Bentuo Xu

List of Publications by Year
in descending order

25 papers	1,485 citations	361413 20 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1632 citing authors

#	Article	IF	Citations
1	Occurrence and distribution of antibiotics in groundwater, surface water, and sediment in Xiong'an New Area, China, and their relationship with antibiotic resistance genes. Science of the Total Environment, 2022, 807, 151011.	8.0	47
2	Boosted selective catalytic nitrate reduction to ammonia on carbon/bismuth/bismuth oxide photocatalysts. Journal of Cleaner Production, 2022, 331, 129975.	9.3	21
3	Antibiotic Chlortetracycline Causes Transgenerational Immunosuppression via NF-Î²B. Environmental Science & Technology, 2022, 56, 4251-4261.	10.0	23
4	Translocation, bioaccumulation, and distribution of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in plants. IScience, 2022, 25, 104061.	4.1	27
5	The comparative toxicities of BPA, BPB, BPS, BPF, and BPAF on the reproductive neuroendocrine system of zebrafish embryos and its mechanisms. Journal of Hazardous Materials, 2021, 406, 124303.	12.4	67
6	Facile preparation of hydrophilic In₂O₃ nanospheres and rods with improved performances for photocatalytic degradation of PFOA. Environmental Science: Nano, 2021, 8, 1010-1018.	4.3	22
7	Determination of OCPs, OPPs, and 21 SVOCs in water and sediment samples in five rivers of Shenzhen, China, during the period of 2017 and 2018. Environmental Science and Pollution Research, 2021, 28, 42444-42457.	5.3	10
8	PFAS and their substitutes in groundwater: Occurrence, transformation and remediation. Journal of Hazardous Materials, 2021, 412, 125159.	12.4	137
9	Improved photocatalysis of perfluorooctanoic acid in water and wastewater by Ga2O3/UV system assisted by peroxymonosulfate. Chemosphere, 2020, 239, 124722.	8.2	55
10	Seasonal variation of antibiotics in surface water of Pudong New Area of Shanghai, China and the occurrence in typical wastewater sources. Chemosphere, 2020, 239, 124816.	8.2	53
11	Visible and UV photocatalysis of aqueous perfluorooctanoic acid by TiO2 and peroxymonosulfate: Process kinetics and mechanistic insights. Chemosphere, 2020, 243, 125366.	8.2	77
12	Zeolite synthesis from low-cost materials and environmental applications: A review. Environmental Advances, 2020, 2, 100019.	4.8	144
13	Per- and polyfluoroalkyl substances in soil and sediments: Occurrence, fate, remediation and future outlook. Science of the Total Environment, 2020, 748, 141251.	8.0	75
14	Advanced treatment technologies efficacies and mechanism of per- and poly-fluoroalkyl substances removal from water. Chemical Engineering Research and Design, 2020, 136, 1-14.	5.6	91
15	Sulfadiazine biodegradation by Phanerochaete chrysosporium: Mechanism and degradation product identification. Chemosphere, 2019, 237, 124418.	8.2	27
16	The occurrence, potential toxicity, and toxicity mechanism of bisphenol S, a substitute of bisphenol A: A critical review of recent progress. Ecotoxicology and Environmental Safety, 2019, 173, 192-202.	6.0	126
17	Occurrence of antibiotics in the main rivers of Shenzhen, China: Association with antibiotic resistance genes and microbial community. Science of the Total Environment, 2019, 653, 334-341.	8.0	100
18	Tissue bioconcentration and effects of fluoxetine in zebrafish (Danio rerio) and red crucian cap (Carassius auratus) after short-term and long-term exposure. Chemosphere, 2018, 205, 8-14.	8.2	40

#	Article	IF	Citations
19	Graphitic carbon nitride based nanocomposites for the photocatalysis of organic contaminants under visible irradiation: Progress, limitations and future directions. Science of the Total Environment, 2018, 633, 546-559.	8.0	121
20	Polybrominated diphenyl ethers (PBDEs) and hydroxylated PBDEs in human serum from Shanghai, China: a study on their presence and correlations. Environmental Science and Pollution Research, 2018, 25, 3518-3526.	5.3	29
21	Photocatalytic removal of perfluoroalkyl substances from water and wastewater: Mechanism, kinetics and controlling factors. Chemosphere, 2017, 189, 717-729.	8.2	109
22	Aquatic photolysis of hydroxylated polybromodiphenyl ethers under direct UV irradiation: a case study of 2â€²-HO-BDE-68. Environmental Science and Pollution Research, 2017, 24, 14409-14416.	5.3	5
23	Occurrence, fate, and risk assessment of selected endocrine disrupting chemicals in wastewater treatment plants and receiving river of Shanghai, China. Environmental Science and Pollution Research, 2016, 23, 25442-25450.	5.3	28
24	Chemical analysis of fish bile extracts for monitoring endocrine disrupting chemical exposure in water: Bisphenol A, alkylphenols, and norethindrone. Environmental Toxicology and Chemistry, 2016, 35, 182-190.	4.3	34
25	Monitoring of heavy metal levels in the major rivers and in residentsâ€™ blood in Zhenjiang City, China, and assessment of heavy metal elimination via urine and sweat in humans. Environmental Science and Pollution Research, 2016, 23, 11034-11045.	5.3	17