Xiao Zhang

List of Publications by Citations

144 papers	5,745 citations	38 h-index	71 g-index
147 ext. papers	6,801 ext. citations	6.7 avg, IF	6.36 L-index

#	Paper	IF	Citations
144	Solution-Processed Two-Dimensional MoS2 Nanosheets: Preparation, Hybridization, and Applications. *Angewandte Chemie - International Edition*, **2016**, 55, 8816-38	16.4	447
143	Graphene quantum dots coated VO2 arrays for highly durable electrodes for Li and Na ion batteries. *Nano Letters*, **2015**, 15, 565-73	11.5	417
142	A High-Rate and Stable Quasi-Solid-State Zinc-Ion Battery with Novel 2D Layered Zinc Orthovanadate Array. *Advanced Materials*, **2018**, 30, e1803181	24	389
141	Three-Dimensional Architectures Constructed from Transition-Metal Dichalcogenide Nanomaterials for Electrochemical Energy Storage and Conversion. *Angewandte Chemie - International Edition*, **2018**, 57, 626-646	16.4	305
140	FePt-Au ternary metallic nanoparticles with the enhanced peroxidase-like activity for ultrafast colorimetric detection of H2O2. *Sensors and Actuators B: Chemical*, **2018**, 259, 775-783	8.5	177
139	Iron-Doped Cobalt Monophosphide Nanosheet/Carbon Nanotube Hybrids as Active and Stable Electrocatalysts for Water Splitting. *Advanced Functional Materials*, **2017**, 27, 1606635	15.6	175
138	Colorimetric and ultrasensitive detection of H2O2 based on Au/Co3O4-CeOx nanocomposites with enhanced peroxidase-like performance. *Sensors and Actuators B: Chemical*, **2018**, 271, 336-345	8.5	133
137	An All-Organic Semiconductor C N /PDINH Heterostructure with Advanced Antibacterial Photocatalytic Therapy Activity. *Advanced Materials*, **2019**, 31, e1901965	24	118
136	Oxygen-incorporated MoS2 ultrathin nanosheets grown on graphene for efficient electrochemical hydrogen evolution. *Journal of Power Sources*, **2015**, 291, 195-200	8.9	114
135	Peroxidase-like activity of MoS nanoflakes with different modifications and their application for HO and glucose detection. *Journal of Materials Chemistry B*, **2018**, 6, 487-498	7.3	103
134	Mussel-inspired one-pot synthesis of transition metal and nitrogen co-doped carbon (M/N-C) as efficient oxygen catalysts for Zn-air batteries. *Nanoscale*, **2016**, 8, 5067-75	7.7	89
133	Ultralong life lithium-ion battery anode with superior high-rate capability and excellent cyclic stability from mesoporous Fe2O3@TiO2 core□shell nanorods. *Journal of Materials Chemistry A*, **2014**, 2, 3912	13	86
132	Monodisperse SnO2 anchored reduced graphene oxide nanocomposites as negative electrode with high rate capability and long cyclability for lithium-ion batteries. *Journal of Power Sources*, **2014**, 262, 15-22	8.9	82
131	Iron Doped CuSn(OH)6 Microspheres as a Peroxidase-Mimicking Artificial Enzyme for H2O2 Colorimetric Detection. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 14383-14393	8.3	82
130	Boosting the lithium storage performance of MoS2 with graphene quantum dots. *Journal of Materials Chemistry A*, **2016**, 4, 4783-4789	13	81
129	MoS2-graphene hybrid nanosheets constructed 3D architectures with improved electrochemical performance for lithium-ion batteries and hydrogen evolution. *Electrochimica Acta*, **2016**, 189, 224-230	6.7	81
128	Co@Co3 O4 @PPD Core@bishell Nanoparticle-Based Composite as an Efficient Electrocatalyst for Oxygen Reduction Reaction. *Small*, **2016**, 12, 2580-7	11	79

127	FePt nanoparticles-decorated graphene oxide nanosheets as enhanced peroxidase mimics for sensitive response to HO. *Materials Science and Engineering C*, **2018**, 90, 610-620	8.3	74
126	In situ synthesis of SnO2Fe2O3@polyaniline and their conversion to SnO2Fe2O3@C composite as fully reversible anode material for lithium-ion batteries. *Journal of Power Sources*, **2014**, 246, 862-867	8.9	74
