

Honggang Fu

List of Publications by Year in descending order

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265
papers

28,534
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3731

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#	ARTICLE	IF	CITATIONS
1	A dual-active Co-CoO heterojunction coupled with Ti ₃ C ₂ -MXene for highly-performance overall water splitting. <i>Nano Research</i> , 2022, 15, 238-247.	10.4	66
2	Supramolecular precursor derived loofah sponge-like Fe ₂ O _x /C for effective synergistic reaction of Fenton and photocatalysis. <i>Nano Research</i> , 2022, 15, 1949-1958.	10.4	9
3	Vanadium-incorporated CoP ₂ with Lattice Expansion for Highly Efficient Acidic Overall Water Splitting. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	16
4	Multi-touch cobalt phosphide-tungsten phosphide heterojunctions anchored on reduced graphene oxide boosting wide pH hydrogen evolution. <i>Science China Materials</i> , 2022, 65, 1225-1236.	6.3	21
5	Vanadium-incorporated CoP ₂ with Lattice Expansion for Highly Efficient Acidic Overall Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	85
6	Constructing Pd-N interactions in Pd/g-C ₃ N ₄ to improve the charge dynamics for efficient photocatalytic hydrogen evolution. <i>Nano Research</i> , 2022, 15, 2928-2934.	10.4	18
7	Ni-promoted MoS ₂ in hollow zeolite nanoreactors: enhanced catalytic activity and stability for deep hydrodesulfurization. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7263-7270.	10.3	8
8	The Fe ₃ Câ€“N Site Assists the Feâ€“N Site to Promote Activity of the Feâ€“Nâ€“C Electrocatalyst for Oxygen Reduction Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 3346-3354.	6.7	15
9	Fe ₃ C coupled with Fe-N _x supported on N-doped carbon as oxygen reduction catalyst for assembling Zn-air battery to drive water splitting. <i>Chinese Chemical Letters</i> , 2022, 33, 3903-3908.	9.0	16
10	Recent advances of biomass derived carbon-based materials for efficient electrochemical energy devices. <i>Journal of Materials Chemistry A</i> , 2022, 10, 9277-9307.	10.3	48
11	Controlled Atmosphere Corrosion Engineering toward Inhomogeneous NiFe-LDH for Energetic Oxygen Evolution. <i>ACS Nano</i> , 2022, 16, 7794-7803.	14.6	51
12	Research progress of Fe-N-C catalysts for the electrocatalytic oxygen reduction reaction. <i>Science China Materials</i> , 2022, 65, 1701-1722.	6.3	21
13	Atomically Dispersed Feâ€“N ₃ C Sites Induce Asymmetric Electron Structures to Afford Superior Oxygen Reduction Activity. <i>Small</i> , 2022, 18, e2201255.	10.0	23
14	A Unique Feâ€“N ₄ Coordination System Enabling Transformation of Oxygen into Superoxide for Photocatalytic C ₂ H ₄ Activation with High Efficiency and Selectivity. <i>Advanced Materials</i> , 2022, 34, e2200612.	21.0	43
15	Unraveling the mechanism for paired electrocatalysis of organics with water as a feedstock. <i>Nature Communications</i> , 2022, 13, .	12.8	48
16	The confined growth of few-layered and ultrashort-slab Ni-promoted MoS ₂ on reduced graphene oxide for deep-degree hydrodesulfurization. <i>Nano Research</i> , 2022, 15, 7052-7062.	10.4	8
17	Solar-boosted electrocatalytic oxygen evolution via catalytic site remodelling of CoCr layered double hydroxide. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119707.	20.2	26
18	Multivalent Sn species synergistically favours the CO ₂ -into-HCOOH conversion. <i>Nano Research</i> , 2021, 14, 1053-1060.	10.4	49

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19	Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation. <i>Angewandte Chemie</i> , 2021, 133, 4865-4872.	2.0	19
