

Min Fu

List of Publications by Year in descending order

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56
papers

3,973
citations

172207

29
h-index

155451

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56
all docs

56
docs citations

56
times ranked

4803
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on the degradation of tetracycline in wastewater by micro-nano bubbles activated hydrogen peroxide. <i>Environmental Technology</i> (United Kingdom), 2022, 43, 3580-3590.	1.2	8
2	Visible light photocatalytic abatement of tetracycline over unique Z-scheme ZnS/PI composites. <i>Applied Surface Science</i> , 2022, 575, 151798.	3.1	17
3	Tubular g-C ₃ N ₄ coupled with lanthanide oxides Yb ₂ O ₃ as a novel bifunctional photocatalyst ^{1/4} Enhanced photocatalytic NO removal and H ₂ evolution, dual regulation and reaction pathway. <i>Journal of Alloys and Compounds</i> , 2022, 903, 163806.	2.8	12
4	Switching on photocatalytic NO oxidation and proton reduction of NH ₂ -MIL-125(Ti) by convenient linker defect engineering. <i>Journal of Hazardous Materials</i> , 2022, 430, 128468.	6.5	26
5	Novel Co ²⁺ passivated carbon nanodots with up-conversion effects combined with NH ₂ -MIL-125 for improving photocatalytic NO purification and hydrogen evolution. <i>Journal of Alloys and Compounds</i> , 2022, 913, 165226.	2.8	6
6	Recovery of nickel from electroless nickel plating wastewater based on the synergy of electrocatalytic oxidation and electrodeposition technology. <i>Water Environment Research</i> , 2022, 94, .	1.3	5
7	NH ₂ -MIL-125(Ti) encapsulated with in situ-formed carbon nanodots with up-conversion effect for improving photocatalytic NO removal and H ₂ evolution. <i>Chemical Engineering Journal</i> , 2021, 420, 127643.	6.6	30
8	NH ₂ -MIL-125(Ti) with transient metal centers via novel electron transfer routes for enhancing photocatalytic NO removal and H ₂ evolution. <i>Catalysis Science and Technology</i> , 2021, 11, 6225-6233.	2.1	9
9	Oxygen Vacancy-Enhanced Ultrathin Bi ₂ O ₃ â€“Bi ₂ WO ₆ Nanosheetsâ€™ Photocatalytic Performances under Visible Light Irradiation. <i>Langmuir</i> , 2021, 37, 5049-5058.	1.6	22
10	Facile hydrothermal preparation of a ZnFe ₂ O ₄ /TiO ₂ heterojunction for NO _x removal. <i>Molecular Catalysis</i> , 2021, 507, 111570.	1.0	5
11	Neodymium oxide (Nd ₂ O ₃) coupled tubular g-C ₃ N ₄ , an efficient dual-function catalyst for photocatalytic hydrogen production and NO removal. <i>Science of the Total Environment</i> , 2021, 773, 145583.	3.9	37
12	Metal-ion-assisted construction of cyano group defects in g-C ₃ N ₄ to simultaneously degrade wastewater and produce hydrogen. <i>Chemical Engineering Journal</i> , 2021, 423, 130278.	6.6	55
13	Effects of different introduction methods of Ce ⁴⁺ and Zr ⁴⁺ on denitration performance and anti-K poisoning performance of V ₂ O ₅ -WO ₃ /TiO ₂ catalyst. <i>Journal of Rare Earths</i> , 2020, 38, 1207-1214.	2.5	22
14	BaWO ₄ /g-C ₃ N ₄ heterostructure with excellent bifunctional photocatalytic performance. <i>Chemical Engineering Journal</i> , 2020, 385, 123833.	6.6	60
15	Anionic/cationic synergistic action of insulator BaCO ₃ enhanced the photocatalytic activities of graphitic carbon nitride. <i>Applied Surface Science</i> , 2020, 528, 146924.	3.1	11
16	Simple synthesis of the novel adsorbent BaCO ₃ /g-C ₃ N ₄ for rapid and high-efficient selective removal of Crystal Violet. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 600, 124948.	2.3	9
17	Noble-metal-free cobaloxime coupled with metal-organic frameworks NH ₂ -MIL-125: A novel bifunctional photocatalyst for photocatalytic NO removal and H ₂ evolution under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2020, 399, 122824.	6.5	32
18	Novel CaCO ₃ /g-C ₃ N ₄ composites with enhanced charge separation and photocatalytic activity. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 1109-1118.	2.4	29

