

Qing Wei Bu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

2,401
citations

26
h-index

48
g-index

67
ext. papers

2,867
ext. citations

8.5
avg, IF

5.26
L-index

#	Paper	IF	Citations
65	Using a fugacity model to determine the degradation rate of typical polycyclic musks in the field: A case study in the North Canal River watershed of Beijing, China. <i>Journal of Environmental Management</i> , 2022 , 302, 114096	7.9	1
64	Contribution of atmospheric deposition to halogenated polycyclic aromatic hydrocarbons in surface sediments: A validation study.. <i>Science of the Total Environment</i> , 2022 , 815, 152889	10.2	1
63	Identification of organic pollutants with potential ecological and health risks in aquatic environments: Progress and challenges. <i>Science of the Total Environment</i> , 2022 , 806, 150691	10.2	4
62	Role of hypobromous acid in the transformation of polycyclic aromatic hydrocarbons during chlorination. <i>Water Research</i> , 2021 , 207, 117787	12.5	2
61	Performance Comparison between the Specific and Baseline Prediction Models of Ecotoxicity for Pharmaceuticals: Is a Specific QSAR Model Inevitable?. <i>Journal of Chemistry</i> , 2021 , 2021, 1-8	2.3	
60	Emerging Organic Contaminants in Chinese Surface Water: Identification of Priority Pollutants. <i>Engineering</i> , 2021 ,	9.7	4
59	Transformation of Bisphenol AF during Aqueous Chlorination: Kinetics, Mechanisms, and Influence of pH. <i>ACS ES&T Water</i> , 2021 , 1, 449-458		5
58	Identifying unknown antibiotics with persistent and bioaccumulative properties and ecological risk in river water in Beijing, China. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 13515-13523	5.1	0
57	Occurrence, health risk assessment and regional impact of parent, halogenated and oxygenated polycyclic aromatic hydrocarbons in tap water. <i>Journal of Hazardous Materials</i> , 2021 , 413, 125360	12.8	6
56	A critical review on the distribution and ecological risk assessment of steroid hormones in the environment in China. <i>Science of the Total Environment</i> , 2021 , 786, 147452	10.2	13
55	Polycyclic Aromatic Hydrocarbons in Surface Water from Wuhai and Lingwu Sections of the Yellow River: Concentrations, Sources, and Ecological Risk. <i>Journal of Chemistry</i> , 2020 , 2020, 1-8	2.3	3
54	Transformation reactivity of parent polycyclic aromatic hydrocarbons and the formation trend of halogenated polycyclic aromatic hydrocarbons in the presence of bromide ion during chlorination. <i>Chemical Engineering Journal</i> , 2020 , 400, 125901	14.7	13
53	Identifying targets of potential concern by a screening level ecological risk assessment of human use pharmaceuticals in China. <i>Chemosphere</i> , 2020 , 246, 125818	8.4	11
52	Polycyclic musks in surface water and sediments from an urban catchment in the megacity Beijing, China. <i>Environmental Pollution</i> , 2020 , 263, 114548	9.3	12
51	Is Disposal of Unused Pharmaceuticals as Municipal Solid Waste by Landfilling a Good Option? A Case Study in China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020 , 105, 784-789	2.7	2
50	A new method for identifying persistent, bioaccumulative, and toxic organic pollutants in coking wastewater. <i>Chemical Engineering Research and Design</i> , 2020 , 144, 158-165	5.5	8
49	Concentrations, Spatial Distributions, and Sources of Heavy Metals in Surface Soils of the Coal Mining City Wuhai, China. <i>Journal of Chemistry</i> , 2020 , 2020, 1-10	2.3	13