125	A quasi-solid-state dye-sensitized solar cell based on the stable polymer-grafted nanoparticle composite electrolyte. *Journal of Power Sources*, **2006**, 160, 1451-1455	8.9	72
124	Double-shell CuS nanocages as advanced supercapacitor electrode materials. *Journal of Power Sources*, **2017**, 355, 31-35	8.9	69
123	Self-template synthesis of hierarchical CoMoS3 nanotubes constructed of ultrathin nanosheets for robust water electrolysis. *Journal of Materials Chemistry A*, **2017**, 5, 11309-11315	13	69
122	A colorimetric sensor of H2O2 based on Co3O4montmorillonite nanocomposites with peroxidase activity. *New Journal of Chemistry*, **2018**, 42, 1501-1509	3.6	67
121	In Situ Growth of NiFe Alloy Nanoparticles Embedded into N-Doped Bamboo-like Carbon Nanotubes as a Bifunctional Electrocatalyst for Zn-Air Batteries. *ACS Applied Materials & Interfaces*, **2018**, 10, 26178-26187	9.5	66
120	Graphene-encapsulated cobalt sulfides nanocages with excellent anode performances for lithium ion batteries. *Electrochimica Acta*, **2015**, 167, 32-38	6.7	58
119	Sol-gel synthesis of mesoporous Co3O4 octahedra toward high-performance anodes for lithium-ion batteries. *Electrochimica Acta*, **2014**, 129, 410-415	6.7	56
118	FeNi Cubic Carbon Coupled with N-Doped Graphene toward Efficient Electrochemical Water Oxidation. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 8266-8273	8.3	56
117	Doping MoS2 with Graphene Quantum Dots: Structural and Electrical Engineering towards Enhanced Electrochemical Hydrogen Evolution. *Electrochimica Acta*, **2016**, 211, 603-610	6.7	55
116	Synthesis of well-dispersed Fe3O4 nanoparticles loaded on montmorillonite and sensitive colorimetric detection of H2O2 based on its peroxidase-like activity. *New Journal of Chemistry*, **2018**, 42, 9578-9587	3.6	54
115	Molecular design of coumarin dyes with high efficiency in dye-sensitized solar cells. *Journal of Photochemistry and Photobiology A: Chemistry*, **2008**, 194, 167-172	4.7	53
114	Engineering a High-Energy-Density and Long Lifespan Aqueous Zinc Battery via Ammonium Vanadium Bronze. *ACS Applied Materials & Interfaces*, **2019**, 11, 20796-20803	9.5	51
113	Si Doped CoO Nanorods as Peroxidase Mimics for Colorimetric Sensing of Reduced Glutathione. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 13989-13998	8.3	50
112	Topochemical transformation of Co(II) coordination polymers to Co3O4 nanoplates for high-performance lithium storage. *Journal of Materials Chemistry A*, **2015**, 3, 2251-2257	13	49
111	Controllable synthesis of P-doped MoS2 nanopetals decorated N-doped hollow carbon spheres towards enhanced hydrogen evolution. *Electrochimica Acta*, **2019**, 297, 553-563	6.7	47
110	Construction of sandwiched graphene paper@Fe3O4 nanorod array@graphene for large and fast lithium storage with an extended lifespan. *Journal of Materials Chemistry A*, **2015**, 3, 19384-19392	13	41

109	Efficient bifunctional vanadium-doped Ni3S2 nanorod array for overall water splitting. *Inorganic Chemistry Frontiers*, **2019**, 6, 443-450	6.8	39
108	Hybridized Ni(PO3)2-MnPO4 nanosheets array with excellent electrochemical performances for overall water splitting and supercapacitor. *Electrochimica Acta*, **2019**, 299, 835-843	6.7	38
107	Vanadium and nitrogen co-doped CoP nanoleaf array as pH-universal electrocatalyst for efficient hydrogen evolution. *Journal of Alloys and Compounds*, **2019**, 791, 1070-1078	5.7	38
106	Large and stable reversible lithium-ion storages from mesoporous SnO2 nanosheets with ultralong lifespan over 1000 cycles. *Journal of Power Sources*, **2014**, 268, 365-371	8.9	38
105	NiMoS3 Nanorods as pH-Tolerant Electrocatalyst for Efficient Hydrogen Evolution. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 9006-9013	8.3	38