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19	One pot synthesis of hierarchical and porous ZnSnO ₃ nanocubes and gas sensing properties to formaldehyde. <i>Results in Physics</i> , 2019, 15, 102606.	2.0	26
20	Hydrothermal synthesis of Bi-doped SnO ₂ /rGO nanocomposites and the enhanced gas sensing performance to benzene. <i>Sensors and Actuators B: Chemical</i> , 2019, 299, 126959.	4.0	57
21	Unique electronic structure of Mg/O co-decorated amorphous carbon nitride enhances the photocatalytic tetracycline hydrochloride degradation. <i>Chinese Journal of Catalysis</i> , 2019, 40, 776-785.	6.9	13
22	Improving the denitration performance and K-poisoning resistance of the V ₂ O ₅ -WO ₃ /TiO ₂ catalyst by Ce ⁴⁺ and Zr ⁴⁺ co-doping. <i>Chinese Journal of Catalysis</i> , 2019, 40, 95-104.	6.9	50
23	In-situ polymerization for PPy/g-C ₃ N ₄ composites with enhanced visible light photocatalytic performance. <i>Chinese Journal of Catalysis</i> , 2018, 39, 831-840.	6.9	42
24	One-step preparation of a novel SrCO ₃ /g-C ₃ N ₄ nano-composite and its application in selective adsorption of crystal violet. <i>RSC Advances</i> , 2018, 8, 6315-6325.	1.7	56
25	Ultra-sensitive fluorescent and colorimetric detection of UO ₂ ²⁺ based on dual enzyme-free amplification strategies. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1920-1926.	4.0	36
26	Adsorption Removal of Various Nitrophenols in Aqueous Solution by Aminopropyl-Modified Mesoporous MCM-48. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3606-3614.	1.0	27
27	Highly Reversible Li- ⁶ Se Batteries with Ultra-Lightweight N,S-Codoped Graphene Blocking Layer. <i>Nano-Micro Letters</i> , 2018, 10, 59.	14.4	41
28	Effect of high-voltage discharge non-thermal plasma on g-C ₃ N ₄ in a plasma-photocatalyst system. <i>Chinese Journal of Catalysis</i> , 2018, 39, 1672-1682.	6.9	16
29	Graphene oxide-based fluorescent "turn-on" strategy for Hg ²⁺ detection by using catalytic hairpin assembly for amplification. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 493-498.	4.0	40
30	Ultrasensitive colorimetric and fluorometric detection of Hg(II) based on the use of gold nanoparticles and a catalytic hairpin assembly. <i>Mikrochimica Acta</i> , 2017, 184, 4741-4747.	2.5	16
31	Simultaneous fluorescent detection of multiple metal ions based on the DNAzymes and graphene oxide. <i>Analytica Chimica Acta</i> , 2017, 986, 115-121.	2.6	44
32	Integrated utilization of red radish seeds for the efficient production of seed oil and sulforaphene. <i>Food Chemistry</i> , 2016, 192, 541-547.	4.2	23
33	New insights into how RGO influences the photocatalytic performance of BiOIO ₃ /RGO nanocomposites under visible and UV irradiation. <i>Journal of Colloid and Interface Science</i> , 2015, 447, 16-24.	5.0	71
34	Preparation of 2D hydroxyl-rich carbon nitride nanosheets for photocatalytic reduction of CO ₂ . <i>RSC Advances</i> , 2015, 5, 33254-33261.	1.7	109
35	Phenyl VOCs catalytic combustion on supported CoMn/AC oxide catalyst. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 932-941.	2.9	102
36	Growth of g-C ₃ N ₄ Layer on Commercial TiO ₂ for Enhanced Visible Light Photocatalytic Activity. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-8.	1.5	21