48	Simultaneous determination of forty-two parent and halogenated polycyclic aromatic hydrocarbons using solid-phase extraction combined with gas chromatography-mass spectrometry in drinking water. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 181, 241-247	7	20
47	Influence of Air Pollution on Inhalation and Dermal Exposure of Human to Organophosphate Flame Retardants: A Case Study During a Prolonged Haze Episode. <i>Environmental Science & Technology</i> , 2019 , 53, 3880-3887	10.3	19
46	Occurrence and ecological risk of pharmaceuticals and personal care products (PPCPs) and pesticides in typical surface watersheds, China. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 175, 289-298	7	97
45	Polybrominated diphenyl ethers and novel brominated flame retardants in indoor dust of different microenvironments in Beijing, China. <i>Environment International</i> , 2019 , 122, 159-167	12.9	26
44	Spatial, seasonal and particle size dependent variations of PAH contamination in indoor dust and the corresponding human health risk. <i>Science of the Total Environment</i> , 2019 , 653, 423-430	10.2	31
43	Distribution and potential ecological risk of 50 phenolic compounds in three rivers in Tianjin, China. <i>Environmental Pollution</i> , 2018 , 235, 121-128	9.3	36
42	Micropollutants removal and health risk reduction in a water reclamation and ecological reuse system. <i>Water Research</i> , 2018 , 138, 272-281	12.5	45
41	Data on contents of fifty phenolic compounds in three rivers in Tianjin, China. <i>Data in Brief</i> , 2018 , 18, 124-130	1.2	2
40	Preliminary assessment on exposure of four typical populations to potentially toxic metals by means of skin wipes under the influence of haze pollution. <i>Science of the Total Environment</i> , 2018 , 613-614, 886-893	10.2	10
39	Kinetics and mechanisms of the formation of chlorinated and oxygenated polycyclic aromatic hydrocarbons during chlorination. <i>Chemical Engineering Journal</i> , 2018 , 351, 248-257	14.7	44
38	The temporal changes of the concentration level of typical toxic organics in the river sediments around Beijing. <i>Frontiers of Environmental Science and Engineering</i> , 2018 , 12, 1	5.8	7
37	The aryl hydrocarbon receptor (AhR) activity and DNA-damaging effects of chlorinated polycyclic aromatic hydrocarbons (Cl-PAHs). <i>Chemosphere</i> , 2018 , 211, 640-647	8.4	26
36	Amplification effect of haze on human exposure to halogenated flame retardants in atmospheric particulate matter and the corresponding mechanism. <i>Journal of Hazardous Materials</i> , 2018 , 359, 491-499	12.8	19
35	Derivation of aquatic predicted no-effect concentration (PNEC) for ibuprofen and sulfamethoxazole based on various toxicity endpoints and the associated risks. <i>Chemosphere</i> , 2018 , 193, 223-229	8.4	21
34	Formation of known and unknown disinfection by-products from natural organic matter fractions during chlorination, chloramination, and ozonation. <i>Science of the Total Environment</i> , 2017 , 587-588, 177-184	10.2	45
33	Characterization of the reactivity and chlorinated products of carbazole during aqueous chlorination. <i>Environmental Pollution</i> , 2017 , 225, 412-418	9.3	21
32	Spatial variations in the occurrence of potentially genotoxic disinfection by-products in drinking water distribution systems in China. <i>Environmental Pollution</i> , 2017 , 231, 1463-1468	9.3	10
31	Mechanistic insight into degradation of endocrine disrupting chemical by hydroxyl radical: An experimental and theoretical approach. <i>Environmental Pollution</i> , 2017 , 231, 1446-1452	9.3	93

