

Transition Metal Disulfides as Nobleâ€Metalâ€Alternat Production

Advanced Energy Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nanostructured p-Type Semiconductor Electrodes and Photoelectrochemistry of Their Reduction Processes. <i>Energies</i> , 2016, 9, 373.	1.6	46
2	Activating Catalytic Inert Basal Plane of Molybdenum Disulfide to Optimize Hydrogen Evolution Activity via Defect Doping and Strain Engineering. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16761-16766.	1.5	138
3	Targeted Synthesis of 2H ₂ and 1T ₂ Phase MoS ₂ Monolayers for Catalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2016, 28, 10033-10041.	11.1	534
4	Fabrication of zero to three dimensional nanostructured molybdenum sulfides and their electrochemical and photocatalytic applications. <i>Nanoscale</i> , 2016, 8, 18250-18269.	2.8	79
5	Exceptional Visible-Light-Driven Cocatalyst-Free Photocatalytic Activity of g-C ₃ N ₄ by Well Designed Nanocomposites with Plasmonic Au and SnO ₂ . <i>Advanced Energy Materials</i> , 2016, 6, 1601190.	10.2	207
6	Porous hollow manganites with robust composite shells for oxidation of CO at low temperature. <i>RSC Advances</i> , 2016, 6, 113682-113688.	1.7	4
7	General applicability of nanocrystalline Ni ₂ P as a noble-metal-free cocatalyst to boost photocatalytic hydrogen generation. <i>Catalysis Science and Technology</i> , 2016, 6, 8212-8221.	2.1	113
8	Simultaneous H ₂ Generation and Biomass Upgrading in Water by an Efficient Noble-Metal-Free Bifunctional Electrocatalyst. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9913-9917.	7.2	435
9	Simultaneous H ₂ Generation and Biomass Upgrading in Water by an Efficient Noble-Metal-Free Bifunctional Electrocatalyst. <i>Angewandte Chemie</i> , 2016, 128, 10067-10071.	1.6	94
10	A silver on 2D white-C ₃ N ₄ support photocatalyst for mechanistic insights: synergetic utilization of plasmonic effect for solar hydrogen evolution. <i>RSC Advances</i> , 2016, 6, 112420-112428.	1.7	30
11	Au Multimer@MoS ₂ hybrid structures for efficient photocatalytic hydrogen production via strongly plasmonic coupling effect. <i>Nano Energy</i> , 2016, 30, 549-558.	8.2	98
12	Engineering the Edges of MoS ₂ (WS ₂) Crystals for Direct Exfoliation into Monolayers in Polar Micromolecular Solvents. <i>Journal of the American Chemical Society</i> , 2016, 138, 14962-14969.	6.6	189
13	Electron-transfer dependent photocatalytic hydrogen generation over cross-linked CdSe/TiO ₂ type-II heterostructure. <i>Nanotechnology</i> , 2017, 28, 084002.	1.3	33
14	Heterostructured WS ₂ @MoS ₂ Ultrathin Nanosheets Integrated on CdS Nanorods to Promote Charge Separation and Migration and Improve Solar-Driven Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2017, 10, 1563-1570.	3.6	150
15	Multi-node CdS hetero-nanowires grown with defect-rich oxygen-doped MoS ₂ ultrathin nanosheets for efficient visible-light photocatalytic H ₂ evolution. <i>Nano Research</i> , 2017, 10, 1377-1392.	5.8	104
16	Positive Ni(HCO ₃) ₂ as a Novel Cocatalyst for Boosting the Photocatalytic Hydrogen Evolution Capability of Mesoporous TiO ₂ Nanocrystals. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5027-5038.	3.2	98
17	Utilization of MoS ₂ and graphene to enhance the photocatalytic activity of Cu ₂ O for oxidative C-C bond formation. <i>Applied Catalysis B: Environmental</i> , 2017, 213, 1-8.	10.8	52
18	Bismuth sulphide-modified molybdenum disulphide as an efficient photocatalyst for hydrogen production under simulated solar light. <i>Catalysis Communications</i> , 2017, 98, 66-70.	1.6	25

