

Wei Luo

List of Publications by Year in descending order

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papers

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127
all docs

127
docs citations

127
times ranked

7982
citing authors

#	ARTICLE	IF	CITATIONS
1	Nest-like NiCoP for Highly Efficient Overall Water Splitting. ACS Catalysis, 2017, 7, 4131-4137.	11.2	480
2	Co-Doped MOF-Based Electrocatalyst for pH-Universal Hydrogen Evolution Reaction. Angewandte Chemie - International Edition, 2019, 58, 4679-4684.	13.8	480
3	Ultrathin Nitrogen-Doped Carbon Coated with CoP for Efficient Hydrogen Evolution. ACS Catalysis, 2017, 7, 3824-3831.	11.2	404
4	Tailoring the Electronic Structure of Co ₂ P by N Doping for Boosting Hydrogen Evolution Reaction at All pH Values. ACS Catalysis, 2019, 9, 3744-3752.	11.2	357
5	Self-Sacrificial Template-Directed Vapor-Phase Growth of MOF Assemblies and Surface Vulcanization for Efficient Water Splitting. Advanced Materials, 2019, 31, e1806672.	21.0	248
6	Boosting Hydrogen Oxidation Activity of Ni in Alkaline Media through Oxygen-Vacancy-Rich CeO ₂ /Ni Heterostructures. Angewandte Chemie - International Edition, 2019, 58, 14179-14183.	13.8	223
7	Synergistically Tuning Water and Hydrogen Binding Abilities Over Co ₄ N by Cr Doping for Exceptional Alkaline Hydrogen Evolution Electrocatalysis. Advanced Energy Materials, 2019, 9, 1902449.	19.5	205
8	A Single-Component Liquid-Phase Hydrogen Storage Material. Journal of the American Chemical Society, 2011, 133, 19326-19329.	13.7	203
9	A Monodisperse Rh ₂ P-Based Electrocatalyst for Highly Efficient and pH-Universal Hydrogen Evolution Reaction. Advanced Energy Materials, 2018, 8, 1703489.	19.5	180
10	Ternary nickel-iron sulfide microflowers as a robust electrocatalyst for bifunctional water splitting. Journal of Materials Chemistry A, 2017, 5, 15838-15844.	10.3	179
11	Graphene-Supported Ag-Based Core-Shell Nanoparticles for Hydrogen Generation in Hydrolysis of Ammonia Borane and Methylamine Borane. ACS Applied Materials & Interfaces, 2013, 5, 8231-8240.	8.0	174
12	Nitrogen-doped CoP as robust electrocatalyst for high-efficiency pH-universal hydrogen evolution reaction. Applied Catalysis B: Environmental, 2019, 253, 21-27.	20.2	172
13	Oxygen-Vacancy-Induced CeO ₂ /Co ₄ N heterostructures toward enhanced pH-Universal hydrogen evolution reactions. Applied Catalysis B: Environmental, 2020, 277, 119282.	20.2	166
14	A cobalt-based hybrid electrocatalyst derived from a carbon nanotube inserted metal-organic framework for efficient water-splitting. Journal of Materials Chemistry A, 2016, 4, 16057-16063.	10.3	156
15	In situ facile synthesis of bimetallic CoNi catalyst supported on graphene for hydrolytic dehydrogenation of amine borane. International Journal of Hydrogen Energy, 2014, 39, 3371-3380.	7.1	151
16	Hierarchical NiFeP microflowers directly grown on Ni foam for efficient electrocatalytic oxygen evolution. Journal of Materials Chemistry A, 2017, 5, 11229-11235.	10.3	148
17	An Fe-N-C hybrid electrocatalyst derived from a bimetal-organic framework for efficient oxygen reduction. Journal of Materials Chemistry A, 2016, 4, 11357-11364.	10.3	142
18	One-step synthesis of graphene supported Ru nanoparticles as efficient catalysts for hydrolytic dehydrogenation of ammonia borane. International Journal of Hydrogen Energy, 2013, 38, 11964-11972.	7.1	131