20	Visible-Light Responsive TiO ₂ -Based Materials for Efficient Solar Energy Utilization. <i>Advanced Energy Materials</i> , 2021, 11, 2003303.	19.5	118
21	Two-Dimensional Porous Molybdenum Phosphide/Nitride Heterojunction Nanosheets for pH-Universal Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6673-6681.	13.8	227
22	Zinc assisted epitaxial growth of N-doped CNTs-based zeolitic imidazole frameworks derivative for high efficient oxygen reduction reaction in Zn-air battery. <i>Chemical Engineering Journal</i> , 2021, 414, 127569.	12.7	55
23	Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4815-4822.	13.8	233
24	Synergetic enhancement of surface reactions and charge separation over holey C ₃ N ₄ /TiO ₂ 2D heterojunctions. <i>Science Bulletin</i> , 2021, 66, 275-283.	9.0	61
25	One-dimensional CO ₉ S ₈ -V ₃ S ₄ heterojunctions as bifunctional electrocatalysts for highly efficient overall water splitting. <i>Science China Materials</i> , 2021, 64, 1396-1407.	6.3	36
26	Two-Dimensional Porous Molybdenum Phosphide/Nitride Heterojunction Nanosheets for pH-Universal Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2021, 133, 6747-6755.	2.0	25
27	Innenrücktitelbild: Ultrathin Porous Carbon Nitride Bundles with an Adjustable Energy Band Structure toward Simultaneous Solar Photocatalytic Water Splitting and Selective Phenylcarbinol Oxidation (<i>Angew. Chem.</i> 9/2021). <i>Angewandte Chemie</i> , 2021, 133, 5003-5003.	2.0	1
28	Operando Cooperated Catalytic Mechanism of Atomically Dispersed Cu ^N 4 and Zn ^N 4 for Promoting Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , 2021, 133, 14124-14131.	2.0	22
29	Recent advances in rechargeable Zn-based batteries. <i>Journal of Power Sources</i> , 2021, 493, 229677.	7.8	41
30	Operando Cooperated Catalytic Mechanism of Atomically Dispersed Cu ^N 4 and Zn ^N 4 for Promoting Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14005-14012.	13.8	312
31	Structural Design Strategy and Active Site Regulation of High-Efficient Bifunctional Oxygen Reaction Electrocatalysts for Zn-Air Battery. <i>Small</i> , 2021, 17, e2006766.	10.0	89
32	Insight on the active sites of CoNi alloy embedded in N-doped carbon nanotubes for oxygen reduction reaction. <i>Science China Materials</i> , 2021, 64, 2719-2728.	6.3	16
33	Advanced Research Progress on High-Efficient Utilization of Pt Electrocatalysts in Fuel Cells. <i>Energy Technology</i> , 2021, 9, 2100227.	3.8	8
34	Designed Synthesis and Catalytic Mechanisms of Non-Precious Metal Single-Atom Catalysts for Oxygen Reduction Reaction. <i>Small Methods</i> , 2021, 5, e2100865.	8.6	39
35	Electronic Structure Modulation of Non-Noble-Metal-Based Catalysts for Biomass Electrooxidation Reactions. <i>Small Structures</i> , 2021, 2, 2100095.	12.0	28
36	Construction of Six-Oxygen-Coordinated Single Ni Sites on g-C ₃ N ₄ with Boron-Oxo Species for Photocatalytic Water-Activation-Induced CO ₂ Reduction. <i>Advanced Materials</i> , 2021, 33, e2105482.	21.0	128

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37	Single Metal Atom Decorated Carbon Nitride for Efficient Photocatalysis: Synthesis, Structure, and Applications. <i>Solar Rrl</i> , 2021, 5, 2000609.	5.8	51
38	Hollow CoP spheres assembled from porous nanosheets as high-rate and ultra-stable electrodes for advanced supercapacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26226-26235.	10.3	31
