Mingcai Yin

List of Publications by Year
in descending order

16 papers	210 citations	1163117 8 h-index	1125743 13 g-index
16 all docs	16 docs citations	16 times ranked	288 citing authors

#	Article	IF	Citations
1	A noble-metal-free photocatalytic hydrogen production system based on cobalt(<scp>iii</scp>) complex and eosin Y-sensitized TiO₂. RSC Advances, 2015, 5, 1852-1858.	3.6	55
2	Hydrothermal synthesis of MoS2-NiS/CdS with enhanced photocatalytic hydrogen production activity and stability. Journal of Solid State Chemistry, 2019, 270, 531-538.	2.9	41
3	Efficient photocatalytic hydrogen production of ternary composite constituted by cubic CdS, MoS2 and activated carbon. Journal of Alloys and Compounds, 2021, 874, 159930.	5.5	29
4	Facile wet-chemical synthesis and efficient photocatalytic hydrogen production of amorphous MoS3 sensitized by Erythrosin B. Materials Characterization, 2017, 128, 148-155.	4.4	17
5	Efficient photocatalytic hydrogen production over eosin Y-sensitized MoS₂. RSC Advances, 2016, 6, 75618-75625.	3.6	15
6	Insight into the factors influencing the photocatalytic H₂ evolution performance of molybdenum sulfide. New Journal of Chemistry, 2019, 43, 1230-1237.	2.8	11
7	Efficient photocatalytic hydrogen evolution over MoS2/activated carbon composite sensitized by Erythrosin B under LED light irradiation. Catalysis Communications, 2020, 142, 106029.	3.3	10
8	Synthesis, Crystal Structure, and Characterization of a New Zinc Complex with Flexible Ligand (4-Amino-1,2,4-triazole-3,5-diyldithio)diacetic Acid and 4,4â€²-Bipyridine. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2010, 40, 798-804.	0.6	8
9	Synthesis and characterization of a two-dimensional calcium complex with (1,3,4-thiadiazole-2,5-diyldithio)diacetic acid. Journal of Coordination Chemistry, 2008, 61, 907-916.	2.2	7
10	Simple post-modification of MoS 2 using 4-mercaptobenzoic acid for enhanced photocatalytic hydrogen production performance. Materials Letters, 2017, 198, 27-30.	2.6	6
11	Facile One-Step Preparation and Efficient Photocatalytic Hydrogen Production of Composite MoS₂/g-C₃N₄ Sensitized by Erythrosin B. Nano, 2020, 15, 2050127.	1.0	4
12	Syntheses, crystal structures, and catalytic activities of three new Cu(II) coordination polymers based on 2-(1H-1,2,4-triazole)-1-acetic acid. Journal of Coordination Chemistry, 2011, 64, 2010-2019.	2.2	3
13	Preparation condition optimization and stability of cubic phase CdS in photocatalytic hydrogen production. New Journal of Chemistry, 2021, 45, 6739-6744.	2.8	3
14	Enhanced Performance and Stability for Photocatalytic Hydrogen Production of Cubic CdS by Combining with MoS2 and g-C3N4. Nano, 0, , .	1.0	1
15	Synthesis, Crystal Structure, and Characterization of Two New Zinc(II) Complexes With (4-Amino-1,2,4-triazole- 3,5-diyldithio)diacetic Acid and N-Containing Ligands. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 1255-1261.	0.6	0
16	Influence of surface modification of mercapto compounds on photocatalytic hydrogen production performance of amorphous MoS₃. Materials Research Express, 2019, 6, 105031.	1.6	0