Xiufang Zhang

List of Publications by Year in Descending Order

18 papers	438 citations	10 h-index	18 g-index
18 ext. papers	539 ext. citations	8.3 avg, IF	3.87 L-index

#	Paper	IF	Citations
18	Surface and pore co-functionalized ceramic membrane with nitrogen doped carbon for enhanced water treatment through coupling peroxymonosulfate activation. *Separation and Purification Technology*, **2022**, 292, 120998	8.3	0
17	Confining peroxymonosulfate activation in carbon nanotube intercalated nitrogen doped reduced graphene oxide membrane for enhanced water treatment: The role of nanoconfinement effect. *Journal of Colloid and Interface Science*, **2021**, 608, 2740-2740	9.3	4
16	Hydrothermal carbonation carbon-based photocatalysis under visible light: Modification for enhanced removal of organic pollutant and novel insight into the photocatalytic mechanism. *Journal of Hazardous Materials*, **2021**, 127821	12.8	1
15	Enhanced peroxymonosulfate activation on dual active sites of N vacancy modified g-CN under visible-light assistance and its selective removal of organic pollutants. *Science of the Total Environment*, **2021**, 756, 144139	10.2	26
14	Enhanced activation of peroxymonosulfate by nitrogen-doped graphene/TiO under photo-assistance for organic pollutants degradation: Insight into N doping mechanism. *Chemosphere*, **2020**, 244, 125526	8.4	20
13	Integration of membrane filtration and peroxymonosulfate activation on CNT@nitrogen doped carbon/Al2O3 membrane for enhanced water treatment: Insight into the synergistic mechanism. *Separation and Purification Technology*, **2020**, 252, 117479	8.3	20
12	Band structure modification of g-C3N4 for efficient heterojunction construction and enhanced photocatalytic capability under visible light irradiation. *Catalysis Communications*, **2019**, 123, 44-48	3.2	5
11	Graphitic Carbon Nitride with Carbon Vacancies for Photocatalytic Degradation of Bisphenol A. *ACS Applied Nano Materials*, **2019**, 2, 517-524	5.6	46
10	Synthesis of a hydrophilic β-sulfur/PDA composite as a metal-free photocatalyst with enhanced photocatalytic performance under visible light. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2017**, 54, 334-338	2.2	6
9	Controllable synthesis of β-sulfur spheres with hierarchical nanostructures for efficient visible-light-driven photocatalytic ability. *Applied Surface Science*, **2015**, 347, 763-768	6.7	4
8	Ultra-thin C3N4 nanosheets for rapid charge transfer in the core–shell heterojunction of β-sulfur@C3N4 for superior metal-free photocatalysis under visible light. *RSC Advances*, **2015**, 5, 15052-15058	3.7	35
7	Preparation of Mesoporous BiVO4 for Efficient Photocatalytic Degradation of RhB Under Illuminated Visible Light. *Journal of Advanced Oxidation Technologies*, **2014**, 17,		2
6	Controllable Fabrication of Ordered Mesoporous Bi2WO6and Its High Photocatalytic Activity under Visible Light. *International Journal of Photoenergy*, **2014**, 2014, 1-7	2.1	1
5	Highly ordered mesoporous BiVO4: Controllable ordering degree and super photocatalytic ability under visible light. *Microporous and Mesoporous Materials*, **2013**, 173, 175-180	5.3	39
4	Structuring porous "sponge-like" BiVO4 film for efficient photocatalysis under visible light illumination. *Journal of Colloid and Interface Science*, **2013**, 393, 126-9	9.3	15
3	Constructing graphene/InNbO4 composite with excellent adsorptivity and charge separation performance for enhanced visible-light-driven photocatalytic ability. *Applied Catalysis B: Environmental*, **2011**, 105, 237-242	21.8	74
2	Effect of Si doping on photoelectrocatalytic decomposition of phenol of BiVO4 film under visible light. *Journal of Hazardous Materials*, **2010**, 177, 914-7	12.8	53

1	Preparation of Ag doped BiVO4 film and its enhanced photoelectrocatalytic (PEC) ability of phenol degradation under visible light. *Journal of Hazardous Materials*, **2009**, 167, 911-4	12.8	87