

# Bowen Du

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4268133/publications.pdf>

Version: 2024-02-01

21  
papers

1,966  
citations

394421

19  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1942  
citing authors

#	ARTICLE	IF	CITATIONS
1	A ubiquitous tire rubber-derived chemical induces acute mortality in coho salmon. <i>Science</i> , 2021, 371, 185-189.	12.6	504
2	Comparison of contaminants of emerging concern removal, discharge, and water quality hazards among centralized and on-site wastewater treatment system effluents receiving common wastewater influent. <i>Science of the Total Environment</i> , 2014, 466-467, 976-984.	8.0	183
3	Using High-Resolution Mass Spectrometry to Identify Organic Contaminants Linked to Urban Stormwater Mortality Syndrome in Coho Salmon. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10317-10327.	10.0	149
4	Bioaccumulation and trophic dilution of human pharmaceuticals across trophic positions of an effluent-dependent wadeable stream. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20140058.	4.0	119
5	Effects of the antihistamine diphenhydramine on selected aquatic organisms. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2065-2072.	4.3	117
6	Occurrence of Pharmaceuticals and Personal Care Products in German Fish Tissue: A National Study. <i>Environmental Science &amp; Technology</i> , 2012, 46, 9047-9054.	10.0	112
7	An exploratory investigation of various modes of action and potential adverse outcomes of fluoxetine in marine mussels. <i>Aquatic Toxicology</i> , 2014, 151, 14-26.	4.0	107
8	Comparative pharmaceutical metabolism by rainbow trout ( <i>Oncorhynchus mykiss</i> ) liver S9 fractions. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1810-1818.	4.3	96
9	Observed and modeled effects of pH on bioconcentration of diphenhydramine, a weakly basic pharmaceutical, in fathead minnows. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1425-1435.	4.3	94
10	Pharmaceutical bioaccumulation by periphyton and snails in an effluent-dependent stream during an extreme drought. <i>Chemosphere</i> , 2015, 119, 927-934.	8.2	90
11	Development of suspect and non-target screening methods for detection of organic contaminants in highway runoff and fish tissue with high-resolution time-of-flight mass spectrometry. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1185-1196.	3.5	76
12	Bioaccumulation of human pharmaceuticals in fish across habitats of a tidally influenced urban bayou. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 966-974.	4.3	65
13	A multibiomarker approach to explore interactive effects of propranolol and fluoxetine in marine mussels. <i>Environmental Pollution</i> , 2015, 205, 60-69.	7.5	43
14	Exposure and food web transfer of pharmaceuticals in ospreys ( <i>Pandion haliaetus</i> ): Predictive model and empirical data. <i>Integrated Environmental Assessment and Management</i> , 2015, 11, 118-129.	2.9	43
15	Predicted and observed therapeutic dose exceedances of ionizable pharmaceuticals in fish plasma from urban coastal systems. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 983-995.	4.3	43
16	Developing Unique Nontarget High-Resolution Mass Spectrometry Signatures to Track Contaminant Sources