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19	Integrating metallic nanoparticles of Au and Pt with MoS ₂ –CdS hybrids for high-efficient photocatalytic hydrogen generation via plasmon-induced electron and energy transfer. RSC Advances, 2017, 7, 26097-26103.	1.7	27
20	Highly efficient visible light-driven hydrogen production of precious metal-free hybrid photocatalyst: CdS@NiMoS core–shell nanorods. Catalysis Science and Technology, 2017, 7, 2798-2804.	2.1	47
21	Continuous and large-area transition metal disulfides films deposited by pulsed laser/chemical vapor-combined process as a counter electrode for dye-sensitized solar cells. Materials Letters, 2017, 201, 216-220.	1.3	3
22	Preparation of Bifunctional CuWO ₄ -Based Heterostructure Nanocomposites for Noble-Metal-Free Photocatalysts. ChemistrySelect, 2017, 2, 4484-4498.	0.7	13
23	Construction of unique two-dimensional MoS ₂ –TiO ₂ hybrid nanojunctions: MoS ₂ as a promising cost-effective cocatalyst toward improved photocatalytic reduction of CO ₂ to methanol. Nanoscale, 2017, 9, 9065-9070.	2.8	134
24	Manifestation of Concealed Defects in MoS ₂ Nanospheres for Efficient and Durable Electrocatalytic Hydrogen Evolution Reaction. ChemistrySelect, 2017, 2, 4667-4672.	0.7	2
25	One-pot Synthesis of CdS Irregular Nanospheres Hybridized with Oxygen-Incorporated Defect-Rich MoS ₂ Ultrathin Nanosheets for Efficient Photocatalytic Hydrogen Evolution. ACS Applied Materials & Interfaces, 2017, 9, 23635-23646.	4.0	178
26	Engineering the crystallinity of MoS ₂ monolayers for highly efficient solar hydrogen production. Journal of Materials Chemistry A, 2017, 5, 8591-8598.	5.2	69
27	Fabrication of H–TiO ₂ /CdS/Cu ₂ –x</i>/S Ternary Heterostructures for Enhanced Photocatalytic Hydrogen Production. ChemistrySelect, 2017, 2, 2681-2686.	0.7	9
28	Hydrazine-assisted formation of ultrathin MoS ₂ nanosheets for enhancing their co-catalytic activity in photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2017, 5, 6981-6991.	5.2	120
29	Modulation of charge carrier pathways in CdS nanospheres by integrating MoS ₂ and Ni ₂ P for improved migration and separation toward enhanced photocatalytic hydrogen evolution. Catalysis Science and Technology, 2017, 7, 641-649.	2.1	76
30	One dimensional CdS based materials for artificial photoredox reactions. Journal of Materials Chemistry A, 2017, 5, 2387-2410.	5.2	190
31	A 2D self-assembled MoS ₂ /ZnIn ₂ S ₄ heterostructure for efficient photocatalytic hydrogen evolution. Nanoscale, 2017, 9, 18290-18298.	2.8	121
32	Over two-orders of magnitude enhancement of the photocatalytic hydrogen evolution activity of carbon nitride via mediator-free decoration with gold-organic microspheres. Chemical Communications, 2017, 53, 11814-11817.	2.2	35
33	Recent Progress in Semiconductor-Based Nanocomposite Photocatalysts for Solar-to-Chemical Energy Conversion. Advanced Energy Materials, 2017, 7, 1700529.	10.2	189
34	Defect-Induced Epitaxial Growth for Efficient Solar Hydrogen Production. Nano Letters, 2017, 17, 6676-6683.	4.5	96
35	Superior Photocatalytic H ₂ Production with Cocatalytic Co/Ni Species Anchored on Sulfide Semiconductor. Advanced Materials, 2017, 29, 1703258.	11.1	188
36	Amorphous WS _x as an efficient cocatalyst grown on CdS nanoparticles via photochemical deposition for enhanced visible-light-driven hydrogen evolution. Molecular Catalysis, 2017, 440, 190-198.	1.0	26

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37	Spatial separation of the hydrogen evolution center from semiconductors using a freestanding silica-sphere-supported Pt composite. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 24249-24254.	1.3	5
38	C Fibers@WSe ₂ Nanoplates Core-Shell Composite: Highly Efficient Solar-Driven Photocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28704-28715.	4.0	20
