

Molybdenum phosphide as an efficient electrocatalyst for reaction

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Citation Report

#	ARTICLE	IF	CITATIONS
33	Molybdenum Phosphosulfide: An Active, Acid-Stable, Earth-Abundant Catalyst for the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14433-14437.	7.2	908
34	Self-Supported FeP Nanorod Arrays: A Cost-Effective 3D Hydrogen Evolution Cathode with High Catalytic Activity. <i>ACS Catalysis</i> , 2014, 4, 4065-4069.	5.5	419
35	Nickel phosphide: the effect of phosphorus content on hydrogen evolution activity and corrosion resistance in acidic medium. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17435-17445.	5.2	325
36	CoP as an Acid-Stable Active Electrocatalyst for the Hydrogen-Evolution Reaction: Electrochemical Synthesis, Interfacial Characterization and Performance Evaluation. <i>Journal of Physical Chemistry C</i> , 2014, 118, 29294-29300.	1.5	216
37	Three-dimensional amorphous tungsten-doped nickel phosphide microsphere as an efficient electrocatalyst for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18593-18599.	5.2	109
38	CoP nanostructures with different morphologies: synthesis, characterization and a study of their electrocatalytic performance toward the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14634.	5.2	227
39	A Cost-Effective 3D Hydrogen Evolution Cathode with High Catalytic Activity: FeP Nanowire Array as the Active Phase. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12855-12859.	7.2	816
40	Electrocatalytic hydrogen evolution using amorphous tungsten phosphide nanoparticles. <i>Chemical Communications</i> , 2014, 50, 11026.	2.2	264
41	Electrocatalytic and Photocatalytic Hydrogen Production from Acidic and Neutral-pH Aqueous Solutions Using Iron Phosphide Nanoparticles. <i>ACS Nano</i> , 2014, 8, 11101-11107.	7.3	429
42	FeP nanoparticles grown on graphene sheets as highly active non-precious-metal electrocatalysts for hydrogen evolution reaction. <i>Chemical Communications</i> , 2014, 50, 11554-11557.	2.2	187
43	Earth-abundant inorganic electrocatalysts and their nanostructures for energy conversion applications. <i>Energy and Environmental Science</i> , 2014, 7, 3519-3542.	15.6	1,151
44	Template-assisted synthesis of CoP nanotubes to efficiently catalyze hydrogen-evolving reaction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14812-14816.	5.2	147
45	Cobalt phosphide nanorods as an efficient electrocatalyst for the hydrogen evolution reaction. <i>Nano Energy</i> , 2014, 9, 373-382.	8.2	478
46	Improved High-Efficiency Perovskite Planar Heterojunction Solar Cells via Incorporation of a Polyelectrolyte Interlayer. <i>Chemistry of Materials</i> , 2014, 26, 5190-5193.	3.2	178
47	Amorphous Molybdenum Phosphide Nanoparticles for Electrocatalytic Hydrogen Evolution. <i>Chemistry of Materials</i> , 2014, 26, 4826-4831.	3.2	379
48	A Cost-Effective 3D Hydrogen Evolution Cathode with High Catalytic Activity: FeP Nanowire Array as the Active Phase. <i>Angewandte Chemie</i> , 2014, 126, 13069-13073.	1.6	168
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50	Operando Synthesis of a Dendritic and Well-Crystallized Molybdenum Oxide/Silver Catalyst for Enhanced Activity in the Hydrogen Evolution Reaction. <i>ChemCatChem</i> , 2015, 7, 2517-2525.	1.8	5

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52	The Synthesis of Nanostructured Ni ₅ P ₄ Films and their Use as a Non-Noble Bifunctional Electrocatalyst for Full Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12361-12365.	7.2	751
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107	Porous CoP concave polyhedron electrocatalysts synthesized from metal-organic frameworks with enhanced electrochemical properties for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21471-21477.	5.2	185
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150	Decorating mesoporous silicon with amorphous metal-phosphorous-derived nanocatalysts towards enhanced photoelectrochemical water reduction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14960-14967.	5.2	16
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153	Graphene Loading Molybdenum Carbide/Oxide Hybrids as Advanced Electrocatalysts for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 21246-21250.	3.8	30
154	Ni ₂ P-CoP hybrid nanosheet arrays supported on carbon cloth as an efficient flexible cathode for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16992-16999.	5.2	148
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156	Self-supported porous Ni-Fe-P composite as an efficient electrocatalyst for hydrogen evolution reaction in both acidic and alkaline medium. <i>Electrochimica Acta</i> , 2016, 219, 194-203.	2.6	97
157	Recent progress on earth abundant hydrogen evolution reaction and oxygen evolution reaction bifunctional electrocatalyst for overall water splitting in alkaline media. <i>Journal of Power Sources</i> , 2016, 333, 213-236.	4.0	390
158	Hydrogen evolution reaction efficiency by low loading of platinum nanoparticles protected by dendrimers on carbon materials. <i>Electrochemistry Communications</i> , 2016, 72, 135-139.	2.3	60

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166	3D structured porous CoP ₃ nanoneedle arrays as an efficient bifunctional electrocatalyst for the evolution reaction of hydrogen and oxygen. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14539-14544.	5.2	131
167	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.	5.2	36
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170	Cobalt nickel phosphide nanoparticles decorated carbon nanotubes as advanced hybrid catalysts for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14675-14686.	5.2	146
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1023	Ternary NiMoP catalysts for enhanced activity and durability in proton exchange membrane water electrolysis. <i>International Journal of Energy Research</i> , 2022, 46, 13023-13034.	2.2	7

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