39	Zn δ -Doped Porous CoNiP Nanosheet Arrays as Efficient and Stable Bifunctional Electrocatalysts for Overall Water Splitting. <i>Energy Technology</i> , 2020, 8, 1901079.	3.8	20
40	Efficiently photocatalytic degradation of monochlorophenol on in-situ fabricated BiPO ₄ /Bi ₂ O ₃ heterojunction microspheres and O ₂ -free hole-induced selective dechlorination conversion with H ₂ evolution. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118313.	20.2	42
41	Cubic imidazolate frameworks-derived CoFe alloy nanoparticles-embedded N-doped graphitic carbon for discharging reaction of Zn-air battery. <i>Science China Materials</i> , 2020, 63, 327-338.	6.3	51
42	Surface domain heterojunction on rutile TiO ₂ for highly efficient photocatalytic hydrogen evolution. <i>Nanoscale Horizons</i> , 2020, 5, 1596-1602.	8.0	15
43	Porous cobalt/tungsten nitride polyhedra as efficient bifunctional electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22938-22946.	10.3	56
44	In situ intercalation and exploitation of Co ₃ O ₄ nanoparticles grown on carbon nitride nanosheets for highly efficient degradation of methylene blue. <i>Dalton Transactions</i> , 2020, 49, 14665-14672.	3.3	12
45	N-Doped carbon coating enhances the bifunctional oxygen reaction activity of CoFe nanoparticles for a highly stable Zn-air battery. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21189-21198.	10.3	63
46	Electronic Tuning of Ni by Mo Species for Highly Efficient Hydroisomerization of <i>n</i> -Alkanes Comparable to Pt-Based Catalysts. <i>ACS Catalysis</i> , 2020, 10, 10449-10458.	11.2	63
47	Porous Plate-like MoP Assembly as an Efficient pH-Universal Hydrogen Evolution Electrocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49596-49606.	8.0	46
48	Surface curvature-confined strategy to ultrasmall nickel-molybdenum sulfide nanoflakes for highly efficient deep hydrodesulfurization. <i>Nano Research</i> , 2020, 13, 882-890.	10.4	22
49	Interfacial Engineering of MoO ₂ @FeP Heterojunction for Highly Efficient Hydrogen Evolution Coupled with Biomass Electrooxidation. <i>Advanced Materials</i> , 2020, 32, e2000455.	21.0	401
50	A Promoted Charge Separation/Transfer System from Cu Single Atoms and C ₃ N ₄ Layers for Efficient Photocatalysis. <i>Advanced Materials</i> , 2020, 32, e2003082.	21.0	333
51	Heterophase engineering of SnO ₂ /Sn ₃ O ₄ drives enhanced carbon dioxide electrocatalytic reduction to formic acid. <i>Science China Materials</i> , 2020, 63, 2314-2324.	6.3	36
52	A δ -competitive occupancy strategy toward Co ₄ single-atom catalysts embedded in 2D TiN/rGO sheets for highly efficient and stable aromatic nitroreduction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4807-4815.	10.3	19
53	Ni ₂ P nanocrystals coated on carbon nanotubes as enhanced lightweight electromagnetic wave absorbers. <i>Carbon</i> , 2020, 161, 51-61.	10.3	39
54	Defects-engineering of magnetic γ -Fe ₂ O ₃ ultrathin nanosheets/mesoporous black TiO ₂ hollow sphere heterojunctions for efficient charge separation and the solar-driven photocatalytic mechanism of tetracycline degradation. <i>Applied Catalysis B: Environmental</i> , 2019, 240, 319-328.	20.2	188

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55	Effective Electrocatalytic Hydrogen Evolution in Neutral Medium Based on 2D MoP/MoS ₂ Heterostructure Nanosheets. ACS Applied Materials & Interfaces, 2019, 11, 25986-25995.	8.0	86
56	B,N-Doped Defective Carbon Entangled Fe ₃ C Nanoparticles as the Superior Oxygen Reduction Electrocatalyst for Zn-Air Batteries. ACS Sustainable Chemistry and Engineering, 2019, 7, 19104-19112.	6.7	48