39	Tailoring catalytic activities of transition metal disulfides for water splitting. <i>FlatChem</i> , 2017, 4, 68-80.	2.8	24
40	Surface engineering of graphitic carbon nitride polymers with cocatalysts for photocatalytic overall water splitting. <i>Chemical Science</i> , 2017, 8, 5261-5274.	3.7	299
41	Design and architecture of metal organic frameworks for visible light enhanced hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2017, 218, 555-569.	10.8	173
42	The Application of Metal Sulfides in Sodium Ion Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1601329.	10.2	496
43	BiVO ₄ nanowires decorated with CdS nanoparticles as Z-scheme photocatalyst with enhanced H ₂ generation. <i>Applied Catalysis B: Environmental</i> , 2017, 201, 77-83.	10.8	269
44	2D Transition Metal Dichalcogenides and Graphene-Based Ternary Composites for Photocatalytic Hydrogen Evolution and Pollutants Degradation. <i>Nanomaterials</i> , 2017, 7, 62.	1.9	33
46	Self-assembled MoS ₂ -GO Framework as an Efficient Cocatalyst of CuInZnS for Visible-Light Driven Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4671-4679.	3.2	44
47	Synergetic Exfoliation and Lateral Size Engineering of MoS ₂ for Enhanced Photocatalytic Hydrogen Generation. <i>Small</i> , 2018, 14, e1704153.	5.2	84
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49	Oxygen-incorporation in Co ₂ P as a non-noble metal cocatalyst to enhance photocatalysis for reducing water to H ₂ under visible light. <i>Chemical Engineering Journal</i> , 2018, 346, 281-288.	6.6	66
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52	Zirconium-Porphyrin-Based Metal-Organic Framework Hollow Nanotubes for Immobilization of Noble-Metal Single Atoms. <i>Angewandte Chemie</i> , 2018, 130, 3551-3556.	1.6	102
53	Zirconium-Porphyrin-Based Metal-Organic Framework Hollow Nanotubes for Immobilization of Noble-Metal Single Atoms. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3493-3498.	7.2	341
54	Engineered MoSe ₂ -Based Heterostructures for Efficient Electrochemical Hydrogen Evolution Reaction. <i>Advanced Energy Materials</i> , 2018, 8, 1703212.	10.2	152
55	Hollow CoS ₃ Polyhedrons Act as High-Efficiency Cocatalyst for Enhancing the Photocatalytic Hydrogen Generation of g-C ₃ N ₄ . <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2767-2779.	3.2	343

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56	Toward a rational photocatalyst design: a new formation strategy of co-catalyst/semiconductor heterostructures <i>via in situ</i> exsolution. <i>Chemical Communications</i> , 2018, 54, 1505-1508.	2.2	39
57	High Yield Exfoliation of WS ₂ Crystals into 1â€²2 Layer Semiconducting Nanosheets and Efficient Photocatalytic Hydrogen Evolution from WS ₂ /CdS Nanorod Composites. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2810-2818.	4.0	112
58	Electrocatalytic and photocatalytic hydrogen evolution integrated with organic oxidation. <i>Chemical Communications</i> , 2018, 54, 5943-5955.	2.2	142
59	Direct Growth of MoS ₂ and WS ₂ Layers by Metal Organic Chemical Vapor Deposition. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800140.	1.9	52
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61	Ultra-small freestanding amorphous molybdenum sulfide colloidal nanodots for highly efficient photocatalytic hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2018, 232, 446-453.	10.8	63
62	Solvothermal synthesis of metallic 1T-WS ₂ : A supporting co-catalyst on carbon nitride nanosheets toward photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2018, 335, 282-289.	6.6	161