104	CoFeP hollow cube as advanced electrocatalyst for water oxidation. *Inorganic Chemistry Frontiers*, **2019**, 6, 604-611	6.8	35
103	MoS2 nanosheets decorated Ni(OH)2 nanorod array for active overall water splitting. *Journal of Alloys and Compounds*, **2019**, 796, 86-92	5.7	35
102	Hybrid of Fe4[Fe(CN)6]3 nanocubes and MoS2 nanosheets on nitrogen-doped graphene realizing improved electrochemical hydrogen production. *Electrochimica Acta*, **2018**, 263, 140-146	6.7	35
101	Hybrid catalyst of MoS2-CoMo2S4 on graphene for robust electrochemical hydrogen evolution. *Fuel*, **2016**, 184, 559-564	7.1	35
100	Shell-core MoS2 nanosheets@Fe3O4 sphere heterostructure with exposed active edges for efficient electrocatalytic hydrogen production. *Journal of Alloys and Compounds*, **2017**, 715, 53-59	5.7	32
99	Formation of Ni-doped MoS2 nanosheets on N-doped carbon nanotubes towards superior hydrogen evolution. *Electrochimica Acta*, **2020**, 338, 135885	6.7	32
98	Flexible foams of graphene entrapped SnO2□Co3O4 nanocubes with remarkably large and fast lithium storage. *Journal of Materials Chemistry A*, **2016**, 4, 16101-16107	13	32
97	N-doped reduced graphene oxide supported mixed Ni2PCoP realize efficient overall water electrolysis. *Electrochimica Acta*, **2018**, 282, 626-633	6.7	32
96	Hierarchical flower-like Ni□Co layered double hydroxide nanostructures: synthesis and super performance. *Inorganic Chemistry Frontiers*, **2018**, 5, 3033-3041	6.8	32
95	Cobalt and nickel bimetallic sulfide nanoparticles immobilized on montmorillonite demonstrating peroxidase-like activity for H2O2 detection. *New Journal of Chemistry*, **2018**, 42, 18749-18758	3.6	31
94	Loading Pt Nanoparticles on Metal□Organic Frameworks for Improved Oxygen Evolution. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 11577-11583	8.3	30
93	Electrodepositing Pd on NiFe layered double hydroxide for improved water electrolysis. *Materials Chemistry Frontiers*, **2019**, 3, 842-850	7.8	30
92	Porphyrin functionalized Co(OH)/GO nanocomposites as an excellent peroxidase mimic for colorimetric biosensing. *Analyst, The*, **2019**, 144, 5284-5291	5	30

91	Ni diffusion in vertical growth of MoS2 nanosheets on carbon nanotubes towards highly efficient hydrogen evolution. *Carbon*, **2021**, 175, 176-186	10.4	28
90	Template confined synthesis of NiCo Prussian blue analogue bricks constructed nanowalls as efficient bifunctional electrocatalyst for splitting water. *Electrochimica Acta*, **2019**, 318, 333-341	6.7	27
89	Vanadium doping over Ni3S2 nanosheet array for improved overall water splitting. *Applied Surface Science*, **2019**, 489, 815-823	6.7	27
88	Multi-layer CeO2-wrapped Ag2S microspheres with enhanced peroxidase-like activity for sensitive detection of dopamine. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 565, 1-7	5.1	26
87	Enhanced hydrogen evolution of MoS2/RGO: vanadium, nitrogen dopants triggered new active sites and expanded interlayer. *Inorganic Chemistry Frontiers*, **2018**, 5, 2092-2099	6.8	26
86	Role of Electric Field and Reactive Oxygen Species in Enhancing Antibacterial Activity: A Case Study of 3D Cu Foam Electrode with Branched CuO@ZnO NWs. *Journal of Physical Chemistry C*, **2018**, 122, 26454-26463	3.8	25
85	Ni/Ni3C core–shell nanoparticles encapsulated in N-doped bamboo-like carbon nanotubes towards efficient overall water splitting. *Inorganic Chemistry Frontiers*, **2019**, 6, 1073-1080	6.8	24
84	Ni-Co-B nanosheets coupled with reduced graphene oxide towards enhanced electrochemical oxygen evolution. *Journal of Alloys and Compounds*, **2019**, 776, 511-518	5.7	24