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19	Colloidal synthesis of urchin-like Fe doped NiSe ₂ for efficient oxygen evolution. <i>Nanoscale</i> , 2017, 9, 6821-6825.	5.6	127
20	Nitrogen Engineering on 3D Dandelion-Flower-Like CoS ₂ for High-Performance Overall Water Splitting. <i>Small</i> , 2019, 15, e1901993.	10.0	124
21	Phosphorus-Induced Activation of Ruthenium for Boosting Hydrogen Oxidation and Evolution Electrocatalysis. <i>ACS Catalysis</i> , 2020, 10, 11751-11757.	11.2	124
22	Ultrathin Ir nanowires as high-performance electrocatalysts for efficient water splitting in acidic media. <i>Nanoscale</i> , 2018, 10, 1892-1897.	5.6	122
23	Rh nanoparticles supported on graphene as efficient catalyst for hydrolytic dehydrogenation of amine boranes for chemical hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 1062-1070.	7.1	121
24	In situ synthesis of graphene supported Ag@CoNi core-shell nanoparticles as highly efficient catalysts for hydrogen generation from hydrolysis of ammonia borane and methylamine borane. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10016.	10.3	118
25	Reduced Graphene Oxide-Wrapped Co ₉ S ₈ /Co,Fe-Ni Composite as Bifunctional Electrocatalyst for Oxygen Reduction and Evolution. <i>Small</i> , 2018, 14, 1703748.	10.0	117
26	AgPd nanoparticles supported on MIL-101 as high performance catalysts for catalytic dehydrogenation of formic acid. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11060.	10.3	108
27	Co-Doped MOF-Based Electrocatalyst for pH-Universal Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2019, 131, 4727-4732.	2.0	102
28	One-step synthesis of magnetically recyclable rGO supported Cu@Co core-shell nanoparticles: highly efficient catalysts for hydrolytic dehydrogenation of ammonia borane and methylamine borane. <i>New Journal of Chemistry</i> , 2013, 37, 3035.	2.8	97
29	Intermolecular Energy Gap-Induced Formation of High-Valent Cobalt Species in CoOOH Surface Layer on Cobalt Sulfides for Efficient Water Oxidation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	97
30	1,2-BN Cyclohexane: Synthesis, Structure, Dynamics, and Reactivity. <i>Journal of the American Chemical Society</i> , 2011, 133, 13006-13009.	13.7	95
31	Amorphous NiP supported on rGO for superior hydrogen generation from hydrolysis of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 14181-14187.	7.1	94
32	Graphene-Supported Nickel-Platinum Nanoparticles as Efficient Catalyst for Hydrogen Generation from Hydrous Hydrazine at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 1031-1034.	8.0	91
33	Hexagonal RuSe ₂ Nanosheets for Highly Efficient Hydrogen Evolution Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7013-7017.	13.8	88
34	IrMo Nanocatalysts for Efficient Alkaline Hydrogen Electrocatalysis. <i>ACS Catalysis</i> , 2020, 10, 7322-7327.	11.2	87
35	Colloidal synthesis of monodisperse trimetallic IrNiFe nanoparticles as highly active bifunctional electrocatalysts for acidic overall water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24836-24841.	10.3	85
36	Enhanced HOR catalytic activity of PGM-free catalysts in alkaline media: the electronic effect induced by different heteroatom doped carbon supports. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10936-10941.	10.3	84

