

# Bin Dong

## 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.

223  
papers

7,930<sup>0</sup>  
citations

53  
h-index

78  
g-index

237  
ext. papers

9,732  
ext. citations

7.1  
avg, IF

6.36  
L-index

#	Paper	IF	Citations
223	Vanadium doped FeP nanoflower with optimized electronic structure for efficient hydrogen evolution.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 615, 445-455	9.3	5
222	Amorphous-crystalline cobalt phosphide hollow nanocubes induced by dual ligand environment for highly efficient hydrogen evolution.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 614, 84-91	9.3	0
221	Tailoring the d-band centers of FeP nanobelt arrays by fluorine doping for enhanced hydrogen evolution at high current density. <i>Fuel</i> , <b>2022</b> , 316, 123206	7.1	0
220	The role of Nb <sub>2</sub> O <sub>5</sub> in controlling metal-acid sites of CoMoS/Al <sub>2</sub> O <sub>3</sub> catalyst for the enhanced hydrodeoxygenation of guaiacol into hydrocarbons. <i>Journal of Catalysis</i> , <b>2022</b> , 407, 19-28	7.3	0
219	Modulation engineering of alkaline oxygen evolution reaction based on microwave activation of Ni, Fe bimetal doped MnO <sub>2</sub> . <i>Catalysis Communications</i> , <b>2022</b> , 162, 106380	3.2	2
218	Directional regulating dynamic equilibrium to continuously update electrocatalytic interface for oxygen evolution reaction. <i>Chemical Engineering Journal</i> , <b>2022</b> , 431, 134040	14.7	12
217	Motivating high-valence Nb doping by fast molten salt method for NiFe hydroxides toward efficient oxygen evolution reaction. <i>Chemical Engineering Journal</i> , <b>2022</b> , 427, 131643	14.7	13
216	An generated 3D porous nanostructure on 2D nanosheets to boost the oxygen evolution reaction for water-splitting.. <i>Nanoscale</i> , <b>2022</b> ,	7.7	4
215	Constructing partially amorphous borate doped iron-nickel nitrate hydroxide nanoarrays by rapid microwave activation for oxygen evolution. <i>Applied Surface Science</i> , <b>2022</b> , 153245	6.7	0
214	Interface design and composition regulation of cobalt-based electrocatalysts for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2022</b> , 47, 10547-10572	6.7	2
213	Metallic MoO layer promoting high-valence Mo doping into CoP nanowires with ultrahigh activity for hydrogen evolution at 2000 mA cm <sup>-2</sup> . <i>Applied Catalysis B: Environmental</i> , <b>2022</b> , 309, 121230	21.8	0
212	Strong ion interaction inducing ultrahigh activity of NiCoP nanowires for overall water splitting at large current density. <i>Applied Surface Science</i> , <b>2022</b> , 589, 152837	6.7	0
211	Underpotential deposition promoting low Pt loading on MoO <sub>2</sub> /MoS <sub>2</sub> heterostructure towards wide pH green hydrogen evolution. <i>Fuel</i> , <b>2022</b> , 324, 124343	7.1	1
210	Metal-rich heterostructure of Ag-doped FeS/Fe <sub>2</sub> P for robust hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , <b>2022</b> , 47, 20518-20528	6.7	0
209	Dynamic anion regulation to construct S-doped FeOOH realizing 1000 mA cm <sup>-2</sup> -level-current-density oxygen evolution over 1000 h. <i>Applied Catalysis B: Environmental</i> , <b>2022</b> , 121571	21.8	2
208	Boosting oxygen evolution by nickel nitrate hydroxide with abundant grain boundaries via segregated high-valence molybdenum.. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 613, 224-233	9.3	0
207	Nickel hydroxide armour promoted CoP nanowires for alkaline hydrogen evolution at large current density. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 47, 1016-1016	6.7	1

206	High-density ultrafine RuP2 with strong catalyst-support interaction driven by dual-ligand and tungsten-oxygen sites for hydrogen evolution at 1 A cm <sup>2</sup> . <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 304, 120917	21.8	1
205	Controlled high-density interface engineering of Fe3O4-FeS nanoarray for efficient hydrogen evolution. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 68, 96-96	12	2
204	Motivating borate doped FeNi layered double hydroxides by molten salt method toward efficient oxygen evolution.. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 610, 173-181	9.3	3
203	Recent development on self-supported transition metal-based catalysts for water electrolysis at large current density. <i>Applied Materials Today</i> , <b>2021</b> , 22, 100913	6.6	20
202	High-pressure microwave-assisted synthesis of WSx/Ni9S8/NF hetero-catalyst for efficient oxygen evolution reaction. <i>Rare Metals</i> , <b>2021</b> , 40, 1048-1055	5.5	7
201	Fe(Co)OOH Dynamically Stable Interface Based on Self-Sacrificial Reconstruction for Long-Term Electrochemical Water Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 17450-17458	9.5	7
200	Double doping of V and F on Co3O4 nanoneedles as efficient electrocatalyst for oxygen evolution. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 19962-19970	6.7	23
199	Promoting Oxygen Evolution by Deep Reconstruction via Dynamic Migration of Fluorine Anions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 34438-34446	9.5	1
198	Hierarchical CoSeS nanostructures assisted by Nb doping for enhanced hydrogen evolution reaction. <i>Chinese Journal of Catalysis</i> , <b>2021</b> , 42, 431-438	11.3	20
197	CarbonBased transition metal sulfides/selenides nanostructures for electrocatalytic water splitting. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 852, 156810	5.7	21
196	Tailoring electron transfer with Ce integration in ultrathin Co(OH)2 nanosheets by fast microwave for oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 59, 299-305	12	13
195	Reduction tuning of ultrathin carbon shell armor covering IrP2 for accelerated hydrogen evolution kinetics with Pt-like performance. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 2195-2204	13	7
194	Oriented and robust anchoring of Fe via anodic interfacial coordination assembly on ultrathin Co hydroxides for efficient water oxidation. <i>Nanoscale</i> , <b>2021</b> , 13, 13463-13472	7.7	3
193	Ultrafine RuP2 nanoparticles supported on nitrogen-doped carbon based on coordination effect for efficient hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 7964-7973	6.7	5
192	Structure optimization and electronic modulation of sulfur-incorporated cobalt nanocages for enhanced oxygen evolution. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 28537-28544	6.7	1
191	Amorphous-crystalline catalytic interface of CoFeOH/CoFeP with double sites based on ultrafast hydrolysis for hydrogen evolution at high current density. <i>Journal of Power Sources</i> , <b>2021</b> , 507, 230279	8.9	4
190	Recent advances and prospects of MXene-based materials for electrocatalysis and energy storage. <i>Materials Today Physics</i> , <b>2021</b> , 20, 100469	8	10
189	An overview of the active sites in transition metal electrocatalysts and their practical activity for hydrogen evolution reaction. <i>Chemical Engineering Journal</i> , <b>2021</b> , 430, 132312	14.7	2

