

# Wen-Dong Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Crystal-Structure-Dependent Photocatalytic Redox Activity and Reaction Pathways over Ga <sub>2</sub> O <sub>3</sub> Polymorphs. ACS Applied Materials & Interfaces, 2021, 13, 50975-50987.	8.0	9
2	Hierarchical Pd/MnO <sub>2</sub> nanosheet array supported on Ni foam: An advanced electrode for electrocatalytic hydrodechlorination reaction. Applied Surface Science, 2020, 509, 145369.	6.1	32
3	Facile Synthesis of Ternary g-C <sub>3</sub> N <sub>4</sub> @BiOCl/Bi <sub>2</sub> O <sub>7</sub> Cl <sub>2</sub> Composites With Excellent Visible Light Photocatalytic Activity for NO Removal. Frontiers in Chemistry, 2019, 7, 231.	3.6	13
4	Synergetic effect of BiOCl/Bi <sub>2</sub> O <sub>7</sub> Cl <sub>2</sub> and MoS <sub>2</sub> : in situ DRIFTS investigation on photocatalytic NO oxidation pathway. Rare Metals, 2019, 38, 437-445.	7.1	26
5	2D BiOCl/Bi <sub>2</sub> O <sub>7</sub> Cl <sub>2</sub> nanojunction: Enhanced visible light photocatalytic NO removal and in situ DRIFTS investigation. Applied Surface Science, 2018, 430, 571-577.	6.1	73
6	Ag/AgCl nanoparticles assembled on BiOCl/Bi <sub>2</sub> O <sub>7</sub> Cl <sub>2</sub> nanosheets: Enhanced plasmonic visible light photocatalysis and in situ DRIFTS investigation. Applied Surface Science, 2018, 455, 236-243.	6.1	56
7	Enhanced visible light catalytic activity of MoS <sub>2</sub> /TiO <sub>2</sub> /Ti photocathode by hybrid-junction. Applied Catalysis B: Environmental, 2018, 237, 416-423.	20.2	24
8	Efficient visible light photocatalytic NO <sub>x</sub> removal with cationic Ag clusters-grafted (BiO) <sub>2</sub> CO <sub>3</sub> hierarchical superstructures. Journal of Hazardous Materials, 2017, 322, 223-232.	12.4	48
9	Fe( <sup>iii</sup> ) cluster-grafted (BiO) <sub>2</sub> CO <sub>3</sub> superstructures: in situ DRIFTS investigation on IFCT-enhanced visible light photocatalytic NO oxidation. Environmental Science: Nano, 2017, 4, 604-612.	4.3	36
10	Pt quantum dots deposited on N-doped (BiO) <sub>2</sub> CO <sub>3</sub> : enhanced visible light photocatalytic NO removal and reaction pathway. Catalysis Science and Technology, 2017, 7, 1324-1332.	4.1	50
11	Solvent-assisted synthesis of porous g-C <sub>3</sub> N <sub>4</sub> with efficient visible-light photocatalytic performance for NO removal. Chinese Journal of Catalysis, 2017, 38, 372-378.	14.0	67
12	Plasmonic Bi metal as cocatalyst and photocatalyst: The case of Bi/(BiO) <sub>2</sub> CO <sub>3</sub> and Bi particles. Journal of Colloid and Interface Science, 2017, 485, 1-10.	9.4	89
13	Facile synthesis of Bi <sub>2</sub> O <sub>7</sub> Br <sub>2</sub> and Bi <sub>4</sub> O <sub>5</sub> Br <sub>2</sub> nanosheets: In situ DRIFTS investigation of photocatalytic NO oxidation conversion pathway. Chinese Journal of Catalysis, 2017, 38, 2030-2038.	14.0	56
14	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> -assisted polycondensation of dicyandiamide for porous g-C <sub>3</sub> N <sub>4</sub> with enhanced photocatalytic NO removal. RSC Advances, 2016, 6, 96334-96338.	3.6	19
15	Facile synthesis of in situ phosphorus-doped g-C <sub>3</sub> N <sub>4</sub> with enhanced visible light photocatalytic property for NO purification. RSC Advances, 2016, 6, 88085-88089.	3.6	24
16	Noble metal-free Bi nanoparticles supported on TiO <sub>2</sub> with plasmon-enhanced visible light photocatalytic air purification. Environmental Science: Nano, 2016, 3, 1306-1317.	4.3	114
17	Bi Cocatalyst/Bi <sub>2</sub> MoO <sub>6</sub> Microspheres Nanohybrid with SPR-Promoted Visible-Light Photocatalysis. Journal of Physical Chemistry C, 2016, 120, 11889-11898.	3.1	212
18	Mechanistic understanding of ternary Ag/AgCl@La(OH) <sub>3</sub> nanorods as novel visible light plasmonic photocatalysts. Catalysis Science and Technology, 2016, 6, 5003-5010.	4.1	37

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19	Growth of BiOBr nanosheets on C <sub>3</sub> N <sub>4</sub> nanosheets to construct two-dimensional nanojunctions with enhanced photoreactivity for NO removal. <i>Journal of Colloid and Interface Science</i> , 2014, 418, 317-323.	9.4	136
20	The rapid synthesis of photocatalytic (BiO) <sub>2</sub> CO <sub>3</sub> single-crystal nanosheets via an eco-friendly approach. <i>CrystEngComm</i> , 2014, 16, 3592-3604.	2.6	25
21	Facile synthesis of organic-inorganic layered nanojunctions of g-C <sub>3</sub> N <sub>4</sub> /(BiO) <sub>2</sub> CO <sub>3</sub> as efficient visible light photocatalyst. <i>Dalton Transactions</i> , 2014, 43, 12026-12036.	3.3	92
22	Visible-Light Photocatalytic Removal of NO in Air over BiOX (X = Cl, Br, I) Single-Crystal Nanoplates Prepared at Room Temperature. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 6740-6746.	3.7	170
23	The Multiple Effects of Precursors on the Properties of Polymeric Carbon Nitride. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-9.	2.5	32