57	3D hierarchical V-Ni-based nitride heterostructure as a highly efficient pH-universal electrocatalyst for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 15823-15830.	10.3	100
58	Porous Palladium Nanomeshes with Enhanced Electrochemical CO ₂ to Syngas Conversion over a Wider Applied Potential. ChemSusChem, 2019, 12, 3304-3311.	6.8	12
59	Co Nanolands Rooted on Co-N-C Nanosheets as Efficient Oxygen Electrocatalyst for Zn-Air Batteries. Advanced Materials, 2019, 31, e1901666.	21.0	455
60	Anion-Modulated HER and OER Activities of 3D Ni-V-Based Interstitial Compound Heterojunctions for High-Efficiency and Stable Overall Water Splitting. Advanced Materials, 2019, 31, e1901174.	21.0	479
61	Carbon nanotubes <i>in situ</i> embedded with NiS nanocrystals outperform Pt in dye-sensitized solar cells: interface improved activity. Journal of Materials Chemistry A, 2019, 7, 10405-10411.	10.3	40
62	Porous NiCoP nanowalls as promising electrode with high-area and mass capacitance for supercapacitors. Science China Materials, 2019, 62, 1115-1126.	6.3	42
63	CoO-Mo ₂ N hollow heterostructure for high-efficiency electrocatalytic hydrogen evolution reaction. NPG Asia Materials, 2019, 11, .	7.9	65
64	CoSe ₂ /N-Doped Carbon Hybrid Derived from ZIF-67 as High-Efficiency Counter Electrode for Dye-Sensitized Solar Cells. ACS Sustainable Chemistry and Engineering, 2019, 7, 2784-2791.	6.7	64
65	N-doped carbon-coated Co ₃ O ₄ nanosheet array/carbon cloth for stable rechargeable Zn-air batteries. Science China Materials, 2019, 62, 624-632.	6.3	34
66	Molecule Self-Assembly Synthesis of Porous Few-Layer Carbon Nitride for Highly Efficient Photoredox Catalysis. Journal of the American Chemical Society, 2019, 141, 2508-2515.	13.7	685
67	Trace Pt Clusters Dispersed on SAPO-11 Promoting the Synergy of Metal Sites with Acid Sites for High-Effective Hydroisomerization of n-Alkanes. Small Methods, 2019, 3, 1800510.	8.6	34
68	Core-Shell NiO@Ni-P Hybrid Nanosheet Array for Synergistically Enhanced Oxygen Evolution Electrocatalysis: Experimental and Theoretical Insights. Chemistry - an Asian Journal, 2018, 13, 944-949.	3.3	9
69	Ni ₂ P Entwined by Graphite Layers as a Low-Pt Electrocatalyst in Acidic Media for Oxygen Reduction. ACS Applied Materials & Interfaces, 2018, 10, 9999-10010.	8.0	34
70	3D Network nanostructured NiCoP nanosheets supported on N-doped carbon coated Ni foam as a highly active bifunctional electrocatalyst for hydrogen and oxygen evolution reactions. Frontiers of Chemical Science and Engineering, 2018, 12, 417-424.	4.4	28
71	Trapping [PMo ₁₂ O ₄₀] ³⁻ clusters into pre-synthesized ZIF-67 toward Mo _x Co _x C particles confined in uniform carbon polyhedrons for efficient overall water splitting. Chemical Science, 2018, 9, 4746-4755.	7.4	189
72	Defect-mediated electron-hole separation in semiconductor photocatalysis. Inorganic Chemistry Frontiers, 2018, 5, 1240-1254.	6.0	166

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73	Engineering oxygen vacancy on rutile TiO ₂ for efficient electron-hole separation and high solar-driven photocatalytic hydrogen evolution. <i>Science China Materials</i> , 2018, 61, 822-830.	6.3	65
74	Improved visible-light activities of nanocrystalline CdS by coupling with ultrafine NbN with lattice matching for hydrogen evolution. <i>Sustainable Energy and Fuels</i> , 2018, 2, 549-552.	4.9	35
75	Co@VN encapsulated in bamboo-like N-doped carbon nanotubes for ultrahigh-stability of oxygen reduction reaction. <i>Nanoscale</i> , 2018, 10, 4311-4319.	5.6	72
