Qing Wei Bu

List of Publications by Citations

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	Pharmaceuticals and personal care products in the aquatic environment in China: a review. *Journal of Hazardous Materials*, **2013**, 262, 189-211	12.8	614
64	Levels of six estrogens in water and sediment from three rivers in Tianjin area, China. *Chemosphere*, **2009**, 76, 36-42	8.4	160
63	Brominated flame retardants (BFRs): A review on environmental contamination in China. *Chemosphere*, **2016**, 150, 479-490	8.4	144
62	Occurrence and ecological risk of pharmaceuticals and personal care products (PPCPs) and pesticides in typical surface watersheds, China. *Ecotoxicology and Environmental Safety*, **2019**, 175, 289-298	7	97
61	Mechanistic insight into degradation of endocrine disrupting chemical by hydroxyl radical: An experimental and theoretical approach. *Environmental Pollution*, **2017**, 231, 1446-1452	9.3	93
60	Occurrences of pharmaceuticals in drinking water sources of major river watersheds, China. *Ecotoxicology and Environmental Safety*, **2015**, 117, 132-40	7	92
59	Dibutyl phthalate contributes to the thyroid receptor antagonistic activity in drinking water processes. *Environmental Science & Technology*, **2010**, 44, 6863-8	10.3	67
58	Screening level ecological risk assessment for phenols in surface water of the Taihu Lake. *Chemosphere*, **2010**, 80, 998-1005	8.4	58
57	Assessing the persistence of pharmaceuticals in the aquatic environment: Challenges and needs. *Emerging Contaminants*, **2016**, 2, 145-147	5.8	49
56	Levels, distribution, and health risk of phthalate esters in urban soils of Beijing, China. *Journal of Environmental Quality*, **2011**, 40, 1643-51	3.4	46
55	Polycyclic aromatic hydrocarbons in soils of Beijing and Tianjin region: vertical distribution, correlation with TOC and transport mechanism. *Journal of Environmental Sciences*, **2009**, 21, 675-85	6.4	46
54	Formation of known and unknown disinfection by-products from natural organic matter fractions during chlorination, chloramination, and ozonation. *Science of the Total Environment*, **2017**, 587-588, 177-184	10.2	45
53	Micropollutants removal and health risk reduction in a water reclamation and ecological reuse system. *Water Research*, **2018**, 138, 272-281	12.5	45
52	Kinetics and mechanisms of the formation of chlorinated and oxygenated polycyclic aromatic hydrocarbons during chlorination. *Chemical Engineering Journal*, **2018**, 351, 248-257	14.7	44
51	Estimating the use of antibiotics for humans across China. *Chemosphere*, **2016**, 144, 1384-90	8.4	40
50	Distribution and sources of DDTs in urban soils with six types of land use in Beijing, China. *Journal of Hazardous Materials*, **2010**, 174, 100-7	12.8	39
49	Distribution and potential ecological risk of 50 phenolic compounds in three rivers in Tianjin, China. *Environmental Pollution*, **2018**, 235, 121-128	9.3	36

