

Jerry X

List of Publications by Year in descending order

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26
papers

1,371
citations

430874

18
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1844
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of a hierarchically structured, NiCo ^{II} -Cu-based trifunctional electrocatalyst for efficient overall water splitting and 5-hydroxymethylfurfural oxidation. <i>Sustainable Energy and Fuels</i> , 2021, 5, 4023-4031.	4.9	27
2	Syngas Production via Carbon Dioxide Electroreduction Over CdS Nanorods. <i>International Journal of Electrochemical Science</i> , 2021, 16, 210369.	1.3	1
3	Controllable sulphur vacancies confined in nanoporous ZnS nanoplates for visible-light photocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2021, 57, 8186-8189.	4.1	14
4	A cathodic photocorrosion-assisted strategy to construct a CdS/Pt heterojunction photocatalyst for enhanced photocatalytic hydrogen evolution. <i>New Journal of Chemistry</i> , 2021, 45, 10315-10324.	2.8	13
5	Pd nanoclusters/TiO ₂ (B) nanosheets with surface defects toward rapid photocatalytic dehalogenation of polyhalogenated biphenyls under visible light. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119255.	20.2	58
6	Preparation of monolayer H ₂ Sr ₂ Nb ₃ O ₁₀ nanosheets for photocatalytic hydrogen evolution. <i>Dalton Transactions</i> , 2019, 48, 11136-11141.	3.3	11
7	A novel Li ₂ CaSi ₂ N ₄ :Eu ²⁺ orange-red phosphor for field-emission displays. <i>Journal of the American Ceramic Society</i> , 2019, 102, 3517-3524.	3.8	7
8	Hierarchical Bi ₂ MoO ₆ spheres in situ assembled by monolayer nanosheets toward photocatalytic selective oxidation of benzyl alcohol. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 10-18.	20.2	201
9	Synthesis of nitrosobenzene via photocatalytic oxidation of aniline over MgO/TiO ₂ under visible light irradiation. <i>Applied Surface Science</i> , 2018, 440, 1269-1276.	6.1	21
10	Photocatalytic hydrogen evolution over monolayer H _{1.07} Ti _{1.73} O ₄ ·H ₂ O nanosheets: Roles of metal defects and greatly enhanced performances. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 473-481.	20.2	56
11	Highly selective oxidation of furfuryl alcohol over monolayer titanate nanosheet under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2018, 224, 394-403.	20.2	47
12	MIL-68(Fe) as an efficient visible-light-driven photocatalyst for the treatment of a simulated waste-water contain Cr(VI) and Malachite Green. <i>Applied Catalysis B: Environmental</i> , 2017, 206, 9-15.	20.2	145
13	Efficient photocatalytic hydrogen evolution under visible light by ternary composite CdS@NU-1000/RGO. <i>Catalysis Science and Technology</i> , 2017, 7, 5113-5119.	4.1	67
14	A hybrid of CdS/HCa ₂ Nb ₃ O ₁₀ ultrathin nanosheets for promoting photocatalytic hydrogen evolution. <i>Dalton Transactions</i> , 2017, 46, 13935-13942.	3.3	19
15	Development and photocatalytic mechanism of monolayer Bi ₂ MoO ₆ nanosheets for the selective oxidation of benzylic alcohols. <i>Chemical Communications</i> , 2017, 53, 8604-8607.	4.1	91
16	SnS ₂ nanoplates/SnO ₂ nanotubes composites as efficient visible light-driven photocatalysts for Cr(VI) reduction. <i>Research on Chemical Intermediates</i> , 2017, 43, 5217-5228.	2.7	12
17	HN _x Ta _{1-x} WO ₆ monolayer nanosheets solid solutions: Tunable energy band structures and highly enhanced photocatalytic performances for hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2017, 203, 798-806.	20.2	20
18	Highly efficient photocatalytic H ₂ evolution over MoS ₂ /CdS-TiO ₂ nanofibers prepared by an electrospinning mediated photodeposition method. <i>Applied Catalysis B: Environmental</i> , 2017, 202, 374-380.	20.2	189

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19	Insights into the role of Cu in promoting photocatalytic hydrogen production over ultrathin HNb ₃ O ₈ nanosheets. <i>Journal of Catalysis</i> , 2016, 342, 98-104.	6.2	51
20	A nickel phosphotungstate catalyst for efficient visible-light-driven H ₂ evolution from water splitting in a noble-metal-free system. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 139-144.	7.1	10
21	Fabrication of hierarchical CdS nanosphere via one-pot process for photocatalytic water splitting. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	8
22	A cobalt-based polyoxometalate catalyst for efficient visible-light-driven H ₂ evolution from water splitting. <i>Catalysis Communications</i> , 2015, 64, 44-47.	3.3	21
23	An architecture of CdS/H ₂ Ti ₅ O ₁₁ ultrathin nanobelt for photocatalytic hydrogenation of 4-nitroaniline with highly efficient performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6935-6942.	10.3	26
24	An efficient cocatalyst of defect-decorated MoS ₂ ultrathin nanoplates for the promotion of photocatalytic hydrogen evolution over CdS nanocrystal. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12631-12635.	10.3	128
25	Ultrathin HNbWO ₆ nanosheets: facile synthesis and enhanced hydrogen evolution performance from photocatalytic water splitting. <i>Chemical Communications</i> , 2015, 51, 15125-15128.	4.1	49
26	Ultrathin HNb ₃ O ₈ nanosheet: an efficient photocatalyst for the hydrogen production. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20627-20632.	10.3	79