83	Porous Co3O4 nanorods as anode for lithium-ion battery with excellent electrochemical performance. *Journal of Solid State Chemistry*, **2014**, 213, 193-197	3.3	23
82	Pie-like free-standing paper of graphene paper@Fe 3 O 4 nanorod array@carbon as integrated anode for robust lithium storage. *Chemical Engineering Journal*, **2017**, 309, 272-277	14.7	23
81	A comparative theoretical investigation of ruthenium dyes in dye-sensitized solar cells. *Journal of Photochemistry and Photobiology A: Chemistry*, **2007**, 185, 283-288	4.7	23
80	Nickel iron boride nanosheets on rGO for active electrochemical water oxidation. *Journal of Solid State Chemistry*, **2018**, 265, 135-139	3.3	22
79	PtFe/nitrogen-doped graphene for high-performance electrooxidation of formic acid with composition sensitive electrocatalytic activity. *RSC Advances*, **2015**, 5, 60237-60245	3.7	21
78	Layered FeMo4S6 nanosheets with robust lithium storage and electrochemical hydrogen evolution. *Materials Letters*, **2016**, 183, 1-4	3.3	21
77	FePt nanoalloys anchored reduced graphene oxide as high-performance electrocatalysts for formic acid and methanol oxidation. *Journal of Alloys and Compounds*, **2014**, 604, 286-291	5.7	21
76	Self-template synthesis of CoFe2O4 nanotubes for high-performance lithium storage. *RSC Advances*, **2015**, 5, 29837-29841	3.7	21
75	Fast and large lithium storages from CoMoO4 nanorods-graphene composite. *Ionics*, **2015**, 21, 2993-2999	2.7	20
74	Liquid Polymer Nanocomposites PEGME@SnO2 and PEGME@TiO2 Prepared through Solvothermal Methods. *Chemistry of Materials*, **2006**, 18, 3850-3854	9.6	20

73	N-doped MoS2 nanosheets with exposed edges realizing robust electrochemical hydrogen evolution. *Journal of Solid State Chemistry*, **2018**, 263, 84-87	3.3	19
72	Self-assembled 3D Co3O4-graphene frameworks with high lithium storage performance. *Ionics*, **2014**, 20, 1635-1639	2.7	19
71	Co3[Fe(CN)6]2 nanocube derived architecture of Co,Fe co-doped MoS2 nanosheets for efficient water electrolysis. *Electrochimica Acta*, **2019**, 309, 116-124	6.7	18
70	Two-dimensional porphyrin-Co9S8 nanocomposites with synergistic peroxidase-like catalysis: Synthesis and application toward colorimetric biosensing of H2O2 and glutathione. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 568, 248-258	5.1	18
69	Metal-Free 2(3),9(10),16(17),23(24)-Octamethoxyphthalocyanine-Modified Uniform CoSn(OH)6 Nanocubes: Enhanced Peroxidase-like Activity, Catalytic Mechanism, and Fast Colorimetric Sensing for Cholesterol. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 9404-9414	8.3	18
68	Ni3[Fe(CN)6]2 nanocubes boost the catalytic activity of Pt for electrochemical hydrogen evolution. *Inorganic Chemistry Frontiers*, **2018**, 5, 1683-1689	6.8	18
67	CoMoS3.13 nanosheets grafted on B, N co-doped graphene nanotubes as bifunctional catalyst for efficient water electrolysis. *Journal of Alloys and Compounds*, **2018**, 731, 403-410	5.7	17
66	A quasi-solid-state dye-sensitized solar cell based on porous polymer electrolyte membrane. *Journal of Photochemistry and Photobiology A: Chemistry*, **2008**, 194, 31-36	4.7	17
65	5,10,15,20-tetrakis (4-carboxylphenyl) porphyrin functionalized NiCo2S4 yolk-shell nanospheres: Excellent peroxidase-like activity, catalytic mechanism and fast cascade colorimetric biosensor for cholesterol. *Sensors and Actuators B: Chemical*, **2021**, 326, 128850	8.5	17
64	Colorimetric ascorbic acid sensing from a synergetic catalytic strategy based on 5,10,15,20-tetra(4-pyridyl)-21H,23H-porphyrin functionalized CuS nanohexahedrons with the enhanced peroxidase-like activity. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 598, 124855	5.1	16
63	Evaporation-induced self-assembly synthesis of mesoporous FeCo2O4 octahedra with large and fast lithium storage properties. *Materials Letters*, **2016**, 166, 1-4	3.3	16