48	Historical intake and elimination of polychlorinated biphenyls and organochlorine pesticides by the Australian population reconstructed from biomonitoring data. *Environment International*, **2015**, 74, 82-8	12.9	36
47	Contrasting effects of black carbon amendments on PAH bioaccumulation by Chironomus plumosus larvae in two distinct sediments: role of water absorption and particle ingestion. *Environmental Pollution*, **2011**, 159, 1905-13	9.3	34
46	Vertical distribution and environmental significance of PAHs in soil profiles in Beijing, China. *Environmental Geochemistry and Health*, **2009**, 31, 119-31	4.7	33
45	Identifying unknown by-products in drinking water using comprehensive two-dimensional gas chromatography-quadrupole mass spectrometry and in silico toxicity assessment. *Chemosphere*, **2016**, 163, 535-543	8.4	31
44	Phenol removal efficiencies of sewage treatment processes and ecological risks associated with phenols in effluents. *Journal of Hazardous Materials*, **2012**, 217-218, 286-92	12.8	31
43	Spatial, seasonal and particle size dependent variations of PAH contamination in indoor dust and the corresponding human health risk. *Science of the Total Environment*, **2019**, 653, 423-430	10.2	31
42	Review of Screening Systems for Prioritizing Chemical Substances. *Critical Reviews in Environmental Science and Technology*, **2013**, 43, 1011-1041	11.1	30
41	Simultaneous determination of ten taste and odor compounds in drinking water by solid-phase microextraction combined with gas chromatography-mass spectrometry. *Journal of Environmental Sciences*, **2013**, 25, 2313-23	6.4	28
40	The aryl hydrocarbon receptor (AhR) activity and DNA-damaging effects of chlorinated polycyclic aromatic hydrocarbons (Cl-PAHs). *Chemosphere*, **2018**, 211, 640-647	8.4	26
39	Polybrominated diphenyl ethers and novel brominated flame retardants in indoor dust of different microenvironments in Beijing, China. *Environment International*, **2019**, 122, 159-167	12.9	26
38	Characterization of the reactivity and chlorinated products of carbazole during aqueous chlorination. *Environmental Pollution*, **2017**, 225, 412-418	9.3	21
37	Screening for over 1000 organic micropollutants in surface water and sediments in the Liaohe River watershed. *Chemosphere*, **2015**, 138, 519-25	8.4	21
36	Derivation of aquatic predicted no-effect concentration (PNEC) for ibuprofen and sulfamethoxazole based on various toxicity endpoints and the associated risks. *Chemosphere*, **2018**, 193, 223-229	8.4	21
35	Simultaneous determination of forty-two parent and halogenated polycyclic aromatic hydrocarbons using solid-phase extraction combined with gas chromatography-mass spectrometry in drinking water. *Ecotoxicology and Environmental Safety*, **2019**, 181, 241-247	7	20
34	Function of a landscape lake in the reduction of biotoxicity related to trace organic chemicals from reclaimed water. *Journal of Hazardous Materials*, **2016**, 318, 663-670	12.8	20
33	Pay attention to non-wastewater emission pathways of pharmaceuticals into environments. *Chemosphere*, **2016**, 165, 515-518	8.4	20
32	Influence of Air Pollution on Inhalation and Dermal Exposure of Human to Organophosphate Flame Retardants: A Case Study During a Prolonged Haze Episode. *Environmental Science & Technology*, **2019**, 53, 3880-3887	10.3	19
31	Amplification effect of haze on human exposure to halogenated flame retardants in atmospheric particulate matter and the corresponding mechanism. *Journal of Hazardous Materials*, **2018**, 359, 491-499	12.8	19