63	Noble metal-free near-infrared-driven photocatalyst for hydrogen production based on 2D hybrid of black Phosphorus/WS ₂ . <i>Applied Catalysis B: Environmental</i> , 2018, 221, 645-651.	10.8	171
64	Nanohybrids of Twoâ€²Dimensional Transitionâ€²Metal Dichalcogenides and Titanium Dioxide for Photocatalytic Applications. <i>Chemistry - A European Journal</i> , 2018, 24, 18-31.	1.7	53
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69	Effective use of photogenerated electrons and holes in a system: Photocatalytic selective oxidation of aromatic alcohols to aldehydes and hydrogen production. <i>Journal of Catalysis</i> , 2018, 367, 159-170.	3.1	102
70	Enriching Hot Electrons via NIRâ€²Photonâ€²Excited Plasmon in WS ₂ @Cu Hybrids for Fullâ€²Spectrum Solar Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2018, 28, 1804055.	7.8	89
71	Mosaicâ€²Structured Cobalt Nickel Thiophosphate Nanosheets Incorporated Nâ€²doped Carbon for Efficient and Stable Electrocatalytic Water Splitting. <i>Advanced Functional Materials</i> , 2018, 28, 1805075.	7.8	57
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73	Self-assembly optimization of cadmium/molybdenum sulfide hybrids by cation coordination competition toward extraordinarily efficient photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18396-18402.	5.2	22

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74	Surface-functionalized MoS ₂ ultrathin nanosheets for electrochemical monitoring terminal deoxynucleotidyl transferase activity based on in-situ polymerized DNA. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 297-305.	4.0	10
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76	Transition-metal-doped NiSe ₂ nanosheets towards efficient hydrogen evolution reactions. <i>Nano Research</i> , 2018, 11, 6051-6061.	5.8	72
77	Non-noble-metal bismuth nanoparticle-decorated bismuth vanadate nanoarray photoanode for efficient water splitting. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1799-1804.	3.2	13
78	Nickel foam derived nitrogen doped nickel sulfide nanowires as an efficient electrocatalyst for the hydrogen evolution reaction. <i>Dalton Transactions</i> , 2018, 47, 9871-9876.	1.6	20
79	Facile one-pot synthesis of wood based bismuth molybdate nano-eggshells with efficient visible-light photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 556, 284-290.	2.3	25
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81	Earth-Abundant MoS ₂ and Cobalt Phosphate Dual Cocatalysts on 1D CdS Nanowires for Boosting Photocatalytic Hydrogen Production. <i>Langmuir</i> , 2019, 35, 11056-11065.	1.6	77
82	A ternary ZnO/ZnS/MoS ₂ composite as a reusable SERS substrate derived from the polyoxomolybdate/ZIF-8 host-guest framework. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9856-9864.	2.7	19
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84	Graphene oxide induced dual cocatalysts formation on manganese sulfide with enhanced photocatalytic hydrogen production from hydrogen sulfide. <i>Applied Surface Science</i> , 2019, 494, 700-707.	3.1	21
85	Novel ZnCdS Quantum Dots Engineering for Enhanced Visible-Light-Driven Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13805-13814.	3.2	66
86	Amorphous Bimetallic Cobalt Nickel Sulfide Cocatalysts for Significantly Boosting Photocatalytic Hydrogen Evolution Performance of Graphitic Carbon Nitride: Efficient Interfacial Charge Transfer. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26898-26908.	4.0	110
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88	Recent Advances in Cu ₂ O-Based Cocatalysts toward Solar Hydrogen Evolution: Categories and Roles. <i>Solar Rrl</i> , 2019, 3, 1900256.	3.1	41
