

Feng-Jun Zhang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Novel NiCo ₂ Se ₄ /Mn _{0.5} Cd _{0.5} S photocatalyst for visible light-driven hydrogen evolution. Journal of the Korean Ceramic Society, 2023, 60, 637-645.	2.3	3
2	In situ growth of CdS spherical nanoparticles/Ti ₃ C ₂ MXene nanosheet heterojunction with enhanced photocatalytic hydrogen evolution. Journal of the Korean Ceramic Society, 2022, 59, 302-311.	2.3	7
3	Enhanced photocatalytic hydrogen evolution under visible light using noble metal-free ZnS NPs/Ni@Trimellitic acid porous microsphere heterojunction. Korean Journal of Chemical Engineering, 2022, 39, 1268-1276.	2.7	1
4	Facile formation of Mo-vacancy defective MoS ₂ /CdS nanoparticles enhanced efficient hydrogen production. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 643, 128743.	4.7	12
5	Research progress of defective MoS ₂ for photocatalytic hydrogen evolution. Journal of the Korean Ceramic Society, 2021, 58, 135-147.	2.3	34
6	Synthesis and photocatalytic hydrogen activity of Mo _{1-x} S ₂ nanosheets with controllable Mo vacancies. Journal of Alloys and Compounds, 2021, 876, 160165.	5.5	16
7	A novel I-type 0D/0D ZnS@Cu ₃ P heterojunction for photocatalytic hydrogen evolution. Inorganic Chemistry Communication, 2021, 134, 109046.	3.9	11
8	In-situ grown rod-shaped Ni(OH) ₂ between interlayer of g-C ₃ N ₄ for hydrogen evolution under visible light. Inorganic Chemistry Communication, 2020, 122, 108264.	3.9	9
9	Crosslinking modification of a porous metal-organic framework (UIO-66) and hydrogen storage properties. New Journal of Chemistry, 2020, 44, 11164-11171.	2.8	13
10	Porous g-C ₃ N ₄ /WO ₃ photocatalyst prepared by simple calcination for efficient hydrogen generation under visible light. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 594, 124653.	4.7	49
11	Mo-vacancy induced high performance for photocatalytic hydrogen production over MoS ₂ nanosheets cocatalyst. Chemical Physics Letters, 2020, 746, 137276.	2.6	22
12	Preparation and photocatalytic activity of a novel BiOCl/g-C ₃ N ₄ thin film prepared via spin coating. Journal of the Korean Ceramic Society, 2020, 57, 331-337.	2.3	5
13	Photocatalytic CO ₂ Reduction over g-C ₃ N ₄ Based Materials. Korean Journal of Materials Research, 2020, 30, 581-588.	0.2	0
14	Surface partially oxidized MoS ₂ nanosheets as a higher efficient cocatalyst for photocatalytic hydrogen production. Applied Surface Science, 2019, 487, 734-742.	6.1	91
15	Synthesis and Characterization of MoS ₂ /Graphene-TiO ₂ Ternary Photocatalysts for High-Efficiency Hydrogen Production under Visible Light. Journal of the Korean Ceramic Society, 2019, 56, 284-290.	2.3	28
16	Enhanced photocatalytic activity by the tunnel effect of microstructured InVO ₄ /WO ₃ heterojunctions. Reaction Kinetics, Mechanisms and Catalysis, 2013, 108, 253-261.	1.7	5
17	UV and visible light photodegradation effect on Fe-CNT/TiO ₂ composite catalysts. Bulletin of Materials Science, 2013, 36, 293-299.	1.7	9
18	Surface plasmon resonance induced reduction of high quality Ag/graphene composite at water/toluene phase for reduction of H ₂ O ₂ . Applied Surface Science, 2013, 265, 578-584.	6.1	18

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19	Rapid sonochemical synthesis of irregular nanolaminar-like Bi ₂ WO ₆ as efficient visible-light-active photocatalysts. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 209-215.	8.2	47
20	Plate-on-plate structured Bi ₂ MoO ₆ /Bi ₂ WO ₆ heterojunction with high-efficiently gradient charge transfer for decolorization of MB. <i>Separation and Purification Technology</i> , 2013, 113, 1-8.	7.9	93
21	Characterization of Graphene Nanosheets as Electrode Material and Their Performances for Electric Double-Layer Capacitors. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2013, 21, 525-536.	2.1	12
22	Photonic Activity for MB Solution of Metal Oxide/CNT Catalysts Derived from Different Organometallic Compounds. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2012, 20, 127-137.	2.1	8
23	A novel and simple approach for the synthesis of Fe ₃ O ₄ -graphene composite. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 989-993.	2.7	12
24	Photocatalytic Degradation of Methyl Orange on Platinum and Palladium Co-doped TiO ₂ Nanoparticles. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 685-691.	0.6	10
25	Photoelectrocatalytic Degradation of Methylene Blue Over M-CNT/TiO ₂ (M=Y, Ag, and Pt) Composite Electrodes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2011, 19, 564-574.	2.1	8
26	Fabrication and performances of MWCNT/TiO ₂ composites derived from MWCNTs and titanium (IV) alkoxide precursors. <i>Bulletin of Materials Science</i> , 2011, 34, 835-841.	1.7	6
27	Research Progress on Photocatalytic Reduction of CO ₂ Based on CsPbBr ₃ Perovskite Materials. <i>ChemNanoMat</i> , 0, , .	2.8	2