188	S-doped nickel-iron hydroxides synthesized by room-temperature electrochemical activation for efficient oxygen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 292, 120150	21.8	26
187	Uniform W-NiCoP microneedles by molten salt decomposition as bifunctional electrocatalyst for alkaline water splitting. <i>Applied Materials Today</i> , <b>2021</b> , 24, 101154	6.6	4
186	Microwave rapid hydrolysis induced two-dimensional NiFeSe nanosheets for efficient oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 35311-35318	6.7	5
185	Hollow and substrate-supported Prussian blue, its analogs, and their derivatives for green water splitting. <i>Chinese Journal of Catalysis</i> , <b>2021</b> , 42, 1843-1864	11.3	4
184	Bimetallic NiSe <sub>0.1</sub> MoS <sub>6.4</sub> sulfoselenide nanosheets supported on nickel foam for efficient hydrogen evolution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 628, 127228 <sup>5.1</sup>		1
183	In situ construction of Fe(Co)OOH through ultra-fast electrochemical activation as real catalytic species for enhanced water oxidation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 131943	14.7	14
182	Ultrahigh activity of molybdenum/vanadium-doped Ni-Co phosphides nanoneedles based on ion-exchange for hydrogen evolution at large current density. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 604, 141-149	9.3	5
181	Synergistic effect of metallic nickel and cobalt oxides with nitrogen-doped carbon nanospheres for highly efficient oxygen evolution. <i>Chinese Journal of Catalysis</i> , <b>2020</b> , 41, 1782-1789	11.3	20
180	Ultrafast surface modification of FeS nanosheet arrays with FeNi bimetallic hydroxides for efficient oxygen evolution. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 835, 155298	5.7	7
179	Modulation engineering of in situ cathodic activation of FeP based on W-incorporation for the hydrogen evolution reaction. <i>Nanoscale</i> , <b>2020</b> , 12, 12364-12373	7.7	3
178	Advances and Challenges of Fe-MOFs Based Materials as Electrocatalysts for Water Splitting. <i>Applied Materials Today</i> , <b>2020</b> , 20, 100692	6.6	19
177	In situ electro-reduction to modulate the surface electronic structure of Fe <sub>3</sub> O <sub>4</sub> for enhancing oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 15476-15482	6.7	7
176	Roles of molecular weight-fractionated extracellular polymeric substance in transformation of Au(III) to Au nanoparticles in aqueous environments. <i>Science of the Total Environment</i> , <b>2020</b> , 728, 138889 <sup>10.2</sup>		4
175	Zinc ion induced three-dimensional Co <sub>9</sub> S <sub>8</sub> nano-neuron network for efficient hydrogen evolution. <i>Renewable Energy</i> , <b>2020</b> , 157, 415-423	8.1	45
174	Hydrogen evolution under large-current-density based on fluorine-doped cobalt-iron phosphides. <i>Chemical Engineering Journal</i> , <b>2020</b> , 399, 125831	14.7	57
173	RuO <sub>2</sub> /Co <sub>3</sub> O <sub>4</sub> Nanocubes based on Ru ions impregnation into prussian blue precursor for oxygen evolution. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 9575-9582	6.7	41
172	Template confined strategy for constructing nickel cobalt selenide nanoarrays for efficient oxygen evolution reaction. <i>Materials Today Energy</i> , <b>2020</b> , 17, 100468	7	3
171	Design and modulation principles of molybdenum carbide-based materials for green hydrogen evolution. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 48, 398-423	12	19