30	Tracking changes in composition and amount of dissolved organic matter throughout drinking water treatment plants by comprehensive two-dimensional gas chromatography-quadrupole mass spectrometry. <i>Science of the Total Environment</i> , 2017 , 609, 123-131	10.2	13
29	Identifying unknown by-products in drinking water using comprehensive two-dimensional gas chromatography-quadrupole mass spectrometry and in silico toxicity assessment. <i>Chemosphere</i> , 2016 , 163, 535-543	8.4	31
28	Function of a landscape lake in the reduction of biotoxicity related to trace organic chemicals from reclaimed water. <i>Journal of Hazardous Materials</i> , 2016 , 318, 663-670	12.8	20
27	Brominated flame retardants (BFRs): A review on environmental contamination in China. <i>Chemosphere</i> , 2016 , 150, 479-490	8.4	144
26	Estimating the use of antibiotics for humans across China. <i>Chemosphere</i> , 2016 , 144, 1384-90	8.4	40
25	Assessing the persistence of pharmaceuticals in the aquatic environment: Challenges and needs. <i>Emerging Contaminants</i> , 2016 , 2, 145-147	5.8	49
24	Pay attention to non-wastewater emission pathways of pharmaceuticals into environments. <i>Chemosphere</i> , 2016 , 165, 515-518	8.4	20
23	Screening for over 1000 organic micropollutants in surface water and sediments in the Liaohe River watershed. <i>Chemosphere</i> , 2015 , 138, 519-25	8.4	21
22	Occurrences of pharmaceuticals in drinking water sources of major river watersheds, China. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 117, 132-40	7	92
21	Historical intake and elimination of polychlorinated biphenyls and organochlorine pesticides by the Australian population reconstructed from biomonitoring data. <i>Environment International</i> , 2015 , 74, 82-8	12.9	36
20	A high throughout semi-quantification method for screening organic contaminants in river sediments. <i>Journal of Environmental Management</i> , 2014 , 143, 135-9	7.9	15
19	Identification and ranking of the risky organic contaminants in the source water of the Danjiangkou reservoir. <i>Frontiers of Environmental Science and Engineering</i> , 2014 , 8, 42-53	5.8	14
18	Simultaneous determination of ten taste and odor compounds in drinking water by solid-phase microextraction combined with gas chromatography-mass spectrometry. <i>Journal of Environmental Sciences</i> , 2013 , 25, 2313-23	6.4	28
17	Pharmaceuticals and personal care products in the aquatic environment in China: a review. <i>Journal of Hazardous Materials</i> , 2013 , 262, 189-211	12.8	614
16	Review of Screening Systems for Prioritizing Chemical Substances. <i>Critical Reviews in Environmental Science and Technology</i> , 2013 , 43, 1011-1041	11.1	30
15	Phenol removal efficiencies of sewage treatment processes and ecological risks associated with phenols in effluents. <i>Journal of Hazardous Materials</i> , 2012 , 217-218, 286-92	12.8	31
14	Retinoid X receptor activities of source waters in China and their removal efficiencies during drinking water treatment processes. <i>Science Bulletin</i> , 2012 , 57, 595-600		10
13	Levels, distribution, and health risk of phthalate esters in urban soils of Beijing, China. <i>Journal of Environmental Quality</i> , 2011 , 40, 1643-51	3.4	46

12	Contrasting effects of black carbon amendments on PAH bioaccumulation by <i>Chironomus plumosus</i> larvae in two distinct sediments: role of water absorption and particle ingestion. <i>Environmental Pollution</i> , 2011 , 159, 1905-13	9.3	34
11	A gas chromatography/mass spectrometry method for the simultaneous analysis of 50 phenols in wastewater using deconvolution technology. <i>Science Bulletin</i> , 2011 , 56, 275-284		15
10	Dibutyl phthalate contributes to the thyroid receptor antagonistic activity in drinking water processes. <i>Environmental Science & Technology</i> , 2010 , 44, 6863-8	10.3	67
9	Distribution and sources of DDTs in urban soils with six types of land use in Beijing, China. <i>Journal of Hazardous Materials</i> , 2010 , 174, 100-7	12.8	39
8	Screening level ecological risk assessment for phenols in surface water of the Taihu Lake. <i>Chemosphere</i> , 2010 , 80, 998-1005	8.4	58
7	Polycyclic aromatic hydrocarbons in soils of Beijing and Tianjin region: vertical distribution, correlation with TOC and transport mechanism. <i>Journal of Environmental Sciences</i> , 2009 , 21, 675-85	6.4	46
6	Vertical distribution and environmental significance of PAHs in soil profiles in Beijing, China. <i>Environmental Geochemistry and Health</i> , 2009 , 31, 119-31	4.7	33
5	Levels of six estrogens in water and sediment from three rivers in Tianjin area, China. <i>Chemosphere</i> , 2009 , 76, 36-42	8.4	160
4	Vertical distribution and environmental significance of sulfur and oxygen heterocyclic aromatic hydrocarbons in soil samples collected from Beijing, China. <i>Environmental Pollution</i> , 2008 , 153, 457-67	9.3	11
3	The effects of different electron donors on anaerobic nitrogen transformations and denitrification processes in Lake Taihu sediments. <i>Hydrobiologia</i> , 2007 , 581, 71-77	2.4	11
2	Distribution and origin of biologically available phosphorus in the water of the Meiliang Bay in summer. <i>Science in China Series D: Earth Sciences</i> , 2006 , 49, 146-153		2
1	The effects of carbon substrates for PAHs degradation and microbial community structure changing in anaerobic sediments of Taihu Lake. <i>Diqiu Huaxue</i> , 2006 , 25, 183-183		1