30	A high throughout semi-quantification method for screening organic contaminants in river sediments. *Journal of Environmental Management*, **2014**, 143, 135-9	7.9	15
29	A gas chromatography/mass spectrometry method for the simultaneous analysis of 50 phenols in wastewater using deconvolution technology. *Science Bulletin*, **2011**, 56, 275-284		15
28	Identification and ranking of the risky organic contaminants in the source water of the Danjiangkou reservoir. *Frontiers of Environmental Science and Engineering*, **2014**, 8, 42-53	5.8	14
27	Transformation reactivity of parent polycyclic aromatic hydrocarbons and the formation trend of halogenated polycyclic aromatic hydrocarbons in the presence of bromide ion during chlorination. *Chemical Engineering Journal*, **2020**, 400, 125901	14.7	13
26	Tracking changes in composition and amount of dissolved organic matter throughout drinking water treatment plants by comprehensive two-dimensional gas chromatography-quadrupole mass spectrometry. *Science of the Total Environment*, **2017**, 609, 123-131	10.2	13
25	Concentrations, Spatial Distributions, and Sources of Heavy Metals in Surface Soils of the Coal Mining City Wuhai, China. *Journal of Chemistry*, **2020**, 2020, 1-10	2.3	13
24	A critical review on the distribution and ecological risk assessment of steroid hormones in the environment in China. *Science of the Total Environment*, **2021**, 786, 147452	10.2	13
23	Polycyclic musks in surface water and sediments from an urban catchment in the megacity Beijing, China. *Environmental Pollution*, **2020**, 263, 114548	9.3	12
22	Identifying targets of potential concern by a screening level ecological risk assessment of human use pharmaceuticals in China. *Chemosphere*, **2020**, 246, 125818	8.4	11
21	Vertical distribution and environmental significance of sulfur and oxygen heterocyclic aromatic hydrocarbons in soil samples collected from Beijing, China. *Environmental Pollution*, **2008**, 153, 457-67	9.3	11
20	The effects of different electron donors on anaerobic nitrogen transformations and denitrification processes in Lake Taihu sediments. *Hydrobiologia*, **2007**, 581, 71-77	2.4	11
19	Spatial variations in the occurrence of potentially genotoxic disinfection by-products in drinking water distribution systems in China. *Environmental Pollution*, **2017**, 231, 1463-1468	9.3	10
18	Preliminary assessment on exposure of four typical populations to potentially toxic metals by means of skin wipes under the influence of haze pollution. *Science of the Total Environment*, **2018**, 613-614, 886-893	10.2	10
17	Retinoid X receptor activities of source waters in China and their removal efficiencies during drinking water treatment processes. *Science Bulletin*, **2012**, 57, 595-600		10
16	A new method for identifying persistent, bioaccumulative, and toxic organic pollutants in coking wastewater. *Chemical Engineering Research and Design*, **2020**, 144, 158-165	5.5	8
15	The temporal changes of the concentration level of typical toxic organics in the river sediments around Beijing. *Frontiers of Environmental Science and Engineering*, **2018**, 12, 1	5.8	7
14	Occurrence, health risk assessment and regional impact of parent, halogenated and oxygenated polycyclic aromatic hydrocarbons in tap water. *Journal of Hazardous Materials*, **2021**, 413, 125360	12.8	6
13	Transformation of Bisphenol AF during Aqueous Chlorination: Kinetics, Mechanisms, and Influence of pH. *ACS ES&T Water*, **2021**, 1, 449-458		5

List of Publications

12	Emerging Organic Contaminants in Chinese Surface Water: Identification of Priority Pollutants. *Engineering*, **2021**,	9.7	4
11	Identification of organic pollutants with potential ecological and health risks in aquatic environments: Progress and challenges. *Science of the Total Environment*, **2022**, 806, 150691	10.2	4
10	Polycyclic Aromatic Hydrocarbons in Surface Water from Wuhai and Lingwu Sections of the Yellow River: Concentrations, Sources, and Ecological Risk. *Journal of Chemistry*, **2020**, 2020, 1-8	2.3	3
9	Data on contents of fifty phenolic compounds in three rivers in Tianjin, China. *Data in Brief*, **2018**, 18, 124-130	1.2	2
8	Distribution and origin of biologically available phosphorus in the water of the Meiliang Bay in summer. *Science in China Series D: Earth Sciences*, **2006**, 49, 146-153		2
7	Role of hypobromous acid in the transformation of polycyclic aromatic hydrocarbons during chlorination. *Water Research*, **2021**, 207, 117787	12.5	2
6	Is Disposal of Unused Pharmaceuticals as Municipal Solid Waste by Landfilling a Good Option? A Case Study in China. *Bulletin of Environmental Contamination and Toxicology*, **2020**, 105, 784-789	2.7	2
5	The effects of carbon substrates for PAHs degradation and microbial community structure changing in anaerobic sediments of Taihu Lake. *Diqiu Huaxue*, **2006**, 25, 183-183		1
4	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. *Journal of Environmental Management*, **2022**, 302, 114096	7.9	1
3	Contribution of atmospheric deposition to halogenated polycyclic aromatic hydrocarbons in surface sediments: A validation study.. *Science of the Total Environment*, **2022**, 815, 152889	10.2	1
2	Identifying unknown antibiotics with persistent and bioaccumulative properties and ecological risk in river water in Beijing, China. *Environmental Science and Pollution Research*, **2021**, 28, 13515-13523	5.1	0
1	Performance Comparison between the Specific and Baseline Prediction Models of Ecotoxicity for Pharmaceuticals: Is a Specific QSAR Model Inevitable?. *Journal of Chemistry*, **2021**, 2021, 1-8	2.3	