170	Fe-doped CoP core-shell structure with open cages as efficient electrocatalyst for oxygen evolution. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 48, 328-333	12	44
169	Recent advances of nonprecious and bifunctional electrocatalysts for overall water splitting. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 3211-3228	5.8	24
168	Effects of reduced graphene oxide on humic acid-mediated transformation and environmental risks of silver ions. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 385, 121597	12.8	9
167	Copper and cobalt co-doped Ni <sub>3</sub> S <sub>2</sub> grown on nickel foam for highly efficient oxygen evolution reaction. <i>Applied Surface Science</i> , <b>2020</b> , 502, 144172	6.7	22
166	N-doped FeP nanorods derived from Fe-MOFs as bifunctional electrocatalysts for overall water splitting. <i>Applied Surface Science</i> , <b>2020</b> , 507, 145096	6.7	27
165	Ternary metal sulfides MoCoNiS derived from metal organic frameworks for efficient oxygen evolution. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 2745-2753	6.7	72
164	Surface construction of loose Co(OH) shell derived from ZIF-67 nanocube for efficient oxygen evolution. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 562, 279-286	9.3	20
163	Optimized Mo-doped cobalt selenides coupled carbon nanospheres for efficient hydrogen evolution. <i>Applied Surface Science</i> , <b>2020</b> , 531, 147404	6.7	6
162	Transformation of silver ions to silver nanoparticles mediated by humic acid under dark conditions at ambient temperature. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 383, 121190	12.8	23
161	Effect on sludge disintegration by EDTA-enhanced thermal-alkaline treatment. <i>Water Environment Research</i> , <b>2020</b> , 92, 42-50	2.8	6
160	Identification of an Immune-Related Signature for Predicting Prognosis in Patients With Pancreatic Ductal Adenocarcinoma. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 618215	5.3	7
159	Interface Charge Engineering of Ultrafine Ru/Ni <sub>2</sub> P Nanoparticles Encapsulated in N,P-Codoped Hollow Carbon Nanospheres for Efficient Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 17714-17722	8.3	15
158	Facile synthesis of V-doped CoP nanoparticles as bifunctional electrocatalyst for efficient water splitting. <i>Journal of Energy Chemistry</i> , <b>2019</b> , 39, 182-187	12	40
157	Embedding RhPx in N, P Co-Doped Carbon Nanoshells Through Synergetic Phosphorization and Pyrolysis for Efficient Hydrogen Evolution. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1901790	15.6	56
156	In situ construction of surface defects of carbon-doped ternary cobalt-nickel-iron phosphide nanocubes for efficient overall water splitting. <i>Science China Materials</i> , <b>2019</b> , 62, 1285-1296	7.1	47
155	Tungsten-doped NiCo phosphides with multiple catalytic sites as efficient electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 16859-16866	13	83
154	In situ formation of ultrathin C <sub>3</sub> N <sub>4</sub> layers on metallic WO <sub>2</sub> nanorods for efficient hydrogen evolution. <i>Applied Surface Science</i> , <b>2019</b> , 487, 945-950	6.7	6
153	Ultrafine and highly-dispersed bimetal Ni <sub>2</sub> P/Co <sub>2</sub> P encapsulated by hollow N-doped carbon nanospheres for efficient hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 14908-14917	6.7	66

152	Nano-hybridization of VS with Ni Fe layered double hydroxides for efficient oxygen evolution in alkaline media. <i>Applied Surface Science</i> , <b>2019</b> , 484, 1010-1018	6.7	8
151	Three-dimensional VO <sub>x</sub> /NiS/NF nanosheets as efficient electrocatalyst for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 10156-10162	6.7	50
150	Controllable Transformation of Aligned ZnO Nanorods to ZIF-8 as Solid-Phase Microextraction Coatings with Tunable Porosity, Polarity, and Conductivity. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 5091-5097	7.8	44
149	In situ electro-oxidation modulation of Ru(OH) <sub>x</sub> /Ag supported on nickel foam for efficient hydrogen evolution reaction in alkaline media. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 21683-21691 <sup>10</sup>	6.7	10
148	Double-catalytic-site engineering of nickel-based electrocatalysts by group VB metals doping coupling with in-situ cathodic activation for hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 258, 117984	21.8	24
147	Modulation of Inverse Spinel Fe O by Phosphorus Doping as an Industrially Promising Electrocatalyst for Hydrogen Evolution. <i>Advanced Materials</i> , <b>2019</b> , 31, e1905107	24	114
146	Highly sensitive H <sub>2</sub> O <sub>2</sub> sensor based on porous bimetallic oxide Ce <sub>1-x</sub> Tb <sub>x</sub> O <sub>y</sub> derived from homeotypic Ln-MOFs. <i>Applied Surface Science</i> , <b>2019</b> , 470, 91-98	6.7	9
145	N-Doped Sandwich-Structured MoC@C@Pt Interface with Ultralow Pt Loading for pH-Universal Hydrogen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 4047-4056	9.5	48
144	Recent Progress in Decoupled H <sub>2</sub> and O <sub>2</sub> Production from Electrolytic Water Splitting. <i>ChemElectroChem</i> , <b>2019</b> , 6, 2157-2166	4.3	25
143	Optimized bimetallic nickel-iron phosphides with rich defects as enhanced electrocatalysts for oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 537, 11-19	9.3	16
142	Bimetallic CoFeP hollow microspheres as highly efficient bifunctional electrocatalysts for overall water splitting in alkaline media. <i>Applied Surface Science</i> , <b>2019</b> , 465, 816-823	6.7	60
141	N, P dual-doped hollow carbon spheres supported MoS <sub>2</sub> hybrid electrocatalyst for enhanced hydrogen evolution reaction. <i>Catalysis Today</i> , <b>2019</b> , 330, 259-267	5.3	28
140	Probing the active sites of Co <sub>3</sub> O <sub>4</sub> for the acidic oxygen evolution reaction by modulating the Co <sup>2+</sup> /Co <sup>3+</sup> ratio. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 5678-5686	13	86
139	Tuning the morphology and Fe/Ni ratio of a bimetallic Fe-Ni-S film supported on nickel foam for optimized electrolytic water splitting. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 523, 121-132	9.3	30
138	Urchin-Like Nanorods of Binary NiCoS Supported on Nickel Foam for Electrocatalytic Overall Water Splitting. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, H102-H108	3.9	33
137	Porous core-shell N-doped Mo <sub>2</sub> C@C nanospheres derived from inorganic-organic hybrid precursors for highly efficient hydrogen evolution. <i>Journal of Catalysis</i> , <b>2018</b> , 360, 9-19	7.3	110
136	Intramolecular singlet fission in a face-to-face stacked tetracene trimer. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 6330-6336	3.6	15
135	Ni-Se nanostructures dependent on different solvent as efficient electrocatalysts for hydrogen evolution reaction in alkaline media. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 207, 389-395	4.4	10

