

# Feng-Jun Zhang

## List of Publications by Year in descending order

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27  
papers

531  
citations

759233

12  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plate-on-plate structured Bi <sub>2</sub> MoO <sub>6</sub> /Bi <sub>2</sub> WO <sub>6</sub> heterojunction with high-efficiently gradient charge transfer for decolorization of MB. <i>Separation and Purification Technology</i> , 2013, 113, 1-8.	7.9	93
2	Surface partially oxidized MoS <sub>2</sub> nanosheets as a higher efficient cocatalyst for photocatalytic hydrogen production. <i>Applied Surface Science</i> , 2019, 487, 734-742.	6.1	91
3	Porous g-C <sub>3</sub> N <sub>4</sub> /WO <sub>3</sub> photocatalyst prepared by simple calcination for efficient hydrogen generation under visible light. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 594, 124653.	4.7	49
4	Rapid sonochemical synthesis of irregular nanolaminar-like Bi <sub>2</sub> WO <sub>6</sub> as efficient visible-light-active photocatalysts. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 209-215.	8.2	47
5	Research progress of defective MoS <sub>2</sub> for photocatalytic hydrogen evolution. <i>Journal of the Korean Ceramic Society</i> , 2021, 58, 135-147.	2.3	34
6	Synthesis and Characterization of MoS <sub>2</sub> /Graphene-TiO <sub>2</sub> Ternary Photocatalysts for High-Efficiency Hydrogen Production under Visible Light. <i>Journal of the Korean Ceramic Society</i> , 2019, 56, 284-290.	2.3	28
7	Mo-vacancy induced high performance for photocatalytic hydrogen production over MoS <sub>2</sub> nanosheets cocatalyst. <i>Chemical Physics Letters</i> , 2020, 746, 137276.	2.6	22
8	Surface plasmon resonance induced reduction of high quality Ag/graphene composite at water/toluene phase for reduction of H <sub>2</sub> O <sub>2</sub> . <i>Applied Surface Science</i> , 2013, 265, 578-584.	6.1	18
9	Synthesis and photocatalytic hydrogen activity of Mo <sub>1-x</sub> S <sub>2</sub> nanosheets with controllable Mo vacancies. <i>Journal of Alloys and Compounds</i> , 2021, 876, 160165.	5.5	16
10	Crosslinking modification of a porous metal-organic framework (UIO-66) and hydrogen storage properties. <i>New Journal of Chemistry</i> , 2020, 44, 11164-11171.	2.8	13
11	A novel and simple approach for the synthesis of Fe <sub>3</sub> O <sub>4</sub> -graphene composite. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 989-993.	2.7	12
12	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
13	Facile formation of Mo-vacancy defective MoS <sub>2</sub> /CdS nanoparticles enhanced efficient hydrogen production. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 643, 128743.	4.7	12
14	A novel I-type OD/OD ZnS@Cu <sub>3</sub> P heterojunction for photocatalytic hydrogen evolution. <i>Inorganic Chemistry Communication</i> , 2021, 134, 109046.	3.9	11
15	Photocatalytic Degradation of Methyl Orange on Platinum and Palladium Co-doped TiO <sub>2</sub> Nanoparticles. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 685-691.	0.6	10
16	UV and visible light photodegradation effect on Fe-CNT/TiO <sub>2</sub> composite catalysts. <i>Bulletin of Materials Science</i> , 2013, 36, 293-299.	1.7	9
17	In-situ grown rod-shaped Ni(OH) <sub>2</sub> between interlayer of g-C <sub>3</sub> N <sub>4</sub> for hydrogen evolution under visible light. <i>Inorganic Chemistry Communication</i> , 2020, 122, 108264.	3.9	9
18	Photoelectrocatalytic Degradation of Methylene Blue Over M-CNT/TiO <sub>2</sub> (M=Y, Ag, and Pt) Composite Electrodes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2011, 19, 564-574.	2.1	8

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19	Photonic Activity for MB Solution of Metal Oxide/CNT Catalysts Derived from Different Organometallic Compounds. Fullerenes Nanotubes and Carbon Nanostructures, 2012, 20, 127-137.	2.1	8
20	In situ growth of CdS spherical nanoparticles/Ti3C2 MXene nanosheet heterojunction with enhanced photocatalytic hydrogen evolution. Journal of the Korean Ceramic Society, 2022, 59, 302-311.	2.3	7
21	Fabrication and performances of MWCNT/TiO2 composites derived from MWCNTs and titanium (IV) alkoxide precursors. Bulletin of Materials Science, 2011, 34, 835-841.	1.7	6
22	Enhanced photocatalytic activity by the tunnel effect of microstructured InVO4/WO3 heterojunctions. Reaction Kinetics, Mechanisms and Catalysis, 2013, 108, 253-261.	1.7	5
23	Preparation and photocatalytic activity of a novel BiOCl/g-C3N4 thin film prepared via spin coating. Journal of the Korean Ceramic Society, 2020, 57, 331-337.	2.3	5
24	Novel NiCo2Se4/Mn0.5Cd0.5S photocatalyst for visible light-driven hydrogen evolution. Journal of the Korean Ceramic Society, 2023, 60, 637-645.	2.3	3
25	Research Progress on Photocatalytic Reduction of CO <sub>2</sub> Based on CsPbBr <sub>3</sub> Perovskite Materials. ChemNanoMat, 0, , .	2.8	2
26	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
27	Photocatalytic CO2 Reduction over g-C3N4 Based Materials. Korean Journal of Materials Research, 2020, 30, 581-588.	0.2	0