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37	Modification of the Intermediate Binding Energies on Ni ₃ N Heterostructure for Enhanced Alkaline Hydrogen Oxidation Reaction. <i>Advanced Functional Materials</i> , 2021, 31, 2106156.	14.9	84
38	Ni-Pt nanoparticles supported on MIL-101 as highly efficient catalysts for hydrogen generation from aqueous alkaline solution of hydrazine for chemical hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 9726-9734.	7.1	81
39	Graphene supported cobalt(0) nanoparticles for hydrolysis of ammonia borane. <i>Materials Letters</i> , 2014, 115, 113-116.	2.6	80
40	IrCo Nanodendrite as an Efficient Bifunctional Electrocatalyst for Overall Water Splitting under Acidic Conditions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24993-24998.	8.0	76
41	Oxygen-Inserted Top-Surface Layers of Ni for Boosting Alkaline Hydrogen Oxidation Electrocatalysis. <i>Journal of the American Chemical Society</i> , 2022, 144, 12661-12672.	13.7	75
42	Inter-regulated d-band centers of the Ni ₃ B/Ni heterostructure for boosting hydrogen electrooxidation in alkaline media. <i>Chemical Science</i> , 2020, 11, 12118-12123.	7.4	74
43	Immobilization of Ultrafine Bimetallic Ni-Pt Nanoparticles Inside the Pores of Metal-Organic Frameworks as Efficient Catalysts for Dehydrogenation of Alkaline Solution of Hydrazine. <i>Inorganic Chemistry</i> , 2014, 53, 10122-10128.	4.0	71
44	Monodisperse Palladium Sulfide as Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 753-761.	8.0	68
45	Metal-organic framework-derived hybrid of Fe ₃ C nanorod-encapsulated, N-doped CNTs on porous carbon sheets for highly efficient oxygen reduction and water oxidation. <i>Catalysis Science and Technology</i> , 2016, 6, 6365-6371.	4.1	63
46	Tailoring the 3d-orbital electron filling degree of metal center to boost alkaline hydrogen evolution electrocatalysis. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119718.	20.2	63
47	Bimetallic Nickel-Rhodium Nanoparticles Supported on ZIF-8 as Highly Efficient Catalysts for Hydrogen Generation from Hydrazine in Alkaline Solution. <i>ChemCatChem</i> , 2014, 6, 2549-2552.	3.7	61
48	Graphene-Supported Trimetallic Core-Shell Cu@CoNi Nanoparticles for Catalytic Hydrolysis of Amine Borane. <i>ChemPlusChem</i> , 2014, 79, 325-332.	2.8	59
49	Ruthenium supported on MIL-96: An efficient catalyst for hydrolytic dehydrogenation of ammonia borane for chemical hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 17129-17135.	7.1	59
50	Nanoscale MIL-101 supported RhNi nanoparticles: an efficient catalyst for hydrogen generation from hydrous hydrazine. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12468-12475.	10.3	59
51	IrW nanobranches as an advanced electrocatalyst for pH-universal overall water splitting. <i>Nanoscale</i> , 2019, 11, 8898-8905.	5.6	59
52	Ruthenium supported on MIL-101 as an efficient catalyst for hydrogen generation from hydrolysis of amine boranes. <i>New Journal of Chemistry</i> , 2014, 38, 4032.	2.8	57
53	3D mesoporous rose-like nickel-iron selenide microspheres as advanced electrocatalysts for the oxygen evolution reaction. <i>Nano Research</i> , 2018, 11, 2149-2158.	10.4	57
54	Facile Synthesis of a N-Doped Fe ₃ C@CNT/Porous Carbon Hybrid for an Advanced Oxygen Reduction and Water Oxidation Electrocatalyst. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11006-11013.	3.1	54