134	Mesoporous Ag-doped Co <sub>3</sub> O <sub>4</sub> nanowire arrays supported on FTO as efficient electrocatalysts for oxygen evolution reaction in acidic media. <i>Renewable Energy</i> , <b>2018</b> , 119, 54-61	8.1	100
133	Heterostructured binary Ni-W sulfides nanosheets as pH-universal electrocatalyst for hydrogen evolution. <i>Applied Surface Science</i> , <b>2018</b> , 445, 445-453	6.7	25
132	Triple Ni-Co-Mo metal sulfides with one-dimensional and hierarchical nanostructures towards highly efficient hydrogen evolution reaction. <i>Journal of Catalysis</i> , <b>2018</b> , 361, 204-213	7.3	83
131	Optimized expanding of interlayer distance for molybdenum disulfide towards enhanced hydrogen evolution reaction. <i>Applied Surface Science</i> , <b>2018</b> , 428, 948-953	6.7	7
130	Organic-inorganic hybrids-directed ternary NiFeMoS anemone-like nanorods with scaly surface supported on nickel foam for efficient overall water splitting. <i>Chemical Engineering Journal</i> , <b>2018</b> , 334, 922-931	14.7	162
129	Ripple-like NiFeCo sulfides on nickel foam derived from in-situ sulfurization of precursor oxides as efficient anodes for water oxidation. <i>Applied Surface Science</i> , <b>2018</b> , 428, 370-376	6.7	17
128	Controllable phosphorsulfurization of uniform binary Ni-Fe nanocubes for enhanced water oxidation. <i>Materials Letters</i> , <b>2018</b> , 229, 248-251	3.3	5
127	Induced Phosphorization-Derived Well-Dispersed Molybdenum Phosphide Nanoparticles Encapsulated in Hollow N-Doped Carbon Nanospheres for Efficient Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 7676-7686	8.3	31
126	In-situ electrochemical activation designed hybrid electrocatalysts for water electrolysis. <i>Science Bulletin</i> , <b>2018</b> , 63, 853-876	10.6	76
125	Hydrogen Evolution Activity of Ruthenium Phosphides Encapsulated in Nitrogen- and Phosphorous-Codoped Hollow Carbon Nanospheres. <i>ChemSusChem</i> , <b>2018</b> , 11, 743-752	8.3	67
124	Nitrogen, phosphorus dual-doped molybdenum-carbide/molybdenum-phosphide@-carbon nanospheres for efficient hydrogen evolution over the whole pH range. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 513, 151-160	9.3	37
123	A MOF-derived coral-like NiSe@NC nanohybrid: an efficient electrocatalyst for the hydrogen evolution reaction at all pH values. <i>Nanoscale</i> , <b>2018</b> , 10, 22758-22765	7.7	65
122	Comparison of two water oxidation electrocatalysts by copper or zinc supermolecule complexes based on porphyrin ligand.. <i>RSC Advances</i> , <b>2018</b> , 8, 40054-40059	3.7	6
121	Electrochemical Corrosion Engineering for Ni-Fe Oxides with Superior Activity toward Water Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42217-42224	9.5	25
120	Heterointerface engineering of trilayer-shelled ultrathin MoS <sub>2</sub> /MoP/N-doped carbon hollow nanobubbles for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 24783-24792	13	54
119	Pt-C Interfaces Based on Electronegativity-Functionalized Hollow Carbon Spheres for Highly Efficient Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 43561-43569	9.5	22
118	Microwave annealing promoted in-situ electrochemical activation of Ni <sub>3</sub> S <sub>2</sub> nanowires for water electrolysis. <i>Journal of Catalysis</i> , <b>2018</b> , 368, 112-119	7.3	12
117	Surface phosphorsulfurization of NiCo <sub>2</sub> O <sub>4</sub> nanoneedles supported on carbon cloth with enhanced electrocatalytic activity for hydrogen evolution. <i>Electrochimica Acta</i> , <b>2018</b> , 290, 339-346	6.7	24

