Wen-Dong Zhang

List of Publications by Year
in descending order

23 papers	1,440 citations	361413 20 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1830 citing authors

#	Article	IF	Citations
1	Bi Cocatalyst/Bi₂MoO₆ Microspheres Nanohybrid with SPR-Promoted Visible-Light Photocatalysis. Journal of Physical Chemistry C, 2016, 120, 11889-11898.	3.1	212
2	Visible-Light Photocatalytic Removal of NO in Air over BiOX (X = Cl, Br, I) Single-Crystal Nanoplates Prepared at Room Temperature. Industrial & Engineering Chemistry Research, 2013, 52, 6740-6746.	3.7	170
3	Growth of BiOBr nanosheets on C3N4 nanosheets to construct two-dimensional nanojunctions with enhanced photoreactivity for NO removal. Journal of Colloid and Interface Science, 2014, 418, 317-323.	9.4	136
4	Noble metal-free Bi nanoparticles supported on TiO₂ with plasmon-enhanced visible light photocatalytic air purification. Environmental Science: Nano, 2016, 3, 1306-1317.	4.3	114
5	Facile synthesis of organicâ€“inorganic layered nanojunctions of g-C₃N₄/(BiO)₂CO₃ as efficient visible light photocatalyst. Dalton Transactions, 2014, 43, 12026-12036.	3.3	92
6	Plasmonic Bi metal as cocatalyst and photocatalyst: The case of Bi/(BiO) 2 CO 3 and Bi particles. Journal of Colloid and Interface Science, 2017, 485, 1-10.	9.4	89
7	2D BiOCl/Bi 12 O 17 Cl 2 nanojunction: Enhanced visible light photocatalytic NO removal and in situ DRIFTS investigation. Applied Surface Science, 2018, 430, 571-577.	6.1	73
8	Solvent-assisted synthesis of porous g-C 3 N 4 with efficient visible-light photocatalytic performance for NO removal. Chinese Journal of Catalysis, 2017, 38, 372-378.	14.0	67
9	Facile synthesis of Bi12O17Br2 and Bi4O5Br2 nanosheets: In situ DRIFTS investigation of photocatalytic NO oxidation conversion pathway. Chinese Journal of Catalysis, 2017, 38, 2030-2038.	14.0	56
10	Ag/AgCl nanoparticles assembled on BiOCl/Bi12O17Cl2 nanosheets: Enhanced plasmonic visible light photocatalysis and in situ DRIFTS investigation. Applied Surface Science, 2018, 455, 236-243.	6.1	56
11	Pt quantum dots deposited on N-doped (BiO)₂CO₃: enhanced visible light photocatalytic NO removal and reaction pathway. Catalysis Science and Technology, 2017, 7, 1324-1332.	4.1	50
12	Efficient visible light photocatalytic NOx removal with cationic Ag clusters-grafted (BiO)2CO3 hierarchical superstructures. Journal of Hazardous Materials, 2017, 322, 223-232.	12.4	48
13	Mechanistic understanding of ternary Ag/AgCl@La(OH)₃ nanorods as novel visible light plasmonic photocatalysts. Catalysis Science and Technology, 2016, 6, 5003-5010.	4.1	37
14	Fe(<scp>iii</scp>) cluster-grafted (BiO)₂CO₃ superstructures: in situ DRIFTS investigation on IFCT-enhanced visible light photocatalytic NO oxidation. Environmental Science: Nano, 2017, 4, 604-612.	4.3	36
15	The Multiple Effects of Precursors on the Properties of Polymeric Carbon Nitride. International Journal of Photoenergy, 2013, 2013, 1-9.	2.5	32
16	Hierarchical Pd/MnO2 nanosheet array supported on Ni foam: An advanced electrode for electrocatalytic hydrodechlorination reaction. Applied Surface Science, 2020, 509, 145369.	6.1	32
17	Synergetic effect of BiOCl/Bi12O17Cl2 and MoS2: in situ DRIFTS investigation on photocatalytic NO oxidation pathway. Rare Metals, 2019, 38, 437-445.	7.1	26
18	The rapid synthesis of photocatalytic (BiO)₂CO₃ single-crystal nanosheets via an eco-friendly approach. CrystEngComm, 2014, 16, 3592-3604.	2.6	25

#	Article	IF	Citations
19	Facile synthesis of in situ phosphorus-doped g-C₃N₄ with enhanced visible light photocatalytic property for NO purification. RSC Advances, 2016, 6, 88085-88089.	3.6	24
20	Enhanced visible light catalytic activity of MoS2/TiO2/Ti photocathode by hybrid-junction. Applied Catalysis B: Environmental, 2018, 237, 416-423.	20.2	24
21	(NH₄)₂SO₄-assisted polycondensation of dicyandiamide for porous g-C₃N₄ with enhanced photocatalytic NO removal. RSC Advances, 2016, 6, 96334-96338.	3.6	19
22	Facile Synthesis of Ternary g-C3N4@BiOCl/Bi12O17Cl2 Composites With Excellent Visible Light Photocatalytic Activity for NO Removal. Frontiers in Chemistry, 2019, 7, 231.	3.6	13
23	Crystal-Structure-Dependent Photocatalytic Redox Activity and Reaction Pathways over Ga₂O₃ Polymorphs. ACS Applied Materials & Interfaces, 2021, 13, 50975-50987.	8.0	9