Jerry X

List of Publications by Year
in descending order

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26	1,371	430874	552781
papers	citations	18 h-index	26 g-index

26	26	26	1844
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical Bi2MoO6 spheres in situ assembled by monolayer nanosheets toward photocatalytic selective oxidation of benzyl alcohol. Applied Catalysis B: Environmental, 2019, 243, 10-18.	20.2	201
2	Highly efficient photocatalytic H2 evolution over MoS2/CdS-TiO2 nanofibers prepared by an electrospinning mediated photodeposition method. Applied Catalysis B: Environmental, 2017, 202, 374-380.	20.2	189
3	MIL-68(Fe) as an efficient visible-light-driven photocatalyst for the treatment of a simulated waste-water contain Cr(VI) and Malachite Green. Applied Catalysis B: Environmental, 2017, 206, 9-15.	20.2	145
4	An efficient cocatalyst of defect-decorated MoS₂ ultrathin nanoplates for the promotion of photocatalytic hydrogen evolution over CdS nanocrystal. Journal of Materials Chemistry A, 2015, 3, 12631-12635.	10.3	128
5	Development and photocatalytic mechanism of monolayer Bi₂MoO₆ nanosheets for the selective oxidation of benzylic alcohols. Chemical Communications, 2017, 53, 8604-8607.	4.1	91
6	Ultrathin HNb₃O₈ nanosheet: an efficient photocatalyst for the hydrogen production. Journal of Materials Chemistry A, 2015, 3, 20627-20632.	10.3	79
7	Efficient photocatalytic hydrogen evolution under visible light by ternary composite CdS@NU-1000/RGO. Catalysis Science and Technology, 2017, 7, 5113-5119.	4.1	67
8	Pd nanoclusters/TiO2(B) nanosheets with surface defects toward rapid photocatalytic dehalogenation of polyhalogenated biphenyls under visible light. Applied Catalysis B: Environmental, 2020, 277, 119255.	20.2	58
9	Photocatalytic hydrogen evolution over monolayer H1.07Ti1.73O4Â·H2O nanosheets: Roles of metal defects and greatly enhanced performances. Applied Catalysis B: Environmental, 2018, 221, 473-481.	20.2	56
10	Insights into the role of Cu in promoting photocatalytic hydrogen production over ultrathin HNb3O8 nanosheets. Journal of Catalysis, 2016, 342, 98-104.	6.2	51
11	Ultrathin HNbWO₆ nanosheets: facile synthesis and enhanced hydrogen evolution performance from photocatalytic water splitting. Chemical Communications, 2015, 51, 15125-15128.	4.1	49
12	Highly selective oxidation of furfuryl alcohol over monolayer titanate nanosheet under visible light irradiation. Applied Catalysis B: Environmental, 2018, 224, 394-403.	20.2	47
13	Construction of a hierarchically structured, NiCoâ€“Cu-based trifunctional electrocatalyst for efficient overall water splitting and 5-hydroxymethylfurfural oxidation. Sustainable Energy and Fuels, 2021, 5, 4023-4031.	4.9	27
14	An architecture of CdS/H₂Ti₅O₁₁ ultrathin nanobelt for photocatalytic hydrogenation of 4-nitroaniline with highly efficient performance. Journal of Materials Chemistry A, 2015, 3, 6935-6942.	10.3	26
15	A cobalt-based polyoxometalate catalyst for efficient visible-light-driven H2 evolution from water splitting. Catalysis Communications, 2015, 64, 44-47.	3.3	21
16	Synthesis of nitrosobenzene via photocatalytic oxidation of aniline over MgO/TiO2 under visible light irradiation. Applied Surface Science, 2018, 440, 1269-1276.	6.1	21
17	HNbxTa1-xWO6 monolayer nanosheets solid solutions: Tunable energy band structures and highly enhanced photocatalytic performances for hydrogen evolution. Applied Catalysis B: Environmental, 2017, 203, 798-806.	20.2	20
18	A hybrid of CdS/HCa₂Nb₃O₁₀ ultrathin nanosheets for promoting photocatalytic hydrogen evolution. Dalton Transactions, 2017, 46, 13935-13942.	3.3	19

#	Article	IF	Citations
19	Controllable sulphur vacancies confined in nanoporous ZnS nanoplates for visible-light photocatalytic hydrogen evolution. Chemical Communications, 2021, 57, 8186-8189.	4.1	14
20	A cathodic photocorrosion-assisted strategy to construct a CdS/Pt heterojunction photocatalyst for enhanced photocatalytic hydrogen evolution. New Journal of Chemistry, 2021, 45, 10315-10324.	2.8	13
21	SnS2 nanoplates/SnO2 nanotubes composites as efficient visible light-driven photocatalysts for Cr(VI) reduction. Research on Chemical Intermediates, 2017, 43, 5217-5228.	2.7	12
22	Preparation of monolayer HSr₂Nb₃O₁₀nanosheets for photocatalytic hydrogen evolution. Dalton Transactions, 2019, 48, 11136-11141.	3.3	11
23	A nickel phosphotungstate catalyst for efficient visible-light-driven H2 evolution from water splitting in a noble-metal-free system. International Journal of Hydrogen Energy, 2016, 41, 139-144.	7.1	10
24	Fabrication of hierarchical CdS nanosphere via one-pot process for photocatalytic water splitting. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	8
25	A novel Li₂CaSi₂N₄:Eu²⁺ orangeâ€red phosphor for fieldâ€emission displays. Journal of the American Ceramic Society, 2019, 102, 3517-3524.	3.8	7
26	Syngas Production via Carbon Dioxide Electroreduction Over CdS Nanorods. International Journal of Electrochemical Science, 2021, 16, 210369.	1.3	1