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37	Tuning the Morphological Structure and Photocatalytic Activity of Nitrogen-Doped (BiO) ₂ CO ₃ by the Hydrothermal Temperature. Journal of Nanomaterials, 2014, 2014, 1-10.	1.5	6
38	Synthesis of mesoporous polymeric carbon nitride exhibiting enhanced and durable visible light photocatalytic performance. Science Bulletin, 2014, 59, 688-698.	1.7	33
39	Hydrothermal synthesis and gas-sensing properties of ultrathin hexagonal ZnO nanosheets. Ceramics International, 2014, 40, 2295-2298.	2.3	73
40	Effects of the structure of Ce ³⁺ -Cu catalysts on the catalytic combustion of toluene in air. Ceramics International, 2013, 39, 3677-3683.	2.3	41
41	Hydrothermal formation of N-doped (BiO) ₂ CO ₃ honeycomb-like microspheres photocatalysts with bismuth citrate and dicyandiamide as precursors. Journal of Colloid and Interface Science, 2013, 408, 33-42.	5.0	55
42	Ammonia induced formation of N-doped (BiO) ₂ CO ₃ hierarchical microspheres: the effect of hydrothermal temperature on the morphology and photocatalytic activity. CrystEngComm, 2013, 15, 10522.	1.3	26
43	(NH ₄) ₂ CO ₃ mediated hydrothermal synthesis of N-doped (BiO) ₂ CO ₃ hollow nanoplates microspheres as high-performance and durable visible light photocatalyst for air cleaning. Chemical Engineering Journal, 2013, 214, 198-207.	6.6	83
44	A Cost-Effective Solid-State Approach to Synthesize g-C ₃ N ₄ Coated TiO ₂ Nanocomposites with Enhanced Visible Light Photocatalytic Activity. International Journal of Photoenergy, 2013, 2013, 1-7.	1.4	21
45	Influence of structure of activated carbon with superhigh specific surface area on hydrogen storage capacity. Journal of Materials Research, 2013, 28, 605-610.	1.2	9
46	Enhanced Visible Light Photocatalytic Activity of V ₂ O ₅ Cluster Modified N-Doped TiO ₂ for Degradation of Toluene in Air. International Journal of Photoenergy, 2012, 2012, 1-10.	1.4	35
47	One-pot template-free synthesis, growth mechanism and enhanced photocatalytic activity of monodisperse (BiO) ₂ CO ₃ hierarchical hollow microspheres self-assembled with single-crystalline nanosheets. CrystEngComm, 2012, 14, 3534.	1.3	79
48	Facile transformation of low cost thiourea into nitrogen-rich graphitic carbon nitride nanocatalyst with high visible light photocatalytic performance. Catalysis Science and Technology, 2012, 2, 1332.	2.1	253
49	Novel in Situ N-Doped (BiO) ₂ CO ₃ Hierarchical Microspheres Self-Assembled by Nanosheets as Efficient and Durable Visible Light Driven Photocatalyst. Langmuir, 2012, 28, 766-773.	1.6	218
50	Room temperature synthesis and highly enhanced visible light photocatalytic activity of porous BiO/BiOCl composites nanoplates microflowers. Journal of Hazardous Materials, 2012, 219-220, 26-34.	6.5	333
51	Template-free fabrication and growth mechanism of uniform (BiO) ₂ CO ₃ hierarchical hollow microspheres with outstanding photocatalytic activities under both UV and visible light irradiation. Journal of Materials Chemistry, 2011, 21, 12428.	6.7	142
52	Efficient synthesis of polymeric g-C ₃ N ₄ layered materials as novel efficient visible light driven photocatalysts. Journal of Materials Chemistry, 2011, 21, 15171.	6.7	940
53	Sol-gel preparation and enhanced photocatalytic performance of Cu-doped ZnO nanoparticles. Applied Surface Science, 2011, 258, 1587-1591.	3.1	286
54	Rose-like monodisperse bismuth subcarbonate hierarchical hollow microspheres: One-pot template-free fabrication and excellent visible light photocatalytic activity and photochemical stability for NO removal in indoor air. Journal of Hazardous Materials, 2011, 195, 346-354.	6.5	151

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55	Supersaturation Control Growth of Nanoparticle ZnO and Size Distribution Control. Chinese Journal of Chemical Physics, 2007, 20, 811-815.	0.6	4
56	Photocatalytic Characteristics of Nano TiO ₂ Doped by Iron (III) and Nitrogen. Advanced Materials Research, 0, 148-149, 1623-1628.	0.3	0