62	Rapid colorimetric determination of dopamine based on the inhibition of the peroxidase mimicking activity of platinum loaded CoSn(OH) nanocubes. *Mikrochimica Acta*, **2019**, 186, 755	5.8	16
61	5,10,15,20-Tetrakis(4-carboxylphenyl)porphyrin modified nickel-cobalt layer double hydroxide nanosheets as enhanced photoelectrocatalysts for methanol oxidation under visible-light. *Journal of Colloid and Interface Science*, **2020**, 561, 881-889	9.3	16
60	Vertically aligned MoS2 nanosheets on N-doped carbon nanotubes with NiFe alloy for overall water splitting. *Inorganic Chemistry Frontiers*, **2020**, 7, 3578-3587	6.8	16
59	Sacrificial template formation of CoMoO4 hollow nanostructures constructed by ultrathin nanosheets for robust lithium storage. *RSC Advances*, **2016**, 6, 51710-51715	3.7	16
58	Meso-tetrakis(4-chlorophenyl)porphyrin functionalized CuFe2O4/SiO2 nanocomposites with enhanced peroxidase-like activity conveniently using for visual biosensing at room temperature. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 569, 28-34	5.1	16
57	Graphene layer encapsulated MoNi4-NiMoO4 for electrocatalytic water splitting. *Applied Surface Science*, **2020**, 504, 144390	6.7	16
56	Fe2.25W0.75O4/reduced graphene oxide nanocomposites for novel bifunctional photocatalyst: One-pot synthesis, magnetically recyclable and enhanced photocatalytic property. *Journal of Solid State Chemistry*, **2013**, 205, 171-176	3.3	15

55	Co-Doped Co[sub x]Cu[sub 6□]Sn[sub 5] Alloys as Negative Electrode Materials for Rechargeable Lithium Batteries. *Journal of the Electrochemical Society*, **2007**, 154, A7	3.9	15
54	VS -Decorated Carbon Nanotubes for Lithium Storage with Pseudocapacitance Contribution. *ChemSusChem*, **2020**, 13, 1637-1644	8.3	15
53	Janus building block-enabled fabrication of dual metal equipped coordination polymers: an ideal precursor for noble metal/metal oxide nanocomposites with excellent catalytic performance. *Journal of Materials Chemistry A*, **2015**, 3, 20073-20079	13	13
52	Nanosized SnO2-CoS constructed porous cubeas advanced lithium-ion batteries anode. *Ceramics International*, **2018**, 44, 5569-5571	5.1	12
51	3,4:9,10-perylene tetracarboxylic acid-modified zinc ferrite with the enhanced peroxidase activity for sensing of ascorbic acid. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 586, 124250	5.1	12
50	Pt deposited on magnetic CoFe2O4 nanoparticles: Double enzyme-like activity, catalytic mechanism and fast colorimetric sensing of dopamine. *Microchemical Journal*, **2020**, 158, 105264	4.8	12
49	Flower-like CeO2/CoO p□ Heterojuncted Nanocomposites with Enhanced Peroxidase-Mimicking Activity for l-Cysteine Sensing. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 17540-17550	8.3	12
48	Transition metals decorated g-C3N4/N-doped carbon nanotube catalysts for water splitting: A review. *Journal of Electroanalytical Chemistry*, **2021**, 895, 115510	4.1	12
47	In-situ confined formation of NiFe layered double hydroxide quantum dots in expanded graphite for active electrocatalytic oxygen evolution. *Journal of Solid State Chemistry*, **2018**, 262, 181-185	3.3	11
46	A high-efficiency noble metal-free electrocatalyst of cobalt-iron layer double hydroxides nanorods coupled with graphene oxides grown on a nickel foam towards methanol electrooxidation. *Journal of the Taiwan Institute of Chemical Engineers*, **2020**, 112, 212-221	5.3	11
45	Enhanced peroxidase-like activity of MMT-supported cuprous oxide nanocomposites toward rapid colorimetric estimation of H2O2. *Applied Organometallic Chemistry*, **2019**, 33, e4716	3.1	11
