

Jindui Hong

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,040
citations

331259

21
h-index

454577

30
g-index

31
all docs

31
docs citations

31
times ranked

4759
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous carbon nitride with in situ sulfur doping for enhanced photocatalytic hydrogen evolution from water under visible light. <i>Journal of Materials Chemistry</i> , 2012, 22, 15006.	6.7	632
2	Post-synthesis modification of a metal-organic framework to construct a bifunctional photocatalyst for hydrogen production. <i>Energy and Environmental Science</i> , 2013, 6, 3229.	15.6	336
3	Noble-Metal-Free NiS/C ₃ N ₄ for Efficient Photocatalytic Hydrogen Evolution from Water. <i>ChemSusChem</i> , 2013, 6, 2263-2268.	3.6	289
4	Nickel-Thiolate Complex Catalyst Assembled in One Step in Water for Solar H ₂ Production. <i>Journal of the American Chemical Society</i> , 2011, 133, 20680-20683.	6.6	265
5	Carbon nitride nanosheets for photocatalytic hydrogen evolution: remarkably enhanced activity by dye sensitization. <i>Catalysis Science and Technology</i> , 2013, 3, 1703.	2.1	225
6	Photocatalytic reduction of CO ₂ : a brief review on product analysis and systematic methods. <i>Analytical Methods</i> , 2013, 5, 1086.	1.3	186
7	Photocatalytic Reduction of Carbon Dioxide over Self-Assembled Carbon Nitride and Layered Double Hydroxide: The Role of Carbon Dioxide Enrichment. <i>ChemCatChem</i> , 2014, 6, 2315-2321.	1.8	130
8	Carbon nitride nanosheet/metal-organic framework nanocomposites with synergistic photocatalytic activities. <i>Catalysis Science and Technology</i> , 2016, 6, 5042-5051.	2.1	116
9	Porous carbon nitride nanosheets for enhanced photocatalytic activities. <i>Nanoscale</i> , 2014, 6, 14984-14990.	2.8	109
10	Effect of depositing silver nanoparticles on BiVO ₄ in enhancing visible light photocatalytic inactivation of bacteria in water. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6209-6217.	5.2	107
11	Hierarchically porous carbon foams from pickering high internal phase emulsions. <i>Carbon</i> , 2016, 101, 253-260.	5.4	86
12	Bio-inspired organic cobalt(II) phosphonates toward water oxidation. <i>Energy and Environmental Science</i> , 2015, 8, 526-534.	15.6	79
13	CdS quantum dots and tungsten carbide supported on anatase-rutile composite TiO ₂ for highly efficient visible-light-driven photocatalytic H ₂ evolution from water. <i>Catalysis Science and Technology</i> , 2016, 6, 2206-2213.	2.1	62
14	Metal-organic framework immobilized cobalt oxide nanoparticles for efficient photocatalytic water oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20607-20613.	5.2	57
15	Enhanced visible light hydrogen production via a multiple heterojunction structure with defect-engineered g-C ₃ N ₄ and two-phase anatase/brookite TiO ₂ . <i>Journal of Catalysis</i> , 2016, 342, 55-62.	3.1	57
16	Cadmium Sulfide Quantum Dots Supported on Gallium and Indium Oxide for Visible-Light-Driven Hydrogen Evolution from Water. <i>ChemSusChem</i> , 2014, 7, 2537-2544.	3.6	52
17	Carbon supported Pt ₉ Sn ₁ nanoparticles as an efficient nanocatalyst for glycerol oxidation. <i>Applied Catalysis B: Environmental</i> , 2016, 180, 78-85.	10.8	50
18	Water-Soluble MoS ₃ Nanoparticles for Photocatalytic H ₂ Evolution. <i>ChemSusChem</i> , 2015, 8, 1464-1471.	3.6	39

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19	Self-assembled dye-templated layered double hydroxide-Pt nanoparticles: a novel H ₂ evolution system with remarkably enhanced stability. <i>Nanoscale</i> , 2011, 3, 4655.	2.8	32
20	Vertically-aligned silicon carbide nanowires as visible-light-driven photocatalysts. <i>Applied Catalysis B: Environmental</i> , 2017, 218, 267-276.	10.8	25
21	New Family of Plasmonic Photocatalysts without Noble Metals. <i>Chemistry of Materials</i> , 2019, 31, 2320-2327.	3.2	25
22	Solid-Liquid-Gas Equilibrium of the Ternaries Ibuprofen + Myristic Acid + CO ₂ and Ibuprofen + Tripalmitin + CO ₂ . <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 297-302.	1.0	21
23	MoS ₃ loaded TiO ₂ nanoplates for photocatalytic water and carbon dioxide reduction. <i>Journal of Energy Chemistry</i> , 2016, 25, 500-506.	7.1	18
24	Calculation of Solid-Liquid-Gas Equilibrium for Binary Systems Containing CO ₂ . <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 4579-4586.	1.8	14
25	Solid-liquid-gas equilibrium for binary systems containing N ₂ : Measurement and modeling. <i>Fluid Phase Equilibria</i> , 2011, 302, 190-194.	1.4	8
26	Molybdenum carbide microcrystals: Efficient and stable catalyst for photocatalytic H ₂ evolution from water in the presence of dye sensitizer. <i>Journal of Materiomics</i> , 2016, 2, 344-349.	2.8	8
27	Ni ₂ Mn-layered double oxide electrodes in organic electrolyte based supercapacitors. <i>RSC Advances</i> , 2021, 11, 27267-27275.	1.7	6
28	Solid-liquid-gas equilibrium of the naphthalene-biphenyl-CO ₂ system: Measurement and modeling. <i>Fluid Phase Equilibria</i> , 2010, 299, 109-115.	1.4	3
29	Carbon Nanospheres-A Dark Support for Effective Loading of Pt Catalyst and Protection of Dye Sensitizer in Photocatalytic Hydrogen Evolution. <i>Science of Advanced Materials</i> , 2013, 5, 1658-1666.	0.1	2
30	Development of Low-cost and Efficient Photocatalyst Systems for Production of Solar Hydrogen. , 2012, , .		0