76	Cobalt-vanadium bimetal-based nanoplates for efficient overall water splitting. <i>Science China Materials</i> , 2018, 61, 80-90.	6.3	52
77	Ni ₃ S ₂ Nanosheets in Situ Epitaxially Grown on Nanorods as High Active and Stable Homo Junction Electrocatalyst for Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2474-2481.	6.7	72
78	Graphene Quantum Dots Modified Hexagonal Tubular Carbon Nitride for Visible-Light Photocatalytic Hydrogen Evolution. <i>ChemCatChem</i> , 2018, 10, 1330-1335.	3.7	95
79	Hierarchical whisker-on-sheet NiCoP with adjustable surface structure for efficient hydrogen evolution reaction. <i>Nanoscale</i> , 2018, 10, 7619-7629.	5.6	72
80	Synergism of molybdenum nitride and palladium for high-efficiency formic acid electrooxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7623-7630.	10.3	54
81	Strongly coupled Ag/TiO ₂ heterojunctions for effective and stable photothermal catalytic reduction of 4-nitrophenol. <i>Nano Research</i> , 2018, 11, 126-141.	10.4	87
82	Magnetic Fe ₂ O ₃ /mesoporous black TiO ₂ hollow sphere heterojunctions with wide-spectrum response and magnetic separation. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 235-242.	20.2	92
83	Exceptional visible-light photoelectrocatalytic activity of In ₂ O ₃ /In ₂ S ₃ /CdS ternary stereoscopic porous heterostructure film for the degradation of persistent 4-fluoro-3-methylphenol. <i>Applied Catalysis B: Environmental</i> , 2018, 225, 477-486.	20.2	66
84	Integrating the active OER and HER components as the heterostructures for the efficient overall water splitting. <i>Nano Energy</i> , 2018, 44, 353-363.	16.0	516
85	Holey Reduced Graphene Oxide Coupled with an Mo ₂ N@Mo ₂ C Heterojunction for Efficient Hydrogen Evolution. <i>Advanced Materials</i> , 2018, 30, 1704156.	21.0	459
86	Ultra-small Mo ₂ N on SBA-15 as a highly efficient promoter of low-loading Pd for catalytic hydrogenation. <i>Nanoscale</i> , 2018, 10, 22348-22356.	5.6	28
87	A Stable Bifunctional Catalyst for Rechargeable Zinc-Air Batteries: Iron-Cobalt Nanoparticles Embedded in a Nitrogen-Doped 3D Carbon Matrix. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16166-16170.	13.8	365
88	A MOFs plus MOFs strategy toward Co-Mo ₂ N tubes for efficient electrocatalytic overall water splitting. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20100-20109.	10.3	131
89	A Stable Bifunctional Catalyst for Rechargeable Zinc-Air Batteries: Iron-Cobalt Nanoparticles Embedded in a Nitrogen-Doped 3D Carbon Matrix. <i>Angewandte Chemie</i> , 2018, 130, 16398-16402.	2.0	64
90	Synthesis of Particulate Hierarchical Tandem Heterojunctions toward Optimized Photocatalytic Hydrogen Production. <i>Advanced Materials</i> , 2018, 30, e1804282.	21.0	411

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91	Morphology Effect of NiSe Hierarchical Microspheres on the Performance of Dye-Sensitized Solar Cells. ACS Applied Nano Materials, 2018, 1, 4900-4909.	5.0	18
92	NiSe@Ni _{0.85} Se Heterostructure Nanoflake Arrays on Carbon Paper as Efficient Electrocatalysts for Overall Water Splitting. Small, 2018, 14, e1800763.	10.0	185
93	Engineering a stereo-film of FeNi ₃ nanosheet-covered FeOOH arrays for efficient oxygen evolution. Nanoscale, 2018, 10, 10971-10978.	5.6	40
94	Porous NiCoP nanosheets as efficient and stable positive electrodes for advanced asymmetric supercapacitors. Journal of Materials Chemistry A, 2018, 6, 17905-17914.	10.3	189
95	Assembly of TiO ₂ ultrathin nanosheets with surface lattice distortion for solar-light-driven photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 239, 317-323.	20.2	77