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90	Design of Phosphorene for Hydrogen Evolution Performance Comparable to Platinum. <i>Chemistry of Materials</i> , 2019, 31, 8948-8956.	3.2	66
91	One-pot synthesis of MoS ₂ /CdS nanosphere heterostructures for efficient H ₂ evolution under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 31930-31939.	3.8	31

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92	Facile Synthesis of FeS@C Particles Toward High-Performance Anodes for Lithium-Ion Batteries. <i>Nanomaterials</i> , 2019, 9, 1467.	1.9	5
93	Junction of porous g-C ₃ N ₄ with BiVO ₄ using Au as electron shuttle for cocatalyst-free robust photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , 2019, 498, 143808.	3.1	34
94	Vertical 1T/2H-WS ₂ nanoflakes grown on 2D-C ₃ N ₄ : Multiple charge transfer channels designed for enhanced photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 224-231.	5.0	29
95	Solvent-free nanocasting toward universal synthesis of ordered mesoporous transition metal sulfide@N-doped carbon composites for electrochemical applications. <i>Nano Research</i> , 2019, 12, 2250-2258.	5.8	25
96	Decorating MoS ₂ and CoSe ₂ nanostructures on 1D-CdS nanorods for boosting photocatalytic hydrogen evolution rate. <i>Journal of Molecular Liquids</i> , 2019, 289, 111164.	2.3	12
97	Noble-metal-free CdS@MoS ₂ core-shell nanoheterostructures for efficient and stabilized visible-light-driven H ₂ generation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16657-16666.	3.8	27
98	Fabrication of 1D long chain-like metal porphyrin-based coordination complexes for high-efficiency hydrogen evolution and photoelectric response. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 18072-18082.	3.8	7
99	A Critical Review on Enhancement of Photocatalytic Hydrogen Production by Molybdenum Disulfide: From Growth to Interfacial Activities. <i>Small</i> , 2019, 15, e1900578.	5.2	69
100	Dual function of graphene oxide for assisted exfoliation of black phosphorus and electron shuttle in promoting visible and near-infrared photocatalytic H ₂ evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117864.	10.8	41
101	In situ observation of NiS nanoparticles depositing on single TiO ₂ mesocrystal for enhanced photocatalytic hydrogen evolution activity. <i>Applied Catalysis B: Environmental</i> , 2019, 254, 594-600.	10.8	50
102	Awakening Solar Hydrogen Evolution of MoS ₂ in Alkalescent Electrolyte through Doping with Co. <i>ChemSusChem</i> , 2019, 12, 3336-3342.	3.6	27
103	Metallic molybdenum sulfide nanodots as platinum-alternative co-catalysts for photocatalytic hydrogen evolution. <i>Journal of Catalysis</i> , 2019, 374, 237-245.	3.1	37
104	1T MoS ₂ nanosheets with extraordinary sodium storage properties via thermal-driven ion intercalation assisted exfoliation of bulky MoS ₂ . <i>Nano Energy</i> , 2019, 61, 361-369.	8.2	157
105	Photocatalytic Hydrogen Production: Role of Sacrificial Reagents on the Activity of Oxide, Carbon, and Sulfide Catalysts. <i>Catalysts</i> , 2019, 9, 276.	1.6	214
106	Few-layered 1T-MoS ₂ -modified ZnCoS solid-solution hollow dodecahedra for enhanced photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8472-8484.	5.2	56
107	MoS _x /CdS nano-heterostructures accurately constructed on the defects of CdS for efficient photocatalytic H ₂ evolution under visible light irradiation. <i>Chemical Engineering Journal</i> , 2019, 370, 305-313.	6.6	115
108	Construction of Zn _x Cd _{1-x} /Bi ₂ S ₃ composite nanospheres with photothermal effect for enhanced photocatalytic activities. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 303-311.	5.0	56
