

Song Han

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Structurally controlled ZnO/TiO ₂ heterostructures as efficient photocatalysts for hydrogen generation from water without noble metals: The role of microporous amorphous/crystalline composite structure. <i>Journal of Power Sources</i> , 2014, 245, 979-985.	7.8	80
2	Impact of microplastics on bioaccumulation of heavy metals in rape (<i>Brassica napus</i> L.). <i>Chemosphere</i> , 2022, 288, 132576.	8.2	66
3	Decolourization of azo dyes by a newly isolated <i>Klebsiella</i> sp. strain Y3, and effects of various factors on biodegradation. <i>Biotechnology and Biotechnological Equipment</i> , 2014, 28, 478-486.	1.3	65
4	Enhanced visible-light photocatalytic activity of anatase TiO ₂ through N and S codoping. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	57
5	Influence of polyethylene-microplastic on environmental behaviors of metals in soil. <i>Environmental Science and Pollution Research</i> , 2021, 28, 28329-28336.	5.3	56
6	Porous nickel doped titanium dioxide nanoparticles with improved visible light photocatalytic activity. <i>Nanoscale Advances</i> , 2020, 2, 1352-1357.	4.6	55
7	Self-assembly synthesis of precious-metal-free 3D ZnO nano/micro spheres with excellent photocatalytic hydrogen production from solar water splitting. <i>Journal of Power Sources</i> , 2015, 293, 17-22.	7.8	54
8	A novel Zn(<i>scp</i>) dithiocarbamate/ZnS nanocomposite for highly efficient Cr ⁶⁺ removal from aqueous solutions. <i>RSC Advances</i> , 2017, 7, 35075-35085.	3.6	44
9	Synthesis and characterization of nitrogen and phosphate codoped titanium dioxide with excellent visible-light photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2012, 544, 50-54.	5.5	31
10	A Facile Low-Temperature Approach to Designing Controlled Amorphous-Based Titania Composite Photocatalysts with Excellent Noble-Metal-Free Photocatalytic Hydrogen Production. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4743-4751.	8.0	29
11	Combined toxicity characteristics and regulation of residual quinolone antibiotics in water environment. <i>Chemosphere</i> , 2021, 263, 128301.	8.2	27
12	Fuzzy Comprehensive Evaluation Assistant 3D-QSAR of Environmentally Friendly FQs to Reduce ADRs. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3161.	2.6	21
13	One-Step Synthesis of Water-Soluble CdS Quantum Dots for Silver-Ion Detection. <i>ACS Omega</i> , 2021, 6, 7139-7146.	3.5	16
14	Photocatalytic Penicillin Degradation Performance and the Mechanism of the Fragmented TiO ₂ Modified by CdS Quantum Dots. <i>ACS Omega</i> , 2021, 6, 18178-18189.	3.5	15
15	Control strategies for the vertical gene transfer of quinolone ARGs in <i>Escherichia coli</i> through molecular modification and molecular dynamics. <i>Journal of Hazardous Materials</i> , 2021, 420, 126667.	12.4	15
16	Enhancing the Bifunctional Catalytic Performance of Porous La _{0.9} Mn _{0.6} Ni _{0.4} O ₃ Nanofibers for Li-O ₂ Batteries through Exsolution of Ni Nanoparticles. <i>ACS Applied Energy Materials</i> , 2020, 3, 10015-10022.	5.1	9
17	Field Emission Enhancement in Semiconductor Nanofilms by Engineering the Layer Thickness: First-Principles Calculations. <i>Journal of Physical Chemistry C</i> , 2010, 114, 11584-11587.	3.1	8
18	Effects of laccase incubated from white rot fungi on the mechanical properties of fiberboard. <i>Journal of Forestry Research</i> , 2017, 28, 1293-1300.	3.6	6

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19	Genomic studies on natural and engineered aquatic denitrifying eco-systems: A research update. <i>Bioresource Technology</i> , 2021, 326, 124740.	9.6	6
20	Mechanistic insight into the individual ionic transportation in polymer electrolytes for use in dye-sensitized solar cells. <i>RSC Advances</i> , 2013, 3, 13968.	3.6	5
21	Marked Enhancement of Photocatalytic Activity of P-Doped TiO ₂ with Hydrothermal Method. <i>Advanced Materials Research</i> , 2010, 113-116, 2150-2153.	0.3	4
22	Phosphorus Doped Titania Materials: Synthesis, Characterization and Visible-Light Photocatalytic Activity. <i>Advanced Materials Research</i> , 2011, 183-185, 2059-2062.	0.3	3
23	Study on the Photocatalyst Degradation of Methylene Blue by Using Nanometer-Sized TiO ₂ /Quartz Sand. <i>Advanced Materials Research</i> , 2011, 183-185, 1803-1806.	0.3	2
24	Preparation, Characterization of Phosphorus Doped Titania Photocatalysts with High Photocatalytic Properties. <i>Advanced Materials Research</i> , 0, 113-116, 2154-2157.	0.3	1
25	Discussion the Influence of Nonmetal Doped TiO ₂ . <i>Advanced Materials Research</i> , 2011, 287-290, 1771-1774.	0.3	1
26	Visible-Light-Driven TiO ₂ Catalysts Doped with Two Different Nonmetal Species by Hydrothermal Method. <i>Advanced Materials Research</i> , 2011, 183-185, 591-594.	0.3	1
27	Synthesis of Nitrogen and Sulfur Codoped TiO ₂ and its Better Efficient Degradation of Organophosphorus Pesticides. <i>Advanced Materials Research</i> , 2011, 183-185, 1787-1790.	0.3	1
28	Comparison of the Photocatalytic Activity of N-Doped, P-Doped Titania under Solar Light Irradiation. <i>Advanced Materials Research</i> , 0, 113-116, 2141-2144.	0.3	0
29	Preparation, Characterization of N, P Codoped TiO ₂ Nanoparticles with their Excellent Photocatalytic Properties. <i>Advanced Materials Research</i> , 0, 113-116, 2162-2165.	0.3	0
30	Preparation of Nitrogen-Doped Titanium Dioxide with Visible-Light Photocatalytic Activity of Organophosphorus Pesticide Degradation. <i>Advanced Materials Research</i> , 0, 183-185, 1795-1798.	0.3	0
31	N-Doped TiO ₂ with Different Hydration Temperature Synthesis: Stability, Photo-Reactivity in the Visible Range. <i>Advanced Materials Research</i> , 0, 183-185, 1783-1786.	0.3	0
32	Study on Preparation and Application of Porous TiO ₂ Photocatalysis Material. <i>Advanced Materials Research</i> , 2011, 183-185, 1799-1802.	0.3	0
33	The Mixed Bacteria Trichoderma Optimized Conditions. <i>Advanced Materials Research</i> , 0, 183-185, 753-756.	0.3	0