

Jun Lin

List of Publications by Year in descending order

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28
papers

1,225
citations

361413

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times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Visible Light Photocatalysis of Bi ₂ O ₃ upon Fluorination. Journal of Physical Chemistry C, 2013, 117, 20029-20036.	3.1	159
2	Synthesis and photocatalytic properties of metastable β -Bi ₂ O ₃ stabilized by surface-coordination effects. Journal of Materials Chemistry A, 2015, 3, 5119-5125.	10.3	149
3	Enhanced Photocatalytic Degradation of RhB Driven by Visible Light-Induced MMCT of Ti(IV) \rightarrow Fe(II) Formed in Fe-Doped SrTiO ₃ . Journal of Physical Chemistry C, 2008, 112, 9753-9759.	3.1	129
4	Surface Modification of Bi ₂ O ₃ with Fe(III) Clusters toward Efficient Photocatalysis in a Broader Visible Light Region: Implications of the Interfacial Charge Transfer. Journal of Physical Chemistry C, 2014, 118, 17626-17632.	3.1	76
5	Origin of Photocatalytic Deactivation of TiO ₂ Film Coated on Ceramic Substrate. Journal of Physical Chemistry C, 2007, 111, 9968-9974.	3.1	67
6	Few-layer Co-doped MoS ₂ nanosheets with rich active sites as an efficient cocatalyst for photocatalytic H ₂ production over CdS. Applied Surface Science, 2018, 452, 437-442.	6.1	65
7	Significantly improved electrocatalytic oxygen reduction by an asymmetrical Pacman dinuclear cobalt(II) porphyrin-porphyrin dyad. Chemical Science, 2020, 11, 87-96.	7.4	65
8	A role of ionic liquid as an activator for efficient olefinepoxidation catalyzed by polyoxometalate. New Journal of Chemistry, 2008, 32, 283-289.	2.8	55
9	Sonochemical Deposition of Au Nanoparticles on Different Facets-Dominated Anatase TiO ₂ Single Crystals and Resulting Photocatalytic Performance. Journal of Physical Chemistry C, 2013, 117, 14600-14607.	3.1	46
10	Synergetic Effects of Thermal and Photo-Catalysis in Purification of Dye Water over SrTi _{1-x} Mn _x O ₃ Solid Solutions. Journal of Physical Chemistry C, 2009, 113, 4970-4975.	3.1	45
11	In situ construction of β -Bi ₂ O ₃ /g-C ₃ N ₄ / β -Bi ₂ O ₃ composites and their highly efficient photocatalytic performances. RSC Advances, 2015, 5, 92963-92969.		45
12	Sonochemical deposition of ultrafine metallic Pt nanoparticles on CdS for efficient photocatalytic hydrogen evolution. Sustainable Energy and Fuels, 2019, 3, 1048-1054.	4.9	33
13	Hierarchical structure NiO/CdS for highly performance H ₂ evolution. Materials Letters, 2018, 224, 82-85.	2.6	31
14	Modification of tungsten trioxide with ionic liquid for enhanced photocatalytic performance. RSC Advances, 2014, 4, 37556-37562.	3.6	28
15	Enhanced visible light photocatalysis over Pt-loaded Bi ₂ O ₃ : an insight into its photogenerated charge separation, transfer and capture. Physical Chemistry Chemical Physics, 2017, 19, 251-257.	2.8	27
16	C,N-Codoped InOOH microspheres: one-pot synthesis, growth mechanism and visible light photocatalysis. CrystEngComm, 2013, 15, 721-728.	2.6	24
17	Polydopamine nanotubes-templated synthesis of TiO ₂ and its photocatalytic performance under visible light. RSC Advances, 2017, 7, 23535-23542.	3.6	23
18	Nanorod-like β -Bi ₂ O ₃ : a highly active photocatalyst synthesized using g-C ₃ N ₄ as a template. RSC Advances, 2014, 4, 55062-55066.	3.6	22

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19	Facile ultrasound-driven formation and deposition of few-layered MoS ₂ nanosheets on CdS for highly enhanced photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , 2019, 481, 795-801.	6.1	22
20	Facile fabrication of FeP/CdS for H ₂ evolution. <i>Materials Letters</i> , 2018, 221, 289-292.	2.6	21
21	Gold complexes inhibit the aggregation of prion neuropeptides. <i>Journal of Biological Inorganic Chemistry</i> , 2013, 18, 767-778.	2.6	20
22	Influence of the MAI additive on grain boundaries, trap-state properties, and charge dynamics in perovskite solar cells. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 6162-6170.	2.8	18
23	Sonochemical deposition of MoS _x on ZnIn ₂ S ₄ for photocatalytic hydrogen evolution. <i>Materials Letters</i> , 2019, 247, 122-125.	2.6	14
24	Photodeposition of ultrathin MoS ₂ nanosheets onto cubic CdS for efficient photocatalytic H ₂ evolution. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	12
25	Cd _{1-x} Zn _x S Nanorod Solid Solutions with Sulfur Vacancies as Effective Electron Traps for Highly Efficient Photocatalytic Hydrogen Evolution. <i>Journal of Physical Chemistry C</i> , 2021, 125, 25600-25607.	3.1	11
26	Modulation of the Band Bending of CdS by Fluorination to Facilitate Photoinduced Electron Transfer for Efficient H ₂ Evolution over Pt/CdS. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7896-7902.	3.1	10
27	Prominent roles of Ni(OH) ₂ deposited on ZnIn ₂ S ₄ microspheres in efficient charge separation and photocatalytic H ₂ evolution. <i>RSC Advances</i> , 2021, 11, 12442-12448.	3.6	7
28	Zeolite NaY-mediated oxidation of dyes with H ₂ O ₂ : unique heterogeneous non-transition metal center cleavage of H ₂ O ₂ under visible light irradiation. <i>Science in China Series B: Chemistry</i> , 2007, 50, 770-775.	0.8	1