

Zhiguang Niu

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,663
citations

346980

22
h-index

325983

40
g-index

42
all docs

42
docs citations

42
times ranked

2079
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of legacy and emerging poly- and perfluoroalkyl substances in water: A case study in Tianjin (China). <i>Chemosphere</i> , 2022, 287, 132409.	4.2	19
2	Antibiotics and resistant genes in the gut of Chinese nine kinds of freshwater or marine fish. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2022, 57, 316-324.	0.7	2
3	Mobile genetic elements are the Major driver of High antibiotic resistance genes abundance in the Upper reaches of huaihe River Basin. <i>Journal of Hazardous Materials</i> , 2021, 401, 123271.	6.5	51
4	Hydrolysis characteristics and risk assessment of a widely detected emerging drinking water disinfection-by-product "2,6-dichloro-1,4-benzoquinone" in the water environment of Tianjin (China). <i>Science of the Total Environment</i> , 2021, 765, 144394.	3.9	16
5	Colonization characteristics of bacterial communities on plastic debris: The localization of immigrant bacterial communities. <i>Water Research</i> , 2021, 193, 116883.	5.3	23
6	Iodide promotes bisphenol A (BPA) halogenation during chlorination: Evidence from 30 X-BPAs (X=Cl). <i>Tj ETQq0 0.0 rgBT /Overlock 16</i>	6.5	16
7	Co-effects of biofouling and inorganic matters increased the density of environmental microplastics in the sediments of Bohai Bay coast. <i>Science of the Total Environment</i> , 2020, 717, 134431.	3.9	43
8	Antibiotic Resistance Genes in drinking water of China: Occurrence, distribution and influencing factors. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109837.	2.9	55
9	Colonization characteristics of bacterial communities on microplastics compared with ambient environments (water and sediment) in Haihe Estuary. <i>Science of the Total Environment</i> , 2020, 708, 134876.	3.9	88
10	Estuarine sediments are key hotspots of intracellular and extracellular antibiotic resistance genes: A high-throughput analysis in Haihe Estuary in China. <i>Environment International</i> , 2020, 135, 105385.	4.8	55
11	Legacy per- and polyfluoroalkyl substances (PFASs) and alternatives (short-chain analogues, F-53B). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 105</i> <i>Environment International</i> , 2020, 135, 105419.	4.8	105
12	Colonization Characteristics of Bacterial Communities on Plastic Debris Influenced by Environmental Factors and Polymer Types in the Haihe Estuary of Bohai Bay, China. <i>Environmental Science & Technology</i> , 2019, 53, 10763-10773.	4.6	148
13	Large-scale distribution of organophosphate esters (flame retardants and plasticizers) in soil from residential area across China: Implications for current level. <i>Science of the Total Environment</i> , 2019, 697, 133997.	3.9	43
14	How long-term exposure of environmentally relevant antibiotics may stimulate the growth of <i>Prorocentrum lima</i> : A probable positive factor for red tides. <i>Environmental Pollution</i> , 2019, 255, 113149.	3.7	39
15	Assessing the threats of organophosphate esters (flame retardants and plasticizers) to drinking water safety based on USEPA oral reference dose (RfD) and oral cancer slope factor (SFO). <i>Water Research</i> , 2019, 154, 84-93.	5.3	96
16	The effect of environmentally relevant emerging per- and polyfluoroalkyl substances on the growth and antioxidant response in marine <i>Chlorella</i> sp.. <i>Environmental Pollution</i> , 2019, 252, 103-109.	3.7	42
17	Occurrence and distribution of microplastics in the surface water and sediment of two typical estuaries in Bohai Bay, China. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1143-1152.	1.7	79
18	Pollution of polycyclic aromatic hydrocarbons (PAHs) in drinking water of China: Composition, distribution and influencing factors. <i>Ecotoxicology and Environmental Safety</i> , 2019, 177, 108-116.	2.9	81