116	Facile synthesis of Fe-doped Co <sub>9</sub> S <sub>8</sub> nano-microspheres grown on nickel foam for efficient oxygen evolution reaction. <i>Applied Surface Science</i> , <b>2018</b> , 454, 46-53	6.7	62
115	A triple synergistic effect from pitaya-like MoNixMoCx hybrids encapsulated in N-doped C nanospheres for efficient hydrogen evolution. <i>Sustainable Energy and Fuels</i> , <b>2018</b> , 2, 1610-1620	5.8	17
114	Electrodeposited MoS <sub>x</sub> films assisted by liquid crystal template with ultrahigh electrocatalytic activity for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 5132-5138	6.7	70
113	Facile synthesis of pyrite-type binary nickel iron diselenides as efficient electrocatalyst for oxygen evolution reaction. <i>Applied Surface Science</i> , <b>2017</b> , 401, 17-24	6.7	49
112	Novel Ni <sub>3</sub> S <sub>2</sub> @NiOOH hybrid nanostructure supported on Ni foam as high-efficient electrocatalyst for hydrogen evolution reaction <b>2017</b> ,		1
111	Oxidized carbon fiber supported vertical WS <sub>2</sub> nanosheets arrays as efficient 3 D nanostructure electrocatalysts for hydrogen evolution reaction. <i>Applied Surface Science</i> , <b>2017</b> , 402, 120-128	6.7	53
110	Electrodeposition-Solvothermal Access to Ternary Mixed Metal Ni-Co-Fe Sulfides for Highly Efficient Electrocatalytic Water Oxidation in Alkaline Media. <i>Electrochimica Acta</i> , <b>2017</b> , 230, 151-159	6.7	37
109	Solvothermal access to rich nitrogen-doped molybdenum carbide nanowires as efficient electrocatalyst for hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 714, 26-34	5.7	29
108	Ternary mixed metal Fe-doped NiCo <sub>2</sub> O <sub>4</sub> nanowires as efficient electrocatalysts for oxygen evolution reaction. <i>Applied Surface Science</i> , <b>2017</b> , 416, 371-378	6.7	73
107	Ternary MnO <sub>2</sub> /NiCo <sub>2</sub> O <sub>4</sub> /NF with hierarchical structure and synergistic interaction as efficient electrocatalysts for oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 719, 314-321	5.7	46
106	In situ cathodic activation of V-incorporated NiS nanowires for enhanced hydrogen evolution. <i>Nanoscale</i> , <b>2017</b> , 9, 12353-12363	7.7	111
105	Novel WS <sub>2</sub> /WO <sub>3</sub> heterostructured nanosheets as efficient electrocatalyst for hydrogen evolution reaction. <i>Materials Chemistry and Physics</i> , <b>2017</b> , 197, 123-128	4.4	33
104	Ternary CoS <sub>2</sub> /MoS <sub>2</sub> /RGO electrocatalyst with CoMoS phase for efficient hydrogen evolution. <i>Applied Surface Science</i> , <b>2017</b> , 412, 138-145	6.7	63
103	Microbial synthesis of bimetallic PdPt nanoparticles for catalytic reduction of 4-nitrophenol. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 5249-5258	5.1	40
102	Oriented Stacking along Vertical (002) Planes of MoS <sub>2</sub> : A Novel Assembling Style to Enhance Activity for Hydrogen Evolution. <i>Electrochimica Acta</i> , <b>2017</b> , 224, 25-31	6.7	98
101	In situ sulfurized CoMoS/CoMoO <sub>4</sub> shell-core nanorods supported on N-doped reduced graphene oxide (NRGO) as efficient electrocatalyst for hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 2885-2896	13	72
100	Ternary Ni-Fe-V sulfides bundles on nickel foam as free-standing hydrogen evolution electrodes in alkaline medium. <i>Electrochimica Acta</i> , <b>2017</b> , 256, 241-251	6.7	15
99	Hierarchically three-level Ni <sub>3</sub> (VO <sub>4</sub> ) <sub>2</sub> @NiCo <sub>2</sub> O <sub>4</sub> nanostructure based on nickel foam towards highly efficient alkaline hydrogen evolution. <i>Electrochimica Acta</i> , <b>2017</b> , 256, 100-109	6.7	37



98	Nitrogen-doped oxidized carbon fiber as metal-free electrode towards highly efficient water oxidation. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 28287-28297	6.7	8
97	Coupling Ag-doping and rich oxygen vacancies in mesoporous NiCoO nanorods supported on nickel foam for highly efficient oxygen evolution. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 1783-1790	6.8	27
96	A facile method for reduced CoFe <sub>2</sub> O <sub>4</sub> nanosheets with rich oxygen vacancies for efficient oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 24150-24158	6.7	42
95	Mo <sub>2</sub> C@NC@MoS <sub>x</sub> porous nanospheres with sandwich shell based on MoO <sub>4</sub> <sup>2-</sup> -polymer precursor for efficient hydrogen evolution in both acidic and alkaline media. <i>Carbon</i> , <b>2017</b> , 124, 555-564	10.4	47
94	Controlling electrodeposited ultrathin amorphous Fe hydroxides film on V-doped nickel sulfide nanowires as efficient electrocatalyst for water oxidation. <i>Journal of Power Sources</i> , <b>2017</b> , 363, 44-53	8.9	86
93	Vanadium sulfides interwoven nanoflowers based on in-situ sulfurization of vanadium oxides octahedron on nickel foam for efficient hydrogen evolution. <i>Applied Surface Science</i> , <b>2017</b> , 423, 1090-1096	6.7	16
92	Trimetallic NiFeCo selenides nanoparticles supported on carbon fiber cloth as efficient electrocatalyst for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 20599-20607	6.7	113
91	Boosting Electrocatalytic Activity of Binary Ag-Fe-doped Co <sub>2</sub> P Nanospheres as Bifunctional Electrocatalysts for Overall Water Splitting. <i>Electrochimica Acta</i> , <b>2017</b> , 249, 16-25	6.7	18
90	Enhanced bioreduction of nitrobenzene by reduced graphene oxide materials: effects of surface modification and coexisting soluble electron shuttles. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 26874-26880	5.1	14
89	Binary metal Fe <sub>0.5</sub> Co <sub>0.5</sub> Se <sub>2</sub> spheres supported on carbon fiber cloth for efficient oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 15189-15195	6.7	23
88	Facile synthesis of binary NiCoS nanorods supported on nickel foam as efficient electrocatalysts for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 17129-17135	6.7	37
87	Electrodeposited hybrid NiB/MoS <sub>x</sub> film as efficient electrocatalyst for hydrogen evolution in alkaline media. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 2952-2960	6.7	76
86	Activating MoS <sub>2</sub> /CNs by tuning (001) plane as efficient electrocatalysts for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 2088-2095	6.7	65
85	Novel Co <sub>x</sub> S <sub>y</sub> /WS <sub>2</sub> nanosheets supported on carbon cloth as efficient electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 4165-4173	6.7	63
84	Template-assisted synthesis of highly dispersed MoS <sub>2</sub> nanosheets with enhanced activity for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 2054-2060	6.7	32
83	Facile synthesis of hollow SnO <sub>2</sub> nanospheres uniformly coated by Ag for electro-oxidation of hydrazine. <i>Materials Letters</i> , <b>2017</b> , 189, 9-12	3.3	12
82	Tuning crystal phase of NiS <sub>x</sub> through electro-oxidized nickel foam: A novel route for preparing efficient electrocatalysts for oxygen evolution reaction. <i>Applied Surface Science</i> , <b>2017</b> , 396, 1034-1043	6.7	40
81	Carbon fiber cloth supported interwoven WS <sub>2</sub> nanosheets with highly enhanced performances for supercapacitors. <i>Applied Surface Science</i> , <b>2017</b> , 392, 708-714	6.7	57