96	Highly Efficient, Stable Electrocatalytic Hydrogen Evolution in Acid Media by Amorphous Fe _x P Coating Fe ₂ N Supported on Reduced Graphene Oxide. Small, 2018, 14, e1801717.	10.0	72
97	2-D porous Ni ₃ N@Co ₃ N hybrids derived from ZIF-67/Ni(OH) ₂ sheets as a magnetically separable catalyst for hydrogenation reactions. Chemical Communications, 2018, 54, 11088-11091.	4.1	33
98	Self-floating amphiphilic black TiO ₂ foams with 3D macro-mesoporous architectures as efficient solar-driven photocatalysts. Applied Catalysis B: Environmental, 2017, 206, 336-343.	20.2	102
99	Hierarchical porous NiCo ₂ O ₄ nanosheet arrays directly grown on carbon cloth with superior lithium storage performance. Dalton Transactions, 2017, 46, 4717-4723.	3.3	32
100	Efficient photodecomposition of 2,4-dichlorophenol on recyclable phase-mixed hierarchically structured Bi ₂ O ₃ coupled with phosphate-bridged nano-SnO ₂ . Environmental Science: Nano, 2017, 4, 1147-1154.	4.3	37
101	Super-stable non-woven fabric-based membrane as a high-efficiency oil/water separator in full pH range. RSC Advances, 2017, 7, 19764-19770.	3.6	25
102	Gelatin-assisted synthesis of ZnS hollow nanospheres: the microstructure tuning, formation mechanism and application for Pt-free photocatalytic hydrogen production. CrystEngComm, 2017, 19, 461-468.	2.6	17
103	Cubic quantum dot/hexagonal microsphere ZnIn ₂ S ₄ heterophase junctions for exceptional visible-light-driven photocatalytic H ₂ evolution. Journal of Materials Chemistry A, 2017, 5, 8451-8460.	10.3	176
104	Enhanced photogenerated carrier separation in CdS quantum dot sensitized ZnFe ₂ O ₄ /ZnIn ₂ S ₄ nanosheet stereoscopic films for exceptional visible light photocatalytic H ₂ evolution performance. Nanoscale, 2017, 9, 5912-5921.	5.6	76
105	Co-vacancy-rich Co _{1-x} S nanosheets anchored on rGO for high-efficiency oxygen evolution. Nano Research, 2017, 10, 1819-1831.	10.4	78
106	CoSe _x nanocrystalline-dotted CoCo layered double hydroxide nanosheets: a synergetic engineering process for enhanced electrocatalytic water oxidation. Nanoscale, 2017, 9, 16256-16263.	5.6	38
107	Inorganic acid-derived hydrogen-bonded organic frameworks to form nitrogen-rich carbon nitrides for photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2017, 5, 21979-21985.	10.3	69
108	Selenization of Cu ₂ ZnSnS ₄ Enhanced the Performance of Dye-Sensitized Solar Cells: Improved Zinc-Site Catalytic Activity for I ₃ ⁻ . ACS Applied Materials & Interfaces, 2017, 9, 37662-37670.	8.0	33

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109	Urchin-like V_2O_3/C Hollow Nanosphere Hybrid for High-Capacity and Long-Cycle-Life Lithium Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11238-11245.	6.7	39
110	Self-supported Ni_6MnO_8 3D mesoporous nanosheet arrays with ultrahigh lithium storage properties and conversion mechanism by in-situ XAFS. <i>Nano Research</i> , 2017, 10, 263-275.	10.4	23
111	Sequential two-step hydrothermal growth of MoS_2/CdS core-shell heterojunctions for efficient visible light-driven photocatalytic H_2 evolution. <i>Applied Catalysis B: Environmental</i> , 2017, 203, 955-963.	20.2	159
112	$Ni-Co$ Bimetallic Sulfide Coated with Reduced Graphene Oxide and Carbon for High-Capacitance Supercapacitor. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4091-4098.	0.9	5
113	Synergistic Effect of Tungsten Nitride and Palladium for the Selective Hydrogenation of Cinnamaldehyde at the C=C bond. <i>ChemCatChem</i> , 2016, 8, 1718-1726.	3.7	26
