

Min Fu

List of Publications by Year in descending order

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56
papers

3,973
citations

172207

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155451

55
g-index

56
all docs

56
docs citations

56
times ranked

4803
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Room temperature synthesis and highly enhanced visible light photocatalytic activity of porous BiOI/BiOCl composites nanoplates microflowers. Journal of Hazardous Materials, 2012, 219-220, 26-34.	6.5	333
3	Sol-gel preparation and enhanced photocatalytic performance of Cu-doped ZnO nanoparticles. Applied Surface Science, 2011, 258, 1587-1591.	3.1	286
4	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
5	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
6	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
7	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
8	Preparation of 2D hydroxyl-rich carbon nitride nanosheets for photocatalytic reduction of CO ₂ . RSC Advances, 2015, 5, 33254-33261.	1.7	109
9	Phenyl VOCs catalytic combustion on supported CoMn/AC oxide catalyst. Journal of Industrial and Engineering Chemistry, 2015, 21, 932-941.	2.9	102
10	(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
11	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
12	Hydrothermal synthesis and gas-sensing properties of ultrathin hexagonal ZnO nanosheets. Ceramics International, 2014, 40, 2295-2298.	2.3	73
13	New insights into how RGO influences the photocatalytic performance of BiOI ₃ /RGO nanocomposites under visible and UV irradiation. Journal of Colloid and Interface Science, 2015, 447, 16-24.	5.0	71
14	BaWO ₄ /g-C ₃ N ₄ heterostructure with excellent bifunctional photocatalytic performance. Chemical Engineering Journal, 2020, 385, 123833.	6.6	60
15	Hydrothermal synthesis of Bi-doped SnO ₂ /rGO nanocomposites and the enhanced gas sensing performance to benzene. Sensors and Actuators B: Chemical, 2019, 299, 126959.	4.0	57
16	One-step preparation of a novel SrCO ₃ /g-C ₃ N ₄ nano-composite and its application in selective adsorption of crystal violet. RSC Advances, 2018, 8, 6315-6325.	1.7	56
17	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
18	Metal-ion-assisted construction of cyano group defects in g-C ₃ N ₄ to simultaneously degrade wastewater and produce hydrogen. Chemical Engineering Journal, 2021, 423, 130278.	6.6	55

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19	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. Chinese Journal of Catalysis, 2019, 40, 95-104.	6.9	50
20	Simultaneous fluorescent detection of multiple metal ions based on the DNAzymes and graphene oxide. Analytica Chimica Acta, 2017, 986, 115-121.	2.6	44
21	In-situ polymerization for PPy/g-C ₃ N ₄ composites with enhanced visible light photocatalytic performance. Chinese Journal of Catalysis, 2018, 39, 831-840.	6.9	42
22	Effects of the structure of Ce ¹⁺ -Cu catalysts on the catalytic combustion of toluene in air. Ceramics International, 2013, 39, 3677-3683.	2.3	41
23	Highly Reversible Li ⁺ /Se Batteries with Ultra-Lightweight N,S-Codoped Graphene Blocking Layer. Nano-Micro Letters, 2018, 10, 59.	14.4	41
24	Graphene oxide-based fluorescent "turn-on" strategy for Hg ²⁺ detection by using catalytic hairpin assembly for amplification. Sensors and Actuators B: Chemical, 2017, 249, 493-498.	4.0	40
25	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. Science of the Total Environment, 2021, 773, 145583.	3.9	37
26	Ultra-sensitive fluorescent and colorimetric detection of UO ₂ ²⁺ based on dual enzyme-free amplification strategies. Sensors and Actuators B: Chemical, 2018, 255, 1920-1926.	4.0	36
27	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
28	Synthesis of mesoporous polymeric carbon nitride exhibiting enhanced and durable visible light photocatalytic performance. Science Bulletin, 2014, 59, 688-698.	1.7	33
29	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. Journal of Hazardous Materials, 2020, 399, 122824.	6.5	32
30	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. Chemical Engineering Journal, 2021, 420, 127643.	6.6	30
31	Novel CaCO ₃ /g-C ₃ N ₄ composites with enhanced charge separation and photocatalytic activity. Journal of Saudi Chemical Society, 2019, 23, 1109-1118.	2.4	29
32	Adsorption Removal of Various Nitrophenols in Aqueous Solution by Aminopropyl-Modified Mesoporous MCM-48. Journal of Chemical & Engineering Data, 2018, 63, 3606-3614.	1.0	27
33	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
34	One pot synthesis of hierarchical and porous ZnSnO ₃ nanocubes and gas sensing properties to formaldehyde. Results in Physics, 2019, 15, 102606.	2.0	26
35	Switching on photocatalytic NO oxidation and proton reduction of NH ₂ -MIL-125(Ti) by convenient linker defect engineering. Journal of Hazardous Materials, 2022, 430, 128468.	6.5	26
36	Integrated utilization of red radish seeds for the efficient production of seed oil and sulforaphene. Food Chemistry, 2016, 192, 541-547.	4.2	23