44	N-doped graphene wrapped SnP2O7 for sodium storage with high pseudocapacitance contribution. *Journal of Alloys and Compounds*, **2021**, 854, 156992	5.7	11
43	MoS 2 nanosheets on C 3 N 4 realizing improved electrochemical hydrogen evolution. *Materials Letters*, **2017**, 197, 41-44	3.3	10
42	N,N-dicarboxymethyl Perylene-diimide modified CeCoO: Enhanced peroxidase activity, synergetic catalytic mechanism and glutathione colorimetric sensing. *Talanta*, **2020**, 218, 121142	6.2	10
41	Cobalt tuned copper sulfide on montmorillonite: Peroxidase-like activity, catalytic mechanism and colorimetric sensing of hydrogen peroxide. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 602, 125063	5.1	10
40	Mesoporous CuO xerogels constructed by nanorods for high-performance lithium storage. *Materials Letters*, **2014**, 118, 142-145	3.3	10
39	N-doped bamboo-like carbon nanotubes loading Co as ideal electrode material towards superior catalysis performance. *International Journal of Hydrogen Energy*, **2020**, 45, 8703-8714	6.7	10
38	FePt nanoalloys on N-doped graphene paper as integrated electrode towards efficient formic acid electrooxidation. *Journal of Applied Electrochemistry*, **2018**, 48, 95-103	2.6	10

37	Mesoporous CoFe2O4 octahedra with high-capacity and long-life lithium storage properties. *RSC Advances*, **2016**, 6, 18-22	3.7	9
36	Ultrafine cobalt□uthenium alloy on nitrogen and phosphorus co-doped graphene for electrocatalytic water splitting. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 104, 75-81	5.3	9
35	Tungsten doping magnetic iron oxide and their enhanced lithium ion storage properties. *Materials Letters*, **2013**, 106, 304-307	3.3	9
34	Core-shell structured Ag-CoO nanoparticles with superior peroxidase-like activity for colorimetric sensing hydrogen peroxide and o-phenylenediamine. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 603, 125283	5.1	9
33	Heterogeneous Co@CoO composited P, N co-doped carbon nanofibers on carbon cloth as pH-tolerant electrocatalyst for efficient oxygen evolution. *Journal of Alloys and Compounds*, **2021**, 877, 160279	5.7	8
32	Electrodepositing Ru on carbon cloth supported Co(OH)2 nanosheet array for active overall water electrolysis. *Journal of the Taiwan Institute of Chemical Engineers*, **2020**, 109, 71-78	5.3	7
31	Ruthenium doped Ni2P nanosheet arrays for active hydrogen evolution in neutral and alkaline water. *Sustainable Energy and Fuels*, **2020**, 4, 1883-1890	5.8	7
30	Ce-doped ZnCo2O4 nanospheres: Synthesis, double enzyme-like performances, catalytic mechanism and fast colorimetric determination for glutathione. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 607, 125466	5.1	7
29	V2O5-montmorillonite nanocomposites of peroxidase-like activity and their application in the detection of H2O2 and glutathione. *Applied Clay Science*, **2020**, 195, 105718	5.2	7
28	Interlayer-expanded VMo2S4 nanosheets on RGO for high and fast lithium and sodium storage. *Journal of Alloys and Compounds*, **2019**, 772, 178-185	5.7	7
27	Ru2P particles decorated Ni2P nanosheet as efficient and pH-universal material for hydrogen evolution. *Applied Surface Science*, **2020**, 520, 146363	6.7	7
26	Hybrid NiCo hydrogen carbonate with Pt nanoparticles on nickel foam for alkaline water hydrogen evolution. *Journal of Alloys and Compounds*, **2020**, 833, 155131	5.7	7
25	Hierarchical Ni(OH)2-MnO2 Array as Supercapacitor Electrode with High Capacity. *Advanced Materials Interfaces*, **2018**, 6, 1801470	4.6	7
24	Perylene diimide-modified magnetic □Fe2O3/CeO2 nanoparticles as peroxidase mimics for highly sensitive colorimetric detection of Vitamin C. *Applied Organometallic Chemistry*, **2019**, 33, e4884	3.1	6
