Min Fu

List of Publications by Year
in descending order

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56 papers	3,973 citations	172457 29 h-index	155660 55 g-index
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. Environmental Technology (United Kingdom), 2022, 43, 3580-3590.	2.2	8
2	Visible light photocatalytic abatement of tetracycline over unique Z-scheme ZnS/PI composites. Applied Surface Science, 2022, 575, 151798.	6.1	17
3	Tubular g-C3N4 coupled with lanthanide oxides Yb2O3 as a novel bifunctional photocatalystï¼šEnhanced photocatalytic NO removal and H2 evolution, dual regulation and reaction pathway. Journal of Alloys and Compounds, 2022, 903, 163806.	5.5	12
4	Switching on photocatalytic NO oxidation and proton reduction of NH2-MIL-125(Ti) by convenient linker defect engineering. Journal of Hazardous Materials, 2022, 430, 128468.	12.4	26
5	Novel Co2+ passivated carbon nanodots with up-conversion effects combined with NH2-MIL-125 for improving photocatalytic NO purification and hydrogen evolution. Journal of Alloys and Compounds, 2022, 913, 165226.	5.5	6
6	Recovery of nickel from electroless nickel plating wastewater based on the synergy of electrocatalytic oxidation and electrodeposition technology. Water Environment Research, 2022, 94, .	2.7	5
7	NH2-MIL-125(Ti) encapsulated with in situ-formed carbon nanodots with up-conversion effect for improving photocatalytic NO removal and H2 evolution. Chemical Engineering Journal, 2021, 420, 127643.	12.7	30
8	NH2-MIL-125(Ti) with transient metal centers via novel electron transfer routes for enhancing photocatalytic NO removal and H2 evolution. Catalysis Science and Technology, 2021, 11, 6225-6233.	4.1	9
9	Oxygen Vacancy-Enhanced Ultrathin Bi₂O₃â€“Bi₂WO₆ Nanosheetsâ€™ Photocatalytic Performances under Visible Light Irradiation. Langmuir, 2021, 37, 5049-5058.	3.5	22
10	Facile hydrothermal preparation of a ZnFe2O4/TiO2 heterojunction for NOx removal. Molecular Catalysis, 2021, 507, 111570.	2.0	5
11	Neodymium oxide (Nd2O3) coupled tubular g-C3N4, an efficient dual-function catalyst for photocatalytic hydrogen production and NO removal. Science of the Total Environment, 2021, 773, 145583.	8.0	37
12	Metal-ion-assisted construction of cyano group defects in g-C3N4 to simultaneously degrade wastewater and produce hydrogen. Chemical Engineering Journal, 2021, 423, 130278.	12.7	55
13	Effects of different introduction methods of Ce4+ and Zr4+ on denitration performance and anti-K poisoning performance of V2O5-WO3/TiO2 catalyst. Journal of Rare Earths, 2020, 38, 1207-1214.	4.8	22
14	BaWO4/g-C3N4 heterostructure with excellent bifunctional photocatalytic performance. Chemical Engineering Journal, 2020, 385, 123833.	12.7	60
15	Anionic/cationic synergistic action of insulator BaCO3 enhanced the photocatalytic activities of graphitic carbon nitride. Applied Surface Science, 2020, 528, 146924.	6.1	11
16	Simple synthesis of the novel adsorbent BaCO3/g-C3N4 for rapid and high-efficient selective removal of Crystal Violet. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 600, 124948.	4.7	9
17	Noble-metal-free cobaloxime coupled with metal-organic frameworks NH2-MIL-125: A novel bifunctional photocatalyst for photocatalytic NO removal and H2 evolution under visible light irradiation. Journal of Hazardous Materials, 2020, 399, 122824.	12.4	32
18	Novel CaCO3/g-C3N4 composites with enhanced charge separation and photocatalytic activity. Journal of Saudi Chemical Society, 2019, 23, 1109-1118.	5.2	29