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37	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. Journal of Rare Earths, 2020, 38, 1207-1214.	2.5	22
38	Oxygen Vacancy-Enhanced Ultrathin Bi ₂ O ₃ â€“Bi ₂ WO ₆ Nanosheetsâ€™ Photocatalytic Performances under Visible Light Irradiation. Langmuir, 2021, 37, 5049-5058.	1.6	22
39	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
40	Growth of g-C ₃ N ₄ Layer on Commercial TiO ₂ for Enhanced Visible Light Photocatalytic Activity. Journal of Nanomaterials, 2014, 2014, 1-8.	1.5	21
41	Visible light photocatalytic abatement of tetracycline over unique Z-scheme ZnS/PI composites. Applied Surface Science, 2022, 575, 151798.	3.1	17
42	Ultrasensitive colorimetric and fluorometric detection of Hg(II) based on the use of gold nanoparticles and a catalytic hairpin assembly. Mikrochimica Acta, 2017, 184, 4741-4747.	2.5	16
43	Effect of high-voltage discharge non-thermal plasma on g-C ₃ N ₄ in a plasma-photocatalyst system. Chinese Journal of Catalysis, 2018, 39, 1672-1682.	6.9	16
44	Unique electronic structure of Mg/O co-decorated amorphous carbon nitride enhances the photocatalytic tetracycline hydrochloride degradation. Chinese Journal of Catalysis, 2019, 40, 776-785.	6.9	13
45	Tubular g-C ₃ N ₄ coupled with lanthanide oxides Yb ₂ O ₃ as a novel bifunctional photocatalystâ€™s Enhanced photocatalytic NO removal and H ₂ evolution, dual regulation and reaction pathway. Journal of Alloys and Compounds, 2022, 903, 163806.	2.8	12
46	Anionic/cationic synergistic action of insulator BaCO ₃ enhanced the photocatalytic activities of graphitic carbon nitride. Applied Surface Science, 2020, 528, 146924.	3.1	11
47	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
48	NH ₂ -MIL-125(Ti) with transient metal centers via novel electron transfer routes for enhancing photocatalytic NO removal and H ₂ evolution. Catalysis Science and Technology, 2021, 11, 6225-6233.	2.1	9
49	Simple synthesis of the novel adsorbent BaCO ₃ /g-C ₃ N ₄ for rapid and high-efficient selective removal of Crystal Violet. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 600, 124948.	2.3	9
50	Study on the degradation of tetracycline in wastewater by micro-nano bubbles activated hydrogen peroxide. Environmental Technology (United Kingdom), 2022, 43, 3580-3590.	1.2	8
51	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
52	Novel Co ²⁺ passivated carbon nanodots with up-conversion effects combined with NH ₂ -MIL-125 for improving photocatalytic NO purification and hydrogen evolution. Journal of Alloys and Compounds, 2022, 913, 165226.	2.8	6
53	Facile hydrothermal preparation of a ZnFe ₂ O ₄ /TiO ₂ heterojunction for NO _x removal. Molecular Catalysis, 2021, 507, 111570.	1.0	5
54	Recovery of nickel from electroless nickel plating wastewater based on the synergy of electrocatalytic oxidation and electrodeposition technology. Water Environment Research, 2022, 94, .	1.3	5

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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