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55	Monodisperse CoAgPd nanoparticles assembled on graphene for efficient hydrogen generation from formic acid at room temperature. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 439-446.	7.1	53
56	A reduced graphene oxide/covalent cobalt porphyrin framework for efficient oxygen reduction reaction. <i>Dalton Transactions</i> , 2017, 46, 9344-9348.	3.3	53
57	NiSe ₂ /FeSe ₂ nanodendrites: a highly efficient electrocatalyst for oxygen evolution reaction. <i>Catalysis Science and Technology</i> , 2017, 7, 4604-4608.	4.1	53
58	Highly efficient dehydrogenation of hydrazine over graphene supported flower-like NiPt nanoclusters at room temperature. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14344.	10.3	52
59	An Amorphous Cobalt Borate Nanosheet-Coated Cobalt Boride Hybrid for Highly Efficient Alkaline Water Oxidation Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5620-5625.	6.7	51
60	Recent advances in alkaline hydrogen oxidation reaction. <i>Journal of Energy Chemistry</i> , 2022, 66, 107-122.	12.9	51
61	Ultrasml Ir nanoparticles for efficient acidic electrochemical water splitting. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1121-1125.	6.0	49
62	NiPt/MnO _x supported on N-doped porous carbon derived from metal-organic frameworks for highly efficient hydrogen generation from hydrazine. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5616-5622.	10.3	47
63	Trends in Alkaline Hydrogen Evolution Activity on Cobalt Phosphide Electrocatalysts Doped with Transition Metals. <i>Cell Reports Physical Science</i> , 2020, 1, 100136.	5.6	46
64	Nitrogen-doped graphene hydrogel-supported NiPt-CeO _x nanocomposites and their superior catalysis for hydrogen generation from hydrazine at room temperature. <i>Nano Research</i> , 2017, 10, 2856-2865.	10.4	43
65	Ruthenium deposited on MCM-41 as efficient catalyst for hydrolytic dehydrogenation of ammonia borane and methylamine borane. <i>Chinese Chemical Letters</i> , 2015, 26, 1345-1350.	9.0	42
66	CoBP nanoparticles supported on three-dimensional nitrogen-doped graphene hydrogel and their superior catalysis for hydrogen generation from hydrolysis of ammonia borane. <i>Journal of Alloys and Compounds</i> , 2018, 735, 1271-1276.	5.5	41
67	Three-dimensional nitrogen-doped graphene hydrogel supported Co-CeO _x nanoclusters as efficient catalysts for hydrogen generation from hydrolysis of ammonia borane. <i>Chinese Chemical Letters</i> , 2018, 29, 1671-1674.	9.0	41
68	Well-aligned metal-organic framework array-derived CoS ₂ nanosheets toward robust electrochemical water splitting. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1732-1738.	5.9	41
69	NiPt nanoparticles supported on CeO ₂ nanospheres for efficient catalytic hydrogen generation from alkaline solution of hydrazine. <i>Chinese Chemical Letters</i> , 2019, 30, 634-637.	9.0	41
70	NiRh nanoparticles supported on nitrogen-doped porous carbon as highly efficient catalysts for dehydrogenation of hydrazine in alkaline solution. <i>Nano Research</i> , 2015, 8, 3472-3479.	10.4	40
71	High-Performance Ru ₂ P Anodic Catalyst for Alkaline Polymer Electrolyte Fuel Cells. <i>CCS Chemistry</i> , 2022, 4, 1732-1744.	7.8	39
72	Intermolecular Energy Gap-Induced Formation of High-Valent Cobalt Species in CoOOH Surface Layer on Cobalt Sulfides for Efficient Water Oxidation. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	39

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73	Mo-doped Ni ₃ S ₂ Nanowires as High-Performance Electrocatalysts for Overall Water Splitting. <i>ChemElectroChem</i> , 2018, 5, 2564-2570.	3.4	38
74	Boosting Hydrogen Oxidation Activity of Ni in Alkaline Media through Oxygen-Vacancy-Rich CeO ₂ /Ni Heterostructures. <i>Angewandte Chemie</i> , 2019, 131, 14317-14321.	2.0	38
75	Discrepant roles of adsorbed OH* species on IrWO for boosting alkaline hydrogen electrocatalysis. <i>Science Bulletin</i> , 2020, 65, 1735-1742.	9.0	37
76	Ni-Pt nanoparticles growing on metal organic frameworks (MIL-96) with enhanced catalytic activity for hydrogen generation from hydrazine at room temperature. <i>Dalton Transactions</i> , 2015, 44, 6212-6218.	3.3	36
77	A RhNiP/rGO hybrid for efficient catalytic hydrogen generation from an alkaline solution of hydrazine. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14572-14576.	10.3	36
78	A cobalt hydroxide coated metal-organic framework for enhanced water oxidation electrocatalysis. <i>Chemical Engineering Journal</i> , 2021, 408, 127319.	12.7	36
79	CeO _x -modified NiFe nanodendrites grown on rGO for efficient catalytic hydrogen generation from alkaline solution of hydrazine. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 27165-27173.	7.1	35
80	Constructing the CoO/Co ₄ N heterostructure with an optimized electronic structure to boost alkaline hydrogen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 18208-18212.	10.3	35
81	Ultrafine phosphorus-doped rhodium for enhanced hydrogen electrocatalysis in alkaline electrolytes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11923-11927.	10.3	34
82	Carbon Encapsulated Hollow Co ₃ O ₄ Composites Derived from Reduced Graphene Oxide Wrapped Metal-Organic Frameworks with Enhanced Lithium Storage and Water Oxidation Properties. <i>Inorganic Chemistry</i> , 2018, 57, 10649-10655.	4.0	33
83	Ni _{0.85} Se hexagonal nanosheets as an advanced conversion cathode for Mg secondary batteries. <i>Journal of Energy Chemistry</i> , 2020, 48, 226-232.	12.9	33
84	Decoration of graphene with tetrametallic Cu@FeCoNi core-shell nanoparticles for catalytic hydrolysis of amine boranes. <i>RSC Advances</i> , 2014, 4, 32817.	3.6	32
85	Ir-oriented nanocrystalline assemblies with high activity for hydrogen oxidation/evolution reactions in an alkaline electrolyte. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22959-22963.	10.3	31
86	Enhanced catalytic activity of Ru through N modification toward alkaline hydrogen electrocatalysis. <i>Chinese Chemical Letters</i> , 2022, 33, 1065-1069.	9.0	31
87	Nickel-iron borate coated nickel-iron boride hybrid for highly stable and active oxygen evolution electrocatalysis. <i>Chinese Chemical Letters</i> , 2020, 31, 2469-2472.	9.0	30
88	Cu ₂ MoS ₄ hollow nanocages with fast and stable Mg ²⁺ -storage performance. <i>Chemical Engineering Journal</i> , 2020, 387, 124125.	12.7	30
89	Boosting alkaline hydrogen evolution electrocatalysis through electronic communicating vessels on Co ₂ P/Co ₄ N heterostructure catalyst. <i>Chemical Engineering Journal</i> , 2022, 433, 133831.	12.7	28
90	Identifying the Role of Hydroxyl Binding Energy in a Non-Monotonous Behavior of Pd ₄ S for Hydrogen Oxidation Reaction. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	28

