

Bentuo Xu

List of Publications by Year in descending order

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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	Zeolite synthesis from low-cost materials and environmental applications: A review. <i>Environmental Advances</i> , 2020, 2, 100019.	4.8	144
2	PFAS and their substitutes in groundwater: Occurrence, transformation and remediation. <i>Journal of Hazardous Materials</i> , 2021, 412, 125159.	12.4	137
3	The occurrence, potential toxicity, and toxicity mechanism of bisphenol S, a substitute of bisphenol A: A critical review of recent progress. <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 192-202.	6.0	126
4	Graphitic carbon nitride based nanocomposites for the photocatalysis of organic contaminants under visible irradiation: Progress, limitations and future directions. <i>Science of the Total Environment</i> , 2018, 633, 546-559.	8.0	121
5	Photocatalytic removal of perfluoroalkyl substances from water and wastewater: Mechanism, kinetics and controlling factors. <i>Chemosphere</i> , 2017, 189, 717-729.	8.2	109
6	Occurrence of antibiotics in the main rivers of Shenzhen, China: Association with antibiotic resistance genes and microbial community. <i>Science of the Total Environment</i> , 2019, 653, 334-341.	8.0	100
7	Advanced treatment technologies efficacies and mechanism of per- and poly-fluoroalkyl substances removal from water. <i>Chemical Engineering Research and Design</i> , 2020, 136, 1-14.	5.6	91
8	Visible and UV photocatalysis of aqueous perfluorooctanoic acid by TiO ₂ and peroxymonosulfate: Process kinetics and mechanistic insights. <i>Chemosphere</i> , 2020, 243, 125366.	8.2	77
9	Per- and polyfluoroalkyl substances in soil and sediments: Occurrence, fate, remediation and future outlook. <i>Science of the Total Environment</i> , 2020, 748, 141251.	8.0	75
10	The comparative toxicities of BPA, BPB, BPS, BPF, and BPAF on the reproductive neuroendocrine system of zebrafish embryos and its mechanisms. <i>Journal of Hazardous Materials</i> , 2021, 406, 124303.	12.4	67
11	Improved photocatalysis of perfluorooctanoic acid in water and wastewater by Ga ₂ O ₃ /UV system assisted by peroxymonosulfate. <i>Chemosphere</i> , 2020, 239, 124722.	8.2	55
12	Seasonal variation of antibiotics in surface water of Pudong New Area of Shanghai, China and the occurrence in typical wastewater sources. <i>Chemosphere</i> , 2020, 239, 124816.	8.2	53
13	Occurrence and distribution of antibiotics in groundwater, surface water, and sediment in Xiong'an New Area, China, and their relationship with antibiotic resistance genes. <i>Science of the Total Environment</i> , 2022, 807, 151011.	8.0	47
14	Tissue bioconcentration and effects of fluoxetine in zebrafish (<i>Danio rerio</i>) and red crucian carp (<i>Carassius auratus</i>) after short-term and long-term exposure. <i>Chemosphere</i> , 2018, 205, 8-14.	8.2	40
15	Chemical analysis of fish bile extracts for monitoring endocrine disrupting chemical exposure in water: Bisphenol A, alkylphenols, and norethindrone. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 182-190.	4.3	34
16	Polybrominated diphenyl ethers (PBDEs) and hydroxylated PBDEs in human serum from Shanghai, China: a study on their presence and correlations. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3518-3526.	5.3	29
17	Occurrence, fate, and risk assessment of selected endocrine disrupting chemicals in wastewater treatment plants and receiving river of Shanghai, China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 25442-25450.	5.3	28
18	Sulfadiazine biodegradation by <i>Phanerochaete chrysosporium</i> : Mechanism and degradation product identification. <i>Chemosphere</i> , 2019, 237, 124418.	8.2	27

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19	Translocation, bioaccumulation, and distribution of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in plants. <i>IScience</i> , 2022, 25, 104061.	4.1	27
20	Antibiotic Chlortetracycline Causes Transgenerational Immunosuppression via NF- κ B. <i>Environmental Science & Technology</i> , 2022, 56, 4251-4261.	10.0	23
21	Facile preparation of hydrophilic In ₂ O ₃ nanospheres and rods with improved performances for photocatalytic degradation of PFOA. <i>Environmental Science: Nano</i> , 2021, 8, 1010-1018.	4.3	22
22	Boosted selective catalytic nitrate reduction to ammonia on carbon/bismuth/bismuth oxide photocatalysts. <i>Journal of Cleaner Production</i> , 2022, 331, 129975.	9.3	21
23	Monitoring of heavy metal levels in the major rivers and in residents' blood in Zhenjiang City, China, and assessment of heavy metal elimination via urine and sweat in humans. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11034-11045.	5.3	17
24	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. <i>Environmental Science and Pollution Research</i> , 2021, 28, 42444-42457.	5.3	10
25	Aquatic photolysis of hydroxylated polybromodiphenyl ethers under direct UV irradiation: a case study of 2-HO-BDE-68. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14409-14416.	5.3	5