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19	Threats of organophosphate esters (OPEs) in surface water to ecological system in Haihe River of China based on species sensitivity distribution model and assessment factor model. <i>Environmental Science and Pollution Research</i> , 2019, 26, 10854-10866.	2.7	26
20	Perfluoroalkyl acids in drinking water of China in 2017: Distribution characteristics, influencing factors and potential risks. <i>Environment International</i> , 2019, 123, 87-95.	4.8	69
21	Distribution, partitioning behavior and positive matrix factorization-based source analysis of legacy and emerging polyfluorinated alkyl substances in the dissolved phase, surface sediment and suspended particulate matter around coastal areas of Bohai Bay, China. <i>Environmental Pollution</i> , 2019, 246, 34-44.	3.7	93
22	The pollution level of the blaOXA-58 carbapenemase gene in coastal water and its host bacteria characteristics. <i>Environmental Pollution</i> , 2019, 244, 66-71.	3.7	12
23	The health risk levels of different age groups of residents living in the vicinity of municipal solid waste incinerator posed by PCDD/Fs in atmosphere and soil. <i>Science of the Total Environment</i> , 2018, 631-632, 81-91.	3.9	35
24	Variation pattern of terrestrial antibiotic resistances and bacterial communities in seawater/freshwater mixed microcosms. <i>Chemosphere</i> , 2018, 200, 201-208.	4.2	9
25	Implementation of USEPA RfD and SFO for improved risk assessment of organophosphate esters (organophosphate flame retardants and plasticizers). <i>Environment International</i> , 2018, 114, 21-26.	4.8	67
26	Characteristics of molecular weight distribution of dissolved organic matter in bromide-containing water and disinfection by-product formation properties during treatment processes. <i>Journal of Environmental Sciences</i> , 2018, 65, 179-189.	3.2	32
27	Leakage Rate Model of Urban Water Supply Networks Using Principal Component Regression Analysis. <i>Transactions of Tianjin University</i> , 2018, 24, 172-181.	3.3	10
28	Health risk assessment of haloacetonitriles in drinking water based on internal dose. <i>Environmental Pollution</i> , 2018, 236, 899-906.	3.7	5
29	Ecological risk assessment of microcystin-LR in the upstream section of the Haihe River based on a species sensitivity distribution model. <i>Chemosphere</i> , 2018, 193, 403-411.	4.2	23
30	Health risk assessment of trihalomethanes mixtures from daily water-related activities via multi-pathway exposure based on PBPK model. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 427-435.	2.9	17
31	Occurrence of intracellular and extracellular antibiotic resistance genes in coastal areas of Bohai Bay (China) and the factors affecting them. <i>Environmental Pollution</i> , 2018, 236, 126-136.	3.7	107
32	Did municipal solid waste landfill have obvious influence on polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (PCDD/Fs) in ambient air: A case study in East China. <i>Waste Management</i> , 2017, 62, 169-176.	3.7	19
33	Ecological risk assessment of toxic organic pollutant and heavy metals in water and sediment from a landscape lake in Tianjin City, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12301-12311.	2.7	24
34	Composition profiles, levels, distributions and ecological risk assessments of trihalomethanes in surface water from a typical estuary of Bohai Bay, China. <i>Marine Pollution Bulletin</i> , 2017, 117, 124-130.	2.3	21
35	Emission characteristic of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (PCDD/Fs) from medical waste incinerators (MWIs) in China in 2016: A comparison between higher emission levels of MWIs and lower emission levels of MWIs. <i>Environmental Pollution</i> , 2017, 221, 437-444.	3.7	40
36	Simulation of a water ecosystem in a landscape lake in Tianjin with AQUATOX: Sensitivity, calibration, validation and ecosystem prognosis. <i>Ecological Modelling</i> , 2016, 335, 54-63.	1.2	8

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37	Reservoir-type water source vulnerability assessment: a case study of the Yuqiao Reservoir, China. <i>Hydrological Sciences Journal</i> , 2016, , 1-10.	1.2	4
38	Using physiologically based pharmacokinetic models to estimate the health risk of mixtures of trihalomethanes from reclaimed water. <i>Journal of Hazardous Materials</i> , 2015, 285, 190-198.	6.5	14
39	Seismic vulnerability assessment of water supply network in Tianjin, China. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 767-775.	3.3	6
40	Eutrophication assessment and management methodology of multiple pollution sources of a landscape lake in North China. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3877-3889.	2.7	18
41	Distribution of extracellular polymeric substances in pilot-scale membrane bioreactor. <i>Transactions of Tianjin University</i> , 2010, 16, 147-151.	3.3	0
42	Evaluation model of major heavy metals pollution factors in coastal waters and sediments. , 0, 149, 335-340.		3