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91	Dual-phase engineering of MoN/Co ₄ N with tailored electronic structure for enhanced hydrogen evolution. <i>Chemical Engineering Journal</i> , 2021, 421, 127757.	12.7	27
92	3-Methyl-1,2-BN-cyclopentane: a promising H ₂ storage material?. <i>Dalton Transactions</i> , 2013, 42, 611-614.	3.3	26
93	Ternary CoAgPd Nanoparticles Confined Inside the Pores of MIL-101 as Efficient Catalyst for Dehydrogenation of Formic Acid. <i>Catalysis Letters</i> , 2016, 146, 518-524.	2.6	24
94	Decorating WSe ₂ nanosheets with ultrafine Ru nanoparticles for boosting electrocatalytic hydrogen evolution in alkaline electrolytes. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1382-1387.	6.0	24
95	Fe ₃ C Nanorods Encapsulated in N-Doped Carbon Nanotubes as Active Electrocatalysts for Hydrogen Evolution Reaction. <i>Electrocatalysis</i> , 2018, 9, 264-270.	3.0	24
96	Origin of the enhanced oxygen evolution reaction activity and stability of a nitrogen and cerium co-doped CoS ₂ electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22694-22702.	10.3	23
97	Nitridation-induced metal-organic framework nanosheet for enhanced water oxidation electrocatalysis. <i>Journal of Energy Chemistry</i> , 2022, 64, 531-537.	12.9	23
98	Cuboid Ni ₂ P as a Bifunctional Catalyst for Efficient Hydrogen Generation from Hydrolysis of Ammonia Borane and Electrocatalytic Hydrogen Evolution. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2967-2972.	3.3	21
99	NiCo ₂ Se ₄ Hierarchical Microflowers of Nanosheets and Nanorods as Pseudocapacitive Mg-Storage Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2964-2972.	6.7	21
100	Correlating Alkaline Hydrogen Electrocatalysis and Hydroxide Binding Energies on Mo-Modified Ru Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 1616-1623.	6.7	21
101	Hexagonal RuSe ₂ Nanosheets for Highly Efficient Hydrogen Evolution Electrocatalysis. <i>Angewandte Chemie</i> , 2021, 133, 7089-7093.	2.0	20
102	Discharge-Induced Enhancement of the Oxygen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20042-20048.	13.8	20
103	Sequence control of metals in MOF by coordination number precoding for electrocatalytic oxygen evolution. <i>Chem Catalysis</i> , 2022, 2, 84-101.	6.1	20
104	Colloidal synthesis of iridium-iron nanoparticles for electrocatalytic oxygen evolution. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1199-1203.	4.9	19
105	Rhodium Phosphide: A New Type of Hydrogen Oxidation Reaction Catalyst with Non-Linear Correlated Catalytic Response to pH. <i>ChemElectroChem</i> , 2019, 6, 1990-1995.	3.4	19
106	Ultrafine Rh nanoparticle decorated MoSe ₂ nanoflowers for efficient alkaline hydrogen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2978-2984.	6.0	18
107	Electronic Modulation of Ru Nanosheet by d-d Orbital Coupling for Enhanced Hydrogen Oxidation Reaction in Alkaline Electrolytes. <i>Small</i> , 2022, 18, .	10.0	18
108	Colloidal Synthesis of NiWSe Nanosheets for Efficient Electrocatalytic Hydrogen Evolution Reaction in Alkaline Media. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2040-2045.	3.3	17

