

Efficient hydrogen evolution catalysis using ternary py

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Citation Report

#	ARTICLE	IF	CITATIONS
14	Metallic CoS ₂ nanowire electrodes for high cycling performance supercapacitors. Nanotechnology, 2015, 26, 494001.	1.3	52
15	Recent advances in transition-metal dichalcogenide based nanomaterials for water splitting. Nanoscale, 2015, 7, 19764-19788.	2.8	327
16	Phase Transformation Engineering in Cobalt Diselenide Realizing Enhanced Catalytic Activity for Hydrogen Evolution in an Alkaline Medium. Advanced Materials, 2016, 28, 7527-7532.	11.1	307
17	Silver nanoparticles-sensitized cobalt complex for highly-efficient photocatalytic activity. Applied Catalysis B: Environmental, 2016, 199, 342-349.	10.8	19
18	Engineering Cobalt Phosphide (CoP) Thin Film Catalysts for Enhanced Hydrogen Evolution Activity on Silicon Photocathodes. Advanced Energy Materials, 2016, 6, 1501758.	10.2	134
19	Hierarchical NiCo ₂ O ₄ Hollow Microcuboids as Bifunctional Electrocatalysts for Overall Water Splitting. Angewandte Chemie - International Edition, 2016, 55, 6290-6294.	7.2	722
20	Two-Dimensional, Few-Layer Phosphochalcogenide, FePS ₃ : A New Catalyst for Electrochemical Hydrogen Evolution over Wide pH Range. ACS Energy Letters, 2016, 1, 367-372.	8.8	178
21	Amorphous transitional metal borides as substitutes for Pt cocatalysts for photocatalytic water splitting. Nano Energy, 2016, 27, 103-113.	8.2	142
22	Chalcogenide and Phosphide Solid-State Electrocatalysts for Hydrogen Generation. ChemPlusChem, 2016, 81, 1045-1055.	1.3	74
23	3D Nanoporous Metal Phosphides toward High-Efficiency Electrochemical Hydrogen Production. Advanced Materials, 2016, 28, 2951-2955.	11.1	163
24	Selenium-Enriched Nickel Selenide Nanosheets as a Robust Electrocatalyst for Hydrogen Generation. Angewandte Chemie, 2016, 128, 7033-7038.	1.6	65
25	Surface Roughening of Nickel Cobalt Phosphide Nanowire Arrays/Ni Foam for Enhanced Hydrogen Evolution Activity. ACS Applied Materials & Interfaces, 2016, 8, 34270-34279.	4.0	116
26	Developing a scalable artificial photosynthesis technology through nanomaterials by design. Nature Nanotechnology, 2016, 11, 1010-1019.	15.6	162
27	Dual-valence nickel nanosheets covered with thin carbon as bifunctional electrocatalysts for full water splitting. Journal of Materials Chemistry A, 2016, 4, 7297-7304.	5.2	73
28	Ni _{0.85} Se as an efficient non-noble bifunctional electrocatalyst for full water splitting. International Journal of Hydrogen Energy, 2016, 41, 10688-10694.	3.8	92
29	A wafer-scale antireflective protection layer of solution-processed TiO ₂ nanorods for high performance silicon-based water splitting photocathodes. Journal of Materials Chemistry A, 2016, 4, 9477-9485.	5.2	47
30	Synergistic WO ₃ ·2H ₂ O Nanoplates/WS ₂ Hybrid Catalysts for High-Efficiency Hydrogen Evolution. ACS Applied Materials & Interfaces, 2016, 8, 13966-13972.	4.0	120
31	CoP ₂ nanoparticles on reduced graphene oxide sheets as a super-efficient bifunctional electrocatalyst for full water splitting. Journal of Materials Chemistry A, 2016, 4, 4686-4690.	5.2	242

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32	Metal-free carbonaceous electrocatalysts and photocatalysts for water splitting. <i>Chemical Society Reviews</i> , 2016, 45, 3039-3052.	18.7	499
33	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.	2.8	160
34	Oxidation Induced Doping of Nanoparticles Revealed by <i>in Situ</i> X-ray Absorption Studies. <i>Nano Letters</i> , 2016, 16, 3738-3747.	4.5	25
35	A p-Si/NiCoSe _x core/shell nanopillar array photocathode for enhanced photoelectrochemical hydrogen production. <i>Energy and Environmental Science</i> , 2016, 9, 3113-3119.	15.6	162
36	Aligned MoO _x /MoS ₂ Core-Shell Nanotubular Structures with a High Density of Reactive Sites Based on Self-Ordered Anodic Molybdenum Oxide Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12252-12256.	7.2	100
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38	Bifunctional CoP and CoN porous nanocatalysts derived from ZIF-67 in situ grown on nanowire photoelectrodes for efficient photoelectrochemical water splitting and CO ₂ reduction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15353-15360.	5.2	90
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48	Cobalt and nickel selenide nanowalls anchored on graphene as bifunctional electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14789-14795.	5.2	150
49	MOF-derived Co-doped nickel selenide/C electrocatalysts supported on Ni foam for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15148-15155.	5.2	291

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67	Efficient Photoelectrochemical Hydrogen Evolution on Silicon Photocathodes Interfaced with Nanostructured NiP ₂ Cocatalyst Films. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31025-31031.	4.0	46

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84	General Synthesis of Multishell Mixedâ€“Metal Oxyphosphide Particles with Enhanced Electrocatalytic Activity in the Oxygen Evolution Reaction. <i>Angewandte Chemie</i> , 2017, 129, 2426-2429.	1.6	37
85	General Synthesis of Multishell Mixedâ€“Metal Oxyphosphide Particles with Enhanced Electrocatalytic Activity in the Oxygen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2386-2389.	7.2	257

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87	Active Edge Sites Engineering in Nickel Cobalt Selenide Solid Solutions for Highly Efficient Hydrogen Evolution. <i>Advanced Energy Materials</i> , 2017, 7, 1602089.	10.2	171
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