114	Hexagonal FeS nanosheets with high-energy (001) facets: Counter electrode materials superior to platinum for dye-sensitized solar cells. <i>Nano Research</i> , 2016, 9, 2862-2874.	10.4	38
115	Phosphorus-Doped Carbon Nitride Tubes with a Layered Microstructure for Enhanced Visible-Light Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1830-1834.	13.8	869
116	Phosphorus-Doped Carbon Nitride Tubes with a Layered Microstructure for Enhanced Visible-Light Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie</i> , 2016, 128, 1862-1866.	2.0	173
117	Hydrogenated $TiO_2/SrTiO_3$ porous microspheres with tunable band structure for solar-light photocatalytic H_2 and O_2 evolution. <i>Science China Materials</i> , 2016, 59, 1003-1016.	6.3	32
118	Enhanced photoelectric conversion efficiency of dye-sensitized solar cells by the incorporation of flower-like $Bi_2S_3:Eu^{3+}$ sub-microspheres. <i>Scientific Reports</i> , 2016, 6, 23395.	3.3	13
119	In situ formation of a $ZnO/ZnSe$ nanonail array as a photoelectrode for enhanced photoelectrochemical water oxidation performance. <i>Nanoscale</i> , 2016, 8, 9366-9375.	5.6	52
120	Dual-valence nickel nanosheets covered with thin carbon as bifunctional electrocatalysts for full water splitting. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7297-7304.	10.3	73
121	Co_3O_4 nanosheets as a high-performance catalyst for oxygen evolution proceeding via a double two-electron process. <i>Chemical Communications</i> , 2016, 52, 6705-6708.	4.1	64
122	Bifunctional $Ag/Fe/N/C$ Catalysts for Enhancing Oxygen Reduction via Cathodic Biofilm Inhibition in Microbial Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 6992-7002.	8.0	78
123	Facile strategy for controllable synthesis of stable mesoporous black TiO_2 hollow spheres with efficient solar-driven photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7495-7502.	10.3	198
124	Hierarchical $MoS_2@MoP$ core-shell heterojunction electrocatalysts for efficient hydrogen evolution reaction over a broad pH range. <i>Nanoscale</i> , 2016, 8, 11052-11059.	5.6	160
125	Constructing B and N separately co-doped carbon nanocapsules-wrapped Fe/Fe_3C for oxygen reduction reaction with high current density. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 26572-26578.	2.8	12
126	Exceptional Visible-Light-Driven Cocatalyst-Free Photocatalytic Activity of $g-C_3N_4$ by Well Designed Nanocomposites with Plasmonic Au and SnO_2 . <i>Advanced Energy Materials</i> , 2016, 6, 1601190.	19.5	207

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127	In situ synthesis, enhanced luminescence and application in dye sensitized solar cells of Y2O3/Y2O2S:Eu3+ nanocomposites by reduction of Y2O3:Eu3+. Scientific Reports, 2016, 6, 37133.	3.3	38
128	3D Interlayer Nanohybrids Composed of Sulfamic Acid-Doped PEdot Grown on Expanded Graphite for High-Performance Supercapacitors. ChemPlusChem, 2016, 81, 242-250.	2.8	10
129	Vertical \pm -FeOOH nanowires grown on the carbon fiber paper as a free-standing electrode for sensitive H2O2 detection. Nano Research, 2016, 9, 2260-2269.	10.4	41
130	Cluster-like molybdenum phosphide anchored on reduced graphene oxide for efficient hydrogen evolution over a broad pH range. Chemical Communications, 2016, 52, 9530-9533.	4.1	102
131	A highly active oxygen evolution electrocatalyst: Ultrathin CoNi double hydroxide/CoO nanosheets synthesized via interface-directed assembly. Nano Research, 2016, 9, 713-725.	10.4	171
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