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19	One pot synthesis of hierarchical and porous ZnSnO3 nanocubes and gas sensing properties to formaldehyde. Results in Physics, 2019, 15, 102606.	4.1	26
20	Hydrothermal synthesis of Bi-doped SnO2/rGO nanocomposites and the enhanced gas sensing performance to benzene. Sensors and Actuators B: Chemical, 2019, 299, 126959.	7.8	57
21	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.	14.0	13
22	Improving the denitration performance and K-poisoning resistance of the V2O5-WO3/TiO2 catalyst by Ce4+ and Zr4+ co-doping. Chinese Journal of Catalysis, 2019, 40, 95-104.	14.0	50
23	In-situ polymerization for PPy/g-C3N4 composites with enhanced visible light photocatalytic performance. Chinese Journal of Catalysis, 2018, 39, 831-840.	14.0	42
24	One-step preparation of a novel SrCO₃/g-C₃N₄ nano-composite and its application in selective adsorption of crystal violet. RSC Advances, 2018, 8, 6315-6325.	3.6	56
25	Ultra-sensitive fluorescent and colorimetric detection of UO22+ based on dual enzyme-free amplification strategies. Sensors and Actuators B: Chemical, 2018, 255, 1920-1926.	7.8	36
26	Adsorption Removal of Various Nitrophenols in Aqueous Solution by Aminopropyl-Modified Mesoporous MCM-48. Journal of Chemical & Engineering Data, 2018, 63, 3606-3614.	1.9	27
27	Highly Reversible Liâ€“Se Batteries with Ultra-Lightweight N,S-Codoped Graphene Blocking Layer. Nano-Micro Letters, 2018, 10, 59.	27.0	41
28	Effect of high-voltage discharge non-thermal plasma on g-C3N4 in a plasma-photocatalyst system. Chinese Journal of Catalysis, 2018, 39, 1672-1682.	14.0	16
29	Graphene oxide-based fluorescent â€œturn-onâ€•strategy for Hg2+ detection by using catalytic hairpin assembly for amplification. Sensors and Actuators B: Chemical, 2017, 249, 493-498.	7.8	40
30	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.	5.0	16
31	Simultaneous fluorescent detection of multiple metal ions based on the DNAzymes and graphene oxide. Analytica Chimica Acta, 2017, 986, 115-121.	5.4	44
32	Integrated utilization of red radish seeds for the efficient production of seed oil and sulforaphene. Food Chemistry, 2016, 192, 541-547.	8.2	23
33	New insights into how RGO influences the photocatalytic performance of BiOIO3/RGO nanocomposites under visible and UV irradiation. Journal of Colloid and Interface Science, 2015, 447, 16-24.	9.4	71
34	Preparation of 2D hydroxyl-rich carbon nitride nanosheets for photocatalytic reduction of CO₂. RSC Advances, 2015, 5, 33254-33261.	3.6	109
35	Phenyl VOCs catalytic combustion on supported CoMn/AC oxide catalyst. Journal of Industrial and Engineering Chemistry, 2015, 21, 932-941.	5.8	102
36	Growth of g-C₃N₄Layer on Commercial TiO₂for Enhanced Visible Light Photocatalytic Activity. Journal of Nanomaterials, 2014, 2014, 1-8.	2.7	21

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37	Tuning the Morphological Structure and Photocatalytic Activity of Nitrogen-Doped (BiO)₂CO₃by the Hydrothermal Temperature. Journal of Nanomaterials, 2014, 2014, 1-10.	2.7	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.	4.8	73
40	Effects of the structure of Ceî—¸Cu catalysts on the catalytic combustion of toluene in air. Ceramics International, 2013, 39, 3677-3683.	4.8	41
41	Hydrothermal formation of N-doped (BiO)2CO3 honeycomb-like microspheres photocatalysts with bismuth citrate and dicyandiamide as precursors. Journal of Colloid and Interface Science, 2013, 408, 33-42.	9.4	55
42	Ammonia induced formation of N-doped (BiO)2CO3 hierarchical microspheres: the effect of hydrothermal temperature on the morphology and photocatalytic activity. CrystEngComm, 2013, 15, 10522.	2.6	26
43	(NH4)2CO3 mediated hydrothermal synthesis of N-doped (BiO)2CO3 hollow nanoplates microspheres as high-performance and durable visible light photocatalyst for air cleaning. Chemical Engineering Journal, 2013, 214, 198-207.	12.7	83
44	A Cost-Effective Solid-State Approach to Synthesize g-C₃N₄Coated TiO₂Nanocomposites with Enhanced Visible Light Photocatalytic Activity. International Journal of Photoenergy, 2013, 2013, 1-7.	2.5	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.	2.6	9
46	Enhanced Visible Light Photocatalytic Activity ofV2O5Cluster Modified N-DopedTiO2for Degradation of Toluene in Air. International Journal of Photoenergy, 2012, 2012, 1-10.	2.5	35
47	One-pot template-free synthesis, growth mechanism and enhanced photocatalytic activity of monodisperse (BiO)2CO3 hierarchical hollow microspheres self-assembled with single-crystalline nanosheets. CrystEngComm, 2012, 14, 3534.	2.6	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.	4.1	253
49	Novel in Situ N-Doped (BiO)₂CO₃ Hierarchical Microspheres Self-Assembled by Nanosheets as Efficient and Durable Visible Light Driven Photocatalyst. Langmuir, 2012, 28, 766-773.	3.5	218
50	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.	12.4	333
51	Template-free fabrication and growth mechanism of uniform (BiO)2CO3 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-C3N4 layered materials as novel efficient visible light driven photocatalysts. Journal of Materials Chemistry, 2011, 21, 15171.	6.7	940
53	Solâ€“gel preparation and enhanced photocatalytic performance of Cu-doped ZnO nanoparticles. Applied Surface Science, 2011, 258, 1587-1591.	6.1	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.	12.4	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.	1.3	4
56	Photocatalytic Characteristics of Nano TiO₂ Doped by Iron (III) and Nitrogen. Advanced Materials Research, 0, 148-149, 1623-1628.	0.3	0