80	Superior mesenteric artery margin in pancreaticoduodenectomy for pancreatic adenocarcinoma. <i>Oncotarget</i> , <b>2017</b> , 8, 7766-7776	3.3	6
79	In-situ grown interwoven NiSe on Ni foam as a catalyst for hydrazine oxidation. <i>International Journal of Materials Research</i> , <b>2016</b> , 107, 586-589	0.5	3
78	NiSe@NiOOH Core-Shell Hyacinth-like Nanostructures on Nickel Foam Synthesized by in Situ Electrochemical Oxidation as an Efficient Electrocatalyst for the Oxygen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 20057-66	9.5	170
77	Electrochemically activated NiSe-Ni <sub>x</sub> S <sub>y</sub> hybrid nanorods as efficient electrocatalysts for oxygen evolution reaction. <i>Electrochimica Acta</i> , <b>2016</b> , 220, 536-544	6.7	48
76	Novel CoP Hollow Prisms as Bifunctional Electrocatalysts for Hydrogen Evolution Reaction in Acid media and Overall Water-splitting in Basic media. <i>Electrochimica Acta</i> , <b>2016</b> , 220, 98-106	6.7	50
75	A facile synthesis of reduced Co <sub>3</sub> O <sub>4</sub> nanoparticles with enhanced Electrocatalytic activity for oxygen evolution. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 12976-12982	6.7	45
74	Four Pb(II) metal-organic frameworks with increasing dimensions: structural diversities by varying the ligands. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 6867-6873	3.6	11
73	Crystalline phase-function relationship of in situ growth Ni <sub>x</sub> S <sub>y</sub> controlled by sulfuration degree for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 13032-13038	6.7	7
72	Facile synthesis of novel NiSe/Ni <sub>x</sub> S <sub>y</sub> nanocubes supported on nickel foam with enhanced activity for hydrazine electrooxidation. <i>Materials Letters</i> , <b>2016</b> , 175, 118-121	3.3	9
71	Self-sacrificial template method to MnO <sub>2</sub> microspheres as highly efficient electrocatalyst for oxygen evolution reaction. <i>Journal of Solid State Electrochemistry</i> , <b>2016</b> , 20, 2907-2912	2.6	13
70	MoS <sub>x</sub> supported graphene oxides with different degree of oxidation as efficient electrocatalysts for hydrogen evolution. <i>Carbon</i> , <b>2016</b> , 100, 236-242	10.4	77
69	Effect of pH on the growth of MoS <sub>2</sub> (002) plane and electrocatalytic activity for HER. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 294-299	6.7	74
68	Crystallographic Structure and Morphology Transformation of MnO <sub>2</sub> Nanorods as Efficient Electrocatalysts for Oxygen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , <b>2016</b> , 163, H67-H73	3.9	55
67	Facile Synthesis of MoS <sub>2</sub> Modified TiO <sub>2</sub> Nanospheres with Enhanced Photoelectrocatalytic activity. <i>International Journal of Electrochemical Science</i> , <b>2016</b> , 3039-3049	2.2	9
66	Template Synthesis of Hollow MoS <sub>2</sub> Microspheres with Enhanced Electrocatalytic Activity for Hydrogen Evolution. <i>International Journal of Electrochemical Science</i> , <b>2016</b> , 2846-2853	2.2	4
65	Structure-function relationship of electrodeposited MoS <sub>x</sub> film in N, N-dimethyl-formamide/H <sub>2</sub> O mixture solvent as electrocatalyst for hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 1635-1644	6.7	9
64	Controllable synthesis of three dimensional electrodeposited CoP nanosphere arrays as efficient electrocatalysts for overall water splitting. <i>RSC Advances</i> , <b>2016</b> , 6, 52761-52771	3.7	42
63	In situ growth of Ni <sub>x</sub> S <sub>y</sub> controlled by surface treatment of nickel foam as efficient electrocatalyst for oxygen evolution reaction. <i>Applied Surface Science</i> , <b>2016</b> , 378, 15-21	6.7	46