23	Carbon entrapped nanosized Fe3O4 on Ni foam as integrated electrode with large and fast lithium storage. *Materials Letters*, **2015**, 157, 63-66	3.3	6
22	Rapid colorimetric sensing of ascorbic acid based on the excellent peroxidase-like activity of Pt deposited on ZnCo2O4 spheres. *New Journal of Chemistry*, **2020**, 44, 12002-12008	3.6	6
21	MoS2 nanosheets on B, N co-doped graphene nanosheets for active lithium storage. *Materials Letters*, **2018**, 213, 162-165	3.3	6
20	Engineering P-doped Ni3S2-NiS hybrid nanorod arrays for efficient overall water electrolysis. *Journal of Alloys and Compounds*, **2021**, 862, 158391	5.7	6

19	Cerium and nitrogen doped CoP nanorod arrays for hydrogen evolution in all pH conditions. *Sustainable Energy and Fuels*, **2019**, 3, 3344-3351	5.8	5
18	Porphyrin-Modified Cobalt Sulfide as a Developed Noble Metal-free Photoelectrocatalyst toward Methanol Oxidation under Visible Light. *Journal of Physical Chemistry C*, **2020**, 124, 26678-26687	3.8	5
17	Synthesis of 1D porous Fe2O3 nanostructures using SiO2 scaffold towards good lithium storages. *Materials Letters*, **2016**, 171, 125-128	3.3	5
16	Fabrication of Cu 3 V 2 O 7 (OH) 2 □2H 2 O nanoplates constructed flowers using Cu 2 O cube as sacrificial template for good lithium storage. *Materials Letters*, **2017**, 188, 291-295	3.3	4
15	One-pot synthesis of ferromagnetic Fe2.25W0.75O4 nanoparticles as a magnetically recyclable photocatalyst. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	4
14	3D architecture constructed by 2D SnS2-graphene hybrids towards large and fast lithium storage. *Materials Letters*, **2016**, 185, 311-314	3.3	4
13	Self-template synthesis of magnetic cobalt nanotube based on Kirkendall effect. *Materials Letters*, **2015**, 141, 288-290	3.3	3
12	Organic-Inorganic Composite Nanorods as an Excellent Mimicking Peroxidases for Colorimetric Detection and Evaluation of Antioxidant.. *ACS Applied Bio Materials*, **2020**, 3, 2499-2506	4.1	3
11	Electrodeposition of Co4S3 on NiCo LDH nanosheet arrays for advanced hydrogen evolution. *Materials Letters*, **2021**, 285, 129057	3.3	3
10	Hierarchical FeCo/C@Ni(OH)2 heterostructures for enhanced oxygen evolution activity. *Electrochimica Acta*, **2021**, 395, 139194	6.7	3
9	Synergistic effect between sulfur and CoFe alloys embedded in N-doped carbon nanosheets for efficient hydrogen evolution under neutral condition. *Chemical Engineering Journal*, **2021**, 426, 131922	14.7	3
8	Neighbor nanocrystals of SnO2 and TiO2 for improved lithium storage. *Materials Letters*, **2017**, 195, 104-107	3.3	2
7	Recent advances in biomedical applications of 2D nanomaterials with peroxidase-like properties.. *Advanced Drug Delivery Reviews*, **2022**, 114269	18.5	2
6	PANI coated NiMoOP nanoarrays as efficient electrocatalyst for oxygen evolution. *Journal of Electroanalytical Chemistry*, **2022**, 908, 116129	4.1	1
5	Enhanced photoelectrocatalytic activity of cobalt sulfide modified with porphyrin as a noble-metal-free photoelectroncatalyst towards methanol oxidation under visible-light. *Journal of the Taiwan Institute of Chemical Engineers*, **2020**, 116, 169-177	5.3	1
4	Heterogeneous SnS-Ni3S2 nanostructure for efficient overall water splitting. *Materials Letters*, **2021**, 287, 129290	3.3	1
3	Coupled Co and Ir nanocrystals on graphite as pH-wide and efficient electrocatalyst for hydrogen evolution. *Surfaces and Interfaces*, **2021**, 24, 101049	4.1	1
2	Engineering heterogeneous nickel-iron oxide/iron phosphate on P, N co-doped carbon fibers for efficient oxygen evolution reaction in neutral and alkaline solutions. *Surfaces and Interfaces*, **2021**, 25, 101193	4.1	1

1	Co-doped Ni3S2 ultrathin nanosheets for efficient oxygen evolution catalysis. *Materials Letters*, **2021**, 299, 130069	3.3	0