by a colloidal route. <i>PLoS ONE</i> , <b>2014</b> , 9, e109158	3.7	26
26	A novel reduced graphene oxide/Ag/CeO <sub>2</sub> ternary nanocomposite: Green synthesis and catalytic properties. <i>Applied Catalysis B: Environmental</i> , <b>2014</b> , 144, 454-461	21.8	108
25	Reduced graphene oxide/CoSe <sub>2</sub> nanocomposites: hydrothermal synthesis and their enhanced electrocatalytic activity. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 7913-7919	4.3	9
24	Polymer guided synthesis of Ni(OH) <sub>2</sub> with hierarchical structure and their application as the precursor for sensing materials. <i>CrystEngComm</i> , <b>2013</b> , 15, 9189	3.3	16
23	Platelet-like nickel hydroxide: synthesis and the transferring to nickel oxide as a gas sensor. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 412, 100-6	9.3	11
22	Graphene Oxide Modified Ag <sub>2</sub> O Nanocomposites with Enhanced Photocatalytic Activity under Visible-Light Irradiation. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 6119-6125	2.3	49
21	Coordination polymer micro/nano-crystals: controlled synthesis and formation mechanism in the case of Mn <sub>2</sub> Mo(CN) <sub>8</sub> ·xH <sub>2</sub> O. <i>CrystEngComm</i> , <b>2013</b> , 15, 2909	3.3	6
20	Morphological syntheses of ZnO nanostructures under microwave irradiation. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 2358-2364	4.3	7
19	Optical Properties and a Simple and General Route for the Rapid Syntheses of Reduced Graphene Oxide/Metal Sulfide Nanocomposites. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 256-262	2.3	17
18	The influence of wrinkling in reduced graphene oxide on their adsorption and catalytic properties. <i>Carbon</i> , <b>2013</b> , 60, 157-168	10.4	69
17	Low temperature synthesis of spindle-like ZnO nanostructures under microwave irradiation. <i>Crystal Research and Technology</i> , <b>2013</b> , 48, 1022-1026	1.3	5
16	Shape and Size Tunable Synthesis of Coordination Polymer Mn <sub>2</sub> W(CN) <sub>8</sub> ·xH <sub>2</sub> O Microcrystals through a Simple Solution Chemical Route. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 5297-5302	2.3	5
15	Enhanced gas sensing performance of Co-doped ZnO hierarchical microspheres to 1,2-dichloroethane. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 166-167, 36-43	8.5	45
14	Reduced graphene oxide/nickel nanocomposites: facile synthesis, magnetic and catalytic properties. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 3471		237
13	Hierarchical NiO hollow microspheres assembled from nanosheet-stacked nanoparticles and their application in a gas sensor. <i>RSC Advances</i> , <b>2012</b> , 2, 4236	3.7	125
12	Concave Co <sub>3</sub> O <sub>4</sub> octahedral mesocrystal: polymer-mediated synthesis and sensing properties. <i>CrystEngComm</i> , <b>2012</b> , 14, 6264	3.3	97
11	Photochemical deposition of Ag nanocrystals on hierarchical ZnO microspheres and their enhanced gas-sensing properties. <i>CrystEngComm</i> , <b>2012</b> , 14, 719-725	3.3	75
10	In situ growth of Ni(x)Co(100-x) nanoparticles on reduced graphene oxide nanosheets and their magnetic and catalytic properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 2378-86	9.5	136

9	Facile fabrication and enhanced sensing properties of hierarchically porous CuO architectures. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 744-51	9.5	155
8	In situ growth of FeNi alloy nanoflowers on reduced graphene oxide nanosheets and their magnetic properties. <i>CrystEngComm</i> , <b>2012</b> , 14, 1432-1438	3.3	30
7	Reduced graphene oxide supported FePt alloy nanoparticles with high electrocatalytic performance for methanol oxidation. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 1774	3.6	110
6	Nanocomposites of hematite ( $\alpha\text{-Fe}_2\text{O}_3$ ) nanospindles with crumpled reduced graphene oxide nanosheets as high-performance anode material for lithium-ion batteries. <i>RSC Advances</i> , <b>2012</b> , 2, 10977	3.7	72
5	PVP-mediated synthesis of $\text{MPO}_4$ (M = Y, Er) hollow mesocrystal cubes via a ripening process. <i>CrystEngComm</i> , <b>2012</b> , 14, 6540	3.3	17
4	Controllable growth of semiconductor heterostructures mediated by bifunctional $\text{Ag}_2\text{S}$ nanocrystals as catalyst or source-host. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 148-57	16.4	163
3	Ultrathin ZnS single crystal nanowires: controlled synthesis and room-temperature ferromagnetism properties. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 15605-12	16.4	120
2	Fabrication and Enhanced Rectifying Performance of $\text{Zn}_{1-x}\text{Co}_x\text{O}$ Nanowall Vertically Growing on Si Wafer. <i>Chemistry Letters</i> , <b>2010</b> , 39, 994-995	1.7	10
1	Flexible magnetic nanoparticles-reduced graphene oxide composite membranes formed by self-assembly in solution. <i>ChemPhysChem</i> , <b>2010</b> , 11, 2432-7	3.2	50