62	In situ Grown Pyramid Structures of Nickel Diselenides Dependent on Oxidized Nickel Foam as Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>Electrochimica Acta</i> , <b>2016</b> , 205, 77-84	6.7	83
61	One-pot synthesis of hierarchical Ni <sub>2</sub> P/MoS <sub>2</sub> hybrid electrocatalysts with enhanced activity for hydrogen evolution reaction. <i>Applied Surface Science</i> , <b>2016</b> , 383, 276-282	6.7	69
60	Facile one-pot synthesis of CoS <sub>2</sub> -MoS <sub>2</sub> /CNTs as efficient electrocatalyst for hydrogen evolution reaction. <i>Applied Surface Science</i> , <b>2016</b> , 384, 51-57	6.7	104
59	Self-sacrificial template method of Mo <sub>3</sub> O <sub>10</sub> (C <sub>6</sub> H <sub>8</sub> N) <sub>2</sub> ·H <sub>2</sub> O to fabricate MoS <sub>2</sub> /carbon-doped MoO <sub>2</sub> nanobelts as efficient electrocatalysts for hydrogen evolution reaction. <i>Electrochimica Acta</i> , <b>2016</b> , 216, 397-404	6.7	24
58	Facile synthesis of ternary Ag/C/SnO <sub>2</sub> hollow spheres with enhanced activity for hydrazine electro-oxidation. <i>Materials Letters</i> , <b>2016</b> , 185, 346-350	3.3	4
57	Two-step synthesis of binary NiBe sulfides supported on nickel foam as highly efficient electrocatalysts for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 13499-13508	13	189
56	Facile Synthesis of One-Dimensional MoO <sub>x</sub> -Based Nanostructure for Electrocatalytic Hydrogen Evolution. <i>ECS Electrochemistry Letters</i> , <b>2015</b> , 4, H5-H9		9
55	Syntheses, Crystal Structures, and Properties of Four Metal-Organic Complexes Based on 1,4,5,6,7,7-Hexachlorobicyclo[2.2.1]hept-5-ene-2,3-dicarboxylic Acid. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 4198-4205	3.5	10
54	Ultrathin MoS <sub>2</sub> -coated carbon nanospheres as highly efficient electrocatalysts for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2015</b> , 40, 6552-6558	6.7	95
53	Facile synthesis of MoS <sub>2</sub> /RGO in dimethyl-formamide solvent as highly efficient catalyst for hydrogen evolution. <i>Materials Letters</i> , <b>2015</b> , 161, 120-123	3.3	36
52	WS <sub>2</sub> nanosheets based on liquid exfoliation as effective electrocatalysts for hydrogen evolution reaction. <i>Materials Chemistry and Physics</i> , <b>2015</b> , 167, 271-277	4.4	59
51	Three dimensional nickel oxides/nickel structure by in situ electro-oxidation of nickel foam as robust electrocatalyst for oxygen evolution reaction. <i>Applied Surface Science</i> , <b>2015</b> , 359, 172-176	6.7	87
50	Facile synthesis of TiO <sub>2</sub> nanoplates decorated with Ag nanoparticles for electro-oxidation of hydrazine. <i>International Journal of Materials Research</i> , <b>2015</b> , 106, 919-922	0.5	
49	Biogenic gold nanoparticles-reduced graphene oxide nanohybrid: synthesis, characterization and application in chemical and biological reduction of nitroaromatics. <i>RSC Advances</i> , <b>2015</b> , 5, 97798-97806	3.7	24
48	Direct Observation of Photoinduced Charge Separation in Ruthenium Complex/Ni(OH) <sub>2</sub> Nanoparticle Hybrid. <i>Scientific Reports</i> , <b>2015</b> , 5, 18505	4.9	6
47	Microbial synthesis of Pd/Fe <sub>3</sub> O <sub>4</sub> , Au/Fe <sub>3</sub> O <sub>4</sub> and PdAu/Fe <sub>3</sub> O <sub>4</sub> nanocomposites for catalytic reduction of nitroaromatic compounds. <i>Scientific Reports</i> , <b>2015</b> , 5, 13515	4.9	91
46	Facile Hydrothermal Synthesis of Monodispersed MoS <sub>2</sub> Ultrathin Nanosheets Assisted by Ionic Liquid Brij56. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-5	3.2	1
45	Facile Synthesis of Highly Dispersed WO <sub>3</sub> ·H <sub>2</sub> O and WO <sub>3</sub> Nanoplates for Electrocatalytic Hydrogen Evolution. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-6	3.2	15

44	One-pot facile synthesis of Ag/TiO <sub>2</sub> spheres with enhanced electrocatalytic activity for hydrazine. <i>Materials Letters</i> , <b>2015</b> , 143, 181-184	3-3	7
43	Accurate layers determination of graphene on transparent substrate based on polarization-sensitive absorption effect. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 181902	3-4	15
42	Ionic liquid assisted hydrothermal synthesis of hollow vesicle-like MoS <sub>2</sub> microspheres. <i>Materials Letters</i> , <b>2012</b> , 66, 236-238	3-3	37
41	Preparation of porous MoS <sub>2</sub> via a sol-gel route using (NH <sub>4</sub> ) <sub>2</sub> Mo <sub>3</sub> S <sub>13</sub> as precursor. <i>Materials Letters</i> , <b>2012</b> , 88, 112-115	3-3	17
40	A facile hydrothermal synthesis and growth mechanism of novel hollow MnO <sub>2</sub> polyhedral nanorods. <i>Materials Chemistry and Physics</i> , <b>2012</b> , 136, 831-836	4-4	7
39	The effect of pH and anions on the anisotropic growth of MnO <sub>2</sub> . <i>Materials Research Bulletin</i> , <b>2012</b> , 47, 3377-3382	5-1	4
38	Hydrothermal Synthesis and Characterization of Novel MoS <sub>2</sub> Nanoflowers Directed by Ionic Liquid. <i>Advanced Materials Research</i> , <b>2011</b> , 194-196, 785-789	0-5	4
37	Dispersion of carbon nanotubes by carbazole-tailed amphiphilic imidazolium ionic liquids in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 356, 190-5	9-3	32
36	Facile Synthesis and High Activity of Novel Ag/TiO <sub>2</sub> -NTs Composites for Hydrazine Oxidation. <i>Advanced Materials Research</i> , <b>2011</b> , 197-198, 1073-1078	0-5	1
35	Self-aggregation behavior of fluorescent carbazole-tailed imidazolium ionic liquids in aqueous solutions. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 340-8	3-4	87
34	The study on electronic density topology and bond character of amorphous alloy Fe <sub>n</sub> B <sub>2</sub> (n=14) clusters by density functional theory. <i>Computational and Theoretical Chemistry</i> , <b>2010</b> , 953, 151-156		1
33	Aggregation behavior of long-chain imidazolium ionic liquids in ethylammonium nitrate. <i>Colloid and Polymer Science</i> , <b>2010</b> , 288, 1225-1232	2-4	34
32	Novel Pt nanoclusters/titanium dioxide nanotubes composites for hydrazine oxidation. <i>Materials Chemistry and Physics</i> , <b>2010</b> , 120, 404-408	4-4	25
31	An approach for synthesizing PtRu/MWCNT nanocomposite for methanol electro-oxidation. <i>Materials Chemistry and Physics</i> , <b>2010</b> , 124, 785-790	4-4	9
30	Microporous Silica Hollow Microspheres and Hollow Worm-Like Materials: A Simple Method for Their Synthesis and Their Application in Controlled Release. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 975-982	2-3	9
29	Electrodeposition of free-standing poly(o-dihydroxybenzene-co-3-methylthiophene) films with tunable fluorescence properties. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 115, 3273-3281	2-9	3
28	Novel mesoporous MnO <sub>2</sub> for high-rate electrochemical capacitive energy storage. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 5117-5122	6-7	66
27	Performance of polyaniline/multi-walled carbon nanotubes composites as cathode for rechargeable lithium batteries. <i>Materials Chemistry and Physics</i> , <b>2009</b> , 114, 371-375	4-4	57