109	Dimethylformamide assisted hydrothermal introduction of MoS ₂ on ultrathin g-C ₃ N ₄ layers with enhanced visible light photocatalytic hydrogen evolution activity. <i>Sustainable Energy and Fuels</i> , 2019, 3, 1461-1467.	2.5	21

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111	Non-noble metal Co as active sites on TiO ₂ nanorod for promoting photocatalytic H ₂ production. Materials Research Bulletin, 2019, 116, 16-21.	2.7	27
112	Hierarchical microsphere of MoNi porous nanosheets as electrocatalyst and cocatalyst for hydrogen evolution reaction. Applied Catalysis B: Environmental, 2019, 249, 98-105.	10.8	98
113	Cocatalysts for Selective Photoreduction of CO ₂ into Solar Fuels. Chemical Reviews, 2019, 119, 3962-4179.	23.0	1,591
114	CdS nanospheres hybridized with graphitic C ₃ N ₄ for effective photocatalytic hydrogen generation under visible light irradiation. Applied Organometallic Chemistry, 2019, 33, e4671.	1.7	13
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117	Toward a fundamental understanding of factors affecting the function of cocatalysts in photocatalytic water splitting. Current Opinion in Green and Sustainable Chemistry, 2019, 17, 21-28.	3.2	15
118	Phase and interlayer effect of transition metal dichalcogenide cocatalyst toward photocatalytic hydrogen evolution: The case of MoSe ₂ . Applied Catalysis B: Environmental, 2019, 243, 330-336.	10.8	105
119	Recent advances in earth-abundant photocatalyst materials for solar H ₂ production. Advanced Powder Technology, 2020, 31, 11-28.	2.0	64
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121	Particulate Photocatalysts for Light-Driven Water Splitting: Mechanisms, Challenges, and Design Strategies. Chemical Reviews, 2020, 120, 919-985.	23.0	1,605
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123	In Situ Growth of BiOI/MoS ₂ Heterostructure as Pt Supports for Visible Light-Assisted Electrocatalytic Methanol Oxidation Reaction. Energy Technology, 2020, 8, 1900731.	1.8	7
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125	Revealing the size effect of metallic CoS ₂ on CdS nanorods for photocatalytic hydrogen evolution based on Schottky junction. Applied Catalysis A: General, 2020, 592, 117377.	2.2	26
126	Band-gap engineering of layered covalent organic frameworks via controllable exfoliation for enhanced visible-light-driven hydrogen evolution. International Journal of Hydrogen Energy, 2020, 45, 2689-2698.	3.8	32
127	MoS _x -CdS/Cu ₂ ZnSnS ₄ -based thin film photocathode for solar hydrogen evolution from water. Applied Catalysis B: Environmental, 2020, 268, 118438.	10.8	41

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128	Nitriding Nickel-Based Cocatalyst: A Strategy To Maneuver Hydrogen Evolution Capacity for Enhanced Photocatalysis. ACS Sustainable Chemistry and Engineering, 2020, 8, 884-892.	3.2	30
129	Value-Added Formate Production from Selective Methanol Oxidation as Anodic Reaction to Enhance Electrochemical Hydrogen Cogeneration. ChemSusChem, 2020, 13, 914-921.	3.6	87
130	Two-dimensional materials as novel co-catalysts for efficient solar-driven hydrogen production. Journal of Materials Chemistry A, 2020, 8, 23202-23230.	5.2	81
131	Conductive Ni supported NiCoO ₂ @NiCoP nanosheets as highly active electrocatalyst toward hydrogen evolution reaction in alkaline media. Journal of Alloys and Compounds, 2020, 848, 156603.	2.8	6
132	<i>In situ</i> photo-derived MnOOH collaborating with Mn ₂ Co ₂ C@C dual co-catalysts boost photocatalytic overall water splitting. Journal of Materials Chemistry A, 2020, 8, 17120-17127.	5.2	24
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