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109	In Situ Synthesis of NiCoP Nanoparticles Supported on Reduced Graphene Oxide for the Catalytic Hydrolysis of Ammonia Borane. <i>ChemPlusChem</i> , 2019, 84, 382-386.	2.8	17
110	Phosphorus doped nickel selenide for full device water splitting. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 115-122.	9.4	17
111	Boosting Hydrogen Oxidation Performance of Phase-Engineered Ni Electrocatalyst under Alkaline Media. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 3682-3689.	6.7	16
112	Construction of a hierarchical NiFe layered double hydroxide with a 3D mesoporous structure as an advanced electrocatalyst for water oxidation. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1795-1799.	6.0	15
113	Molybdenum-induced tuning 3d-orbital electron filling degree of CoSe ₂ for alkaline hydrogen and oxygen evolution reactions. <i>Chinese Chemical Letters</i> , 2023, 34, 107364.	9.0	13
114	Mg storage properties of hollow copper selenide nanocubes. <i>Dalton Transactions</i> , 2020, 49, 13253-13261.	3.3	11
115	Self-supported nickel sulfide derived from nickel foam for hydrogen evolution and oxygen evolution reaction: effect of crystal phase switching. <i>Nanotechnology</i> , 2021, 32, 085710.	2.6	11
116	Highly efficient electrochemical carbon dioxide reduction to syngas with tunable ratios over pyridinic- nitrogen rich ultrathin carbon nanosheets. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2650-2659.	9.4	11
117	Manipulating the electronic structure of Ni electrocatalyst through d-p orbital hybridization induced by B-doping for efficient alkaline hydrogen oxidation reaction. <i>Chinese Journal of Catalysis</i> , 2022, 43, 1527-1534.	14.0	10
118	In Situ Synthesis of Ni(0) Catalysts Derived from Nickel Halides for Hydrolytic Dehydrogenation of Ammonia Borane. <i>Catalysis Letters</i> , 2013, 143, 873-880.	2.6	9
119	A novel 18-membered metallacrown containing a double-azathiocrown. <i>Transition Metal Chemistry</i> , 2008, 33, 295-299.	1.4	8
120	Reaction Kinetics Tuned Synthesis of Platinum Nanorods and Nanodendrites with Enhanced Electrocatalytic Performance for Oxygen Reduction. <i>ChemElectroChem</i> , 2016, 3, 2281-2287.	3.4	7
121	Reticulation of 2D Semiconductors by Metal-Organic Approach for Efficient Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8102-8110.	6.7	7
122	Synthesis, spectra and X-ray crystal structure of a new type of macrocyclic hexanuclear iron(III) cluster. <i>Journal of Coordination Chemistry</i> , 2007, 60, 1037-1045.	2.2	6
123	Bent and linear trinuclear nickel complexes with ligands derived from N -acylsalicylhydrazide ligands: structural characterization and bioactivity. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1492-1501.	2.2	6
124	Chiral Resolution of Basic Pharmaceutical Enantiomers by Capillary Zone Electrophoresis. <i>Analytical Letters</i> , 2003, 36, 91-106.	1.8	3
125	Discharge Induced Enhancement of the Oxygen Evolution Reaction. <i>Angewandte Chemie</i> , 2021, 133, 20195-20201.	2.0	3
126	Iridium (⁷⁷Ir). <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2019, , 727-739.	0.1	0