26	Synthesis and Characterization of Mesoporous Silica Templated by Amphiphilic RTILs. <i>Journal of Dispersion Science and Technology</i> , <b>2008</b> , 29, 1066-1071	1.5	11
25	Synthesis and Characterization of Microscale Gold Nanoplates Using Langmuir Monolayers of Long-Chain Ionic Liquid. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 3840-3846	3.5	53
24	High dispersion and electrocatalytic activity of Pd/titanium dioxide nanotubes catalysts for hydrazine oxidation. <i>Journal of Power Sources</i> , <b>2008</b> , 175, 266-271	8.9	71
23	Preparation and tribological properties of poly(methyl methacrylate)/styrene/MWNTs copolymer nanocomposites. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 108, 1675-1679	2.9	19
22	Salt-induced viscoelastic wormlike micelles formed in surface active ionic liquid aqueous solution. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 319, 338-43	9.3	96
21	Electrodeposition of mesoporous manganese dioxide films from lyotropic liquid crystalline phases. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 112, 627-631	5.3	33
20	A study on microhardness and tribological behavior of carbon nanotubes reinforced AMMA-CNTs copolymer nanocomposites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2008</b> , 478, 314-318	5.3	31
19	Preparation and electrochemical properties of Ag-modified TiO <sub>2</sub> nanotube anode material for lithium-ion battery. <i>Electrochemistry Communications</i> , <b>2007</b> , 9, 425-430	5.1	289
18	Preparation and electrochemical characterization of polyaniline/multi-walled carbon nanotubes composites for supercapacitor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2007</b> , 143, 7-13	3.1	173
17	ZrO <sub>2</sub> Nanoparticles Synthesized using Ionic Liquid Microemulsion. <i>Journal of Dispersion Science and Technology</i> , <b>2007</b> , 28, 1030-1033	1.5	23
16	Surface adsorption and micelle formation of surface active ionic liquids in aqueous solution. <i>Langmuir</i> , <b>2007</b> , 23, 4178-82	4	440
15	Controlled synthesis of highly ordered LaFeO <sub>3</sub> nanowires using a citrate-based sol-gel route. <i>Materials Research Bulletin</i> , <b>2006</b> , 41, 274-281	5.1	38
14	Densely packed single-crystal Bi <sub>2</sub> Fe <sub>4</sub> O <sub>9</sub> nanowires fabricated from a template-induced sol-gel route. <i>Journal of Solid State Chemistry</i> , <b>2006</b> , 179, 3324-3329	3.3	47
13	Sol-gel template synthesis and characterization of LaCoO <sub>3</sub> nanowires. <i>Applied Physics A: Materials Science and Processing</i> , <b>2006</b> , 84, 117-122	2.6	20
12	Enhanced wear resistance and micro-hardness of polystyrene nanocomposites by carbon nanotubes. <i>Materials Chemistry and Physics</i> , <b>2005</b> , 94, 109-113	4.4	66
11	A study on carbon nanotubes reinforced poly(methyl methacrylate) nanocomposites. <i>Materials Letters</i> , <b>2005</b> , 59, 2128-2132	3.3	71
10	Fabrication and structural properties of LaFeO <sub>3</sub> nanowires by an ethanol-ammonia-based sol-gel template route. <i>Applied Physics A: Materials Science and Processing</i> , <b>2005</b> , 81, 453-457	2.6	14
9	Template induced sol-gel synthesis of highly ordered LaNiO <sub>3</sub> nanowires. <i>Journal of Solid State Chemistry</i> , <b>2005</b> , 178, 1157-1164	3.3	32

8	Study on Tribological Properties of Multi-walled Carbon Nanotubes/Epoxy Resin Nanocomposites. <i>Tribology Letters</i> , <b>2005</b> , 20, 251-254	2.8	76
7	Preparation and tribological properties of poly(methyl methacrylate)/multi-walled carbon nanotubes composites. <i>Journal of Materials Science</i> , <b>2005</b> , 40, 4379-4382	4.3	8
6	Preparation and characterization of ruthenium-doped polypyrrole composites for supercapacitor. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2004</b> , 374, 322-326	5.3	31
5	The rational design of Ni <sub>3</sub> S <sub>2</sub> nanosheets/Ag nanorods on Ni foam with improved hydrogen adsorption sites for the hydrogen evolution reaction. <i>Sustainable Energy and Fuels</i> ,	5.8	2
4	F, P double-doped Fe <sub>3</sub> O <sub>4</sub> with abundant defect sites for efficient hydrogen evolution at high current density. <i>Journal of Materials Chemistry A</i> ,	13	8
3	Amorphous/crystalline FeNi <sub>2</sub> S <sub>4</sub> @NiFe(OH) nanograsses with molten salt as an industrially promising electrocatalyst for oxygen evolution. <i>Inorganic Chemistry Frontiers</i> ,	6.8	2
2	Phosphorus doped two-dimensional CoFe <sub>2</sub> O <sub>4</sub> nanobelts decorated with Ru nanoclusters and CoFe hydroxide as efficient electrocatalysts toward hydrogen generation. <i>Inorganic Chemistry Frontiers</i> ,	6.8	3
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