

Jinxue Guo

List of Publications by Year in descending order

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104
papers

3,238
citations

109264

35
h-index

175177

52
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107
all docs

107
docs citations

107
times ranked

4544
citing authors

#	ARTICLE	IF	CITATIONS
1	S-doped CoP nanoneedles assembled urchin-like structure for efficient water oxidation. <i>Materials Letters</i> , 2022, 307, 131005.	1.3	7
2	PANI coated NiMoOP nanoarrays as efficient electrocatalyst for oxygen evolution. <i>Journal of Electroanalytical Chemistry</i> , 2022, 908, 116129.	1.9	2
3	Vanadium doped nickel hydroxide nanosheets for efficient overall alkaline water splitting. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 164, 110634.	1.9	6
4	NASICON-structured Na ₃ Mn _{0.5} V _{0.5} Ti(PO ₄) ₃ cathode with high capacity for sodium-ion batteries. <i>Ceramics International</i> , 2022, 48, 20933-20939.	2.3	7
5	N-doped graphene wrapped SnP ₂ O ₇ for sodium storage with high pseudocapacitance contribution. <i>Journal of Alloys and Compounds</i> , 2021, 854, 156992.	2.8	22
6	Electrodeposition of Co ₄ S ₃ on NiCo LDH nanosheet arrays for advanced hydrogen evolution. <i>Materials Letters</i> , 2021, 285, 129057.	1.3	9
7	Heterogeneous SnS-Ni ₃ S ₂ nanostructure for efficient overall water splitting. <i>Materials Letters</i> , 2021, 287, 129290.	1.3	5
8	Engineering P-doped Ni ₃ S ₂ -NiS hybrid nanorod arrays for efficient overall water electrolysis. <i>Journal of Alloys and Compounds</i> , 2021, 862, 158391.	2.8	26
9	Coupled Co and Ir nanocrystals on graphite as pH-wide and efficient electrocatalyst for hydrogen evolution. <i>Surfaces and Interfaces</i> , 2021, 24, 101049.	1.5	3
10	Sulfur and nitrogen co-doped carbon nanosheets for improved sodium ion storage. <i>Journal of Alloys and Compounds</i> , 2021, 868, 159080.	2.8	13
11	Engineering heterogeneous nickel-iron oxide/iron phosphate on P, N co-doped carbon fibers for efficient oxygen evolution reaction in neutral and alkaline solutions. <i>Surfaces and Interfaces</i> , 2021, 25, 101193.	1.5	6
12	Co-doped Ni ₃ S ₂ ultrathin nanosheets for efficient oxygen evolution catalysis. <i>Materials Letters</i> , 2021, 299, 130069.	1.3	3
13	Heterogeneous Co@CoO composited P, N co-doped carbon nanofibers on carbon cloth as pH-tolerant electrocatalyst for efficient oxygen evolution. <i>Journal of Alloys and Compounds</i> , 2021, 877, 160279.	2.8	16
14	Synergistic effect between sulfur and CoFe alloys embedded in N-doped carbon nanosheets for efficient hydrogen evolution under neutral condition. <i>Chemical Engineering Journal</i> , 2021, 426, 131922.	6.6	16
15	NiFeP nanocubes as advanced electrode material for hydrogen evolution and supercapacitor. <i>Colloids and Interface Science Communications</i> , 2021, 45, 100520.	2.0	9
16	Graphene layer encapsulated MoNi ₄ -NiMoO ₄ for electrocatalytic water splitting. <i>Applied Surface Science</i> , 2020, 504, 144390.	3.1	29
17	VS ₄ -Decorated Carbon Nanotubes for Lithium Storage with Pseudocapacitance Contribution. <i>ChemSusChem</i> , 2020, 13, 1637-1644.	3.6	32
18	Cu-Ru nanoalloys on carbon black for efficient production of hydrogen in neutral and alkaline conditions. <i>Materials Letters</i> , 2020, 262, 127041.	1.3	7

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19	Electrodepositing Ru on carbon cloth supported Co(OH) ₂ nanosheet array for active overall water electrolysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 109, 71-78.	2.7	15
20	Ruthenium doped Ni ₂ P nanosheet arrays for active hydrogen evolution in neutral and alkaline water. <i>Sustainable Energy and Fuels</i> , 2020, 4, 1883-1890.	2.5	11
21	Ru ₂ P particles decorated Ni ₂ P nanosheet as efficient and pH-universal material for hydrogen evolution. <i>Applied Surface Science</i> , 2020, 520, 146363.	3.1	15
22	Hybrid NiCo hydrogen carbonate with Pt nanoparticles on nickel foam for alkaline water hydrogen evolution. <i>Journal of Alloys and Compounds</i> , 2020, 833, 155131.	2.8	13
23	Hierarchical Ni(OH) ₂ @MnO ₂ Array as Supercapacitor Electrode with High Capacity. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801470.	1.9	23
24	Ultrafine cobalt-ruthenium alloy on nitrogen and phosphorus co-doped graphene for electrocatalytic water splitting. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 104, 75-81.	2.7	12
25	Cerium and nitrogen doped CoP nanorod arrays for hydrogen evolution in all pH conditions. <i>Sustainable Energy and Fuels</i> , 2019, 3, 3344-3351.	2.5	9
26	CoFeP hollow cube as advanced electrocatalyst for water oxidation. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 604-611.	3.0	61
27	Hybridized Ni(PO ₃) ₂ -MnPO ₄ nanosheets array with excellent electrochemical performances for overall water splitting and supercapacitor. <i>Electrochimica Acta</i> , 2019, 299, 835-843.	2.6	53
28	Template confined synthesis of NiCo Prussian blue analogue bricks constructed nanowalls as efficient bifunctional electrocatalyst for splitting water. <i>Electrochimica Acta</i> , 2019, 318, 333-341.	2.6	33
29	Vanadium doping over Ni ₃ S ₂ nanosheet array for improved overall water splitting. <i>Applied Surface Science</i> , 2019, 489, 815-823.	3.1	50
30	MoS ₂ nanosheets decorated Ni(OH) ₂ nanorod array for active overall water splitting. <i>Journal of Alloys and Compounds</i> , 2019, 796, 86-92.	2.8	49
31	Co ₃ [Fe(CN) ₆] ₂ nanocube derived architecture of Co,Fe co-doped MoS ₂ nanosheets for efficient water electrolysis. <i>Electrochimica Acta</i> , 2019, 309, 116-124.	2.6	30
32	Electrodepositing Pd on NiFe layered double hydroxide for improved water electrolysis. <i>Materials Chemistry Frontiers</i> , 2019, 3, 842-850.	3.2	40
33	Vanadium and nitrogen co-doped CoP nanoleaf array as pH-universal electrocatalyst for efficient hydrogen evolution. <i>Journal of Alloys and Compounds</i> , 2019, 791, 1070-1078.	2.8	50
34	Interlayer-expanded VMo ₂ S ₄ nanosheets on RGO for high and fast lithium and sodium storage. <i>Journal of Alloys and Compounds</i> , 2019, 772, 178-185.	2.8	8
35	Ni-Co-B nanosheets coupled with reduced graphene oxide towards enhanced electrochemical oxygen evolution. <i>Journal of Alloys and Compounds</i> , 2019, 776, 511-518.	2.8	38
36	Efficient bifunctional vanadium-doped Ni ₃ S ₂ nanorod array for overall water splitting. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 443-450.	3.0	54

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37	N-doped MoS ₂ nanosheets with exposed edges realizing robust electrochemical hydrogen evolution. <i>Journal of Solid State Chemistry</i> , 2018, 263, 84-87.	1.4	23
38	MoS ₂ nanosheets on B, N co-doped graphene nanosheets for active lithium storage. <i>Materials Letters</i> , 2018, 213, 162-165.	1.3	7
39	Nanosized SnO ₂ -CoS constructed porous cubes advanced lithium-ion batteries anode. <i>Ceramics International</i> , 2018, 44, 5569-5571.	2.3	19
40	Hybrid of Fe ₄ [Fe(CN) ₆] ₃ nanocubes and MoS ₂ nanosheets on nitrogen-doped graphene realizing improved electrochemical hydrogen production. <i>Electrochimica Acta</i> , 2018, 263, 140-146.	2.6	38
41	In-situ confined formation of NiFe layered double hydroxide quantum dots in expanded graphite for active electrocatalytic oxygen evolution. <i>Journal of Solid State Chemistry</i> , 2018, 262, 181-185.	1.4	15
42	CoMoS _{3.13} nanosheets grafted on B, N co-doped graphene nanotubes as bifunctional catalyst for efficient water electrolysis. <i>Journal of Alloys and Compounds</i> , 2018, 731, 403-410.	2.8	22
43	FePt nanoalloys on N-doped graphene paper as integrated electrode towards efficient formic acid electrooxidation. <i>Journal of Applied Electrochemistry</i> , 2018, 48, 95-103.	1.5	11
44	Co ₃ O ₄ Nanosheets Anchored on SiO ₂ Nanospheres for Non-Enzymatic Glucose Sensor. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 7251-7254.	0.9	3
45	FeNi Cubic Cage@N-Doped Carbon Coupled with N-Doped Graphene toward Efficient Electrochemical Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8266-8273.	3.2	68
46	Ni ₃ [Fe(CN) ₆] ₂ nanocubes boost the catalytic activity of Pt for electrochemical hydrogen evolution. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1683-1689.	3.0	23
47	Nickel iron boride nanosheets on rGO for active electrochemical water oxidation. <i>Journal of Solid State Chemistry</i> , 2018, 265, 135-139.	1.4	31
48	Enhanced hydrogen evolution of MoS ₂ /RGO: vanadium, nitrogen dopants triggered new active sites and expanded interlayer. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2092-2099.	3.0	36
49	N-doped reduced graphene oxide supported mixed Ni ₂ P CoP realize efficient overall water electrolysis. <i>Electrochimica Acta</i> , 2018, 282, 626-633.	2.6	43
50	Neighbor nanocrystals of SnO ₂ and TiO ₂ for improved lithium storage. <i>Materials Letters</i> , 2017, 195, 104-107.	1.3	2
51	Double-shell CuS nanocages as advanced supercapacitor electrode materials. <i>Journal of Power Sources</i> , 2017, 355, 31-35.	4.0	104
52	Self-template synthesis of hierarchical CoMoS ₃ nanotubes constructed of ultrathin nanosheets for robust water electrolysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11309-11315.	5.2	86
53	Shell-core MoS ₂ nanosheets@Fe ₃ O ₄ sphere heterostructure with exposed active edges for efficient electrocatalytic hydrogen production. <i>Journal of Alloys and Compounds</i> , 2017, 715, 53-59.	2.8	40
54	One-Dimensional CoO@C Core-Shell Nanostructures for Improved Lithium Storage Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 735-740.	0.9	1

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55	MoS ₂ nanosheets on C ₃ N ₄ realizing improved electrochemical hydrogen evolution. <i>Materials Letters</i> , 2017, 197, 41-44.	1.3	14
56	FeS ₂ Intercalated Into Graphite as Sandwiched Anode for Lithium-Ion Battery. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4520-4523.	0.9	4
57	Loading Pt Nanoparticles on Metal-Organic Frameworks for Improved Oxygen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11577-11583.	3.2	37
58	NiMoS ₃ Nanorods as pH-Tolerant Electrocatalyst for Efficient Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9006-9013.	3.2	43
59	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. <i>Materials Letters</i> , 2017, 188, 291-295.	1.3	4
60	Pie-like free-standing paper of graphene paper@Fe ₃ O ₄ nanorod array@carbon as integrated anode for robust lithium storage. <i>Chemical Engineering Journal</i> , 2017, 309, 272-277.	6.6	27
61	Sacrificial template formation of CoMoO ₄ hollow nanostructures constructed by ultrathin nanosheets for robust lithium storage. <i>RSC Advances</i> , 2016, 6, 51710-51715.	1.7	20
62	3D architecture constructed by 2D SnS ₂ -graphene hybrids towards large and fast lithium storage. <i>Materials Letters</i> , 2016, 185, 311-314.	1.3	6
63	Flexible foams of graphene entrapped SnO ₂ @Co ₃ O ₄ nanocubes with remarkably large and fast lithium storage. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16101-16107.	5.2	38
64	Hybrid catalyst of MoS ₂ -CoMo ₂ S ₄ on graphene for robust electrochemical hydrogen evolution. <i>Fuel</i> , 2016, 184, 559-564.	3.4	40
65	Layered FeMo ₄ S ₆ nanosheets with robust lithium storage and electrochemical hydrogen evolution. <i>Materials Letters</i> , 2016, 183, 1-4.	1.3	23
66	Doping MoS ₂ with Graphene Quantum Dots: Structural and Electrical Engineering towards Enhanced Electrochemical Hydrogen Evolution. <i>Electrochimica Acta</i> , 2016, 211, 603-610.	2.6	72
67	Synthesis of 1D porous Fe ₂ O ₃ nanostructures using SiO ₂ scaffold towards good lithium storages. <i>Materials Letters</i> , 2016, 171, 125-128.	1.3	5
68	Evaporation-induced self-assembly synthesis of mesoporous FeCo ₂ O ₄ octahedra with large and fast lithium storage properties. <i>Materials Letters</i> , 2016, 166, 1-4.	1.3	16
69	Boosting the lithium storage performance of MoS ₂ with graphene quantum dots. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4783-4789.	5.2	100
70	Mesoporous CoFe ₂ O ₄ octahedra with high-capacity and long-life lithium storage properties. <i>RSC Advances</i> , 2016, 6, 18-22.	1.7	11
71	One-step preparation of graphene nanosheets via ball milling of graphite and the application in lithium-ion batteries. <i>Journal of Materials Science</i> , 2016, 51, 3675-3683.	1.7	58
72	MoS ₂ -graphene hybrid nanosheets constructed 3D architectures with improved electrochemical performance for lithium-ion batteries and hydrogen evolution. <i>Electrochimica Acta</i> , 2016, 189, 224-230.	2.6	89

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73	Self-template synthesis of CoFe ₂ O ₄ nanotubes for high-performance lithium storage. RSC Advances, 2015, 5, 29837-29841.	1.7	23
74	Oxygen-incorporated MoS ₂ ultrathin nanosheets grown on graphene for efficient electrochemical hydrogen evolution. Journal of Power Sources, 2015, 291, 195-200.	4.0	133
75	Fast and large lithium storages from CoMoO ₄ nanorods-graphene composite. Ionics, 2015, 21, 2993-2999.	1.2	21
76	Carbon entrapped nanosized Fe ₃ O ₄ on Ni foam as integrated electrode with large and fast lithium storage. Materials Letters, 2015, 157, 63-66.	1.3	6
77	PtFe/nitrogen-doped graphene for high-performance electrooxidation of formic acid with composition sensitive electrocatalytic activity. RSC Advances, 2015, 5, 60237-60245.	1.7	28
78	Graphene-encapsulated cobalt sulfides nanocages with excellent anode performances for lithium ion batteries. Electrochimica Acta, 2015, 167, 32-38.	2.6	71
79	Construction of sandwiched graphene paper@Fe ₃ O ₄ nanorod array/graphene for large and fast lithium storage with an extended lifespan. Journal of Materials Chemistry A, 2015, 3, 19384-19392.	5.2	44
80	Topochemical transformation of Co(II) coordination polymers to Co ₃ O ₄ nanoplates for high-performance lithium storage. Journal of Materials Chemistry A, 2015, 3, 2251-2257.	5.2	49
81	Self-template synthesis of magnetic cobalt nanotube based on Kirkendall effect. Materials Letters, 2015, 141, 288-290.	1.3	3
82	Syntheses, Characterization, and Electrochemical Lithium-ion Storage Properties of Two Cobalt(II) Coordination Polymers Containing 5-Hydroxyisophthalic Acid and Bisbenzoimidazole Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2091-2096.	0.6	11
83	Ultralong life lithium-ion battery anode with superior high-rate capability and excellent cyclic stability from mesoporous Fe ₂ O ₃ @TiO ₂ core-shell nanorods. Journal of Materials Chemistry A, 2014, 2, 3912.	5.2	91
84	Self-assembled 3D Co ₃ O ₄ -graphene frameworks with high lithium storage performance. Ionics, 2014, 20, 1635-1639.	1.2	19
85	Large and stable reversible lithium-ion storages from mesoporous SnO ₂ nanosheets with ultralong lifespan over 1000 cycles. Journal of Power Sources, 2014, 268, 365-371.	4.0	40
86	One-dimensional mesoporous Fe ₂ O ₃ @TiO ₂ core-shell nanocomposites: Rational design, synthesis and application as high-performance photocatalyst in visible and UV light region. Applied Surface Science, 2014, 317, 43-48.	3.1	48
87	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.	2.8	24
88	In situ synthesis of SnO ₂ @Fe ₂ O ₃ @polyaniline and their conversion to SnO ₂ @Fe ₂ O ₃ @C composite as fully reversible anode material for lithium-ion batteries. Journal of Power Sources, 2014, 246, 862-867.	4.0	82
89	Porous Co ₃ O ₄ nanorods as anode for lithium-ion battery with excellent electrochemical performance. Journal of Solid State Chemistry, 2014, 213, 193-197.	1.4	28
90	Mesoporous CuO xerogels constructed by nanorods for high-performance lithium storage. Materials Letters, 2014, 118, 142-145.	1.3	12

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91	Sol-gel synthesis of mesoporous Co ₃ O ₄ octahedra toward high-performance anodes for lithium-ion batteries. <i>Electrochimica Acta</i> , 2014, 129, 410-415.	2.6	62
92	Monodisperse SnO ₂ anchored reduced graphene oxide nanocomposites as negative electrode with high rate capability and long cyclability for lithium-ion batteries. <i>Journal of Power Sources</i> , 2014, 262, 15-22.	4.0	84
93	Fe _{2.25} W _{0.75} O ₄ /reduced graphene oxide nanocomposites for novel bifunctional photocatalyst: One-pot synthesis, magnetically recyclable and enhanced photocatalytic property. <i>Journal of Solid State Chemistry</i> , 2013, 205, 171-176.	1.4	17
94	Template-free solvothermal synthesis of monodisperse porous LiFePO ₄ microsphere as a high-power cathode material for lithium-ion batteries. <i>Materials Letters</i> , 2013, 106, 290-293.	1.3	10
95	Tungsten doping magnetic iron oxide and their enhanced lithium ion storage properties. <i>Materials Letters</i> , 2013, 106, 304-307.	1.3	10
96	One-pot synthesis of ferromagnetic Fe _{2.25} W _{0.75} O ₄ nanoparticles as a magnetically recyclable photocatalyst. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	5
97	Monodisperse spindle-like FeWO ₄ nanoparticles: Controlled hydrothermal synthesis and enhanced optical properties. <i>Journal of Solid State Chemistry</i> , 2012, 196, 550-556.	1.4	37
98	Ultrasonic-induced synthesis of high surface area colloids CeO ₂ •ZrO ₂ . <i>Journal of Nanoparticle Research</i> , 2009, 11, 737-741.	0.8	19
99	The Different Bio-Effects of Functionalized Multi-Walled Carbon Nanotubes on tetrahymena pyriformis. <i>Current Nanoscience</i> , 2008, 4, 240-245.	0.7	8
100	Biodistribution of functionalized multiwall carbon nanotubes in mice. <i>Nuclear Medicine and Biology</i> , 2007, 34, 579-583.	0.3	132
101	Dependence of the cytotoxicity of multi-walled carbon nanotubes on the culture medium. <i>Nanotechnology</i> , 2006, 17, 4668-4674.	1.3	87
102	The effects of ¹³⁷ I-irradiation dose on chemical modification of multi-walled carbon nanotubes. <i>Nanotechnology</i> , 2005, 16, 2385-2388.	1.3	61
103	The study of the filling behaviour of carbon nanotubes using the radioactive-trace technique. <i>Nanotechnology</i> , 2003, 14, 1203-1207.	1.3	4
104	Efficient hydrogen evolution by reconstruction of NiMoO ₄ •CoO via Mo recombination. <i>Inorganic Chemistry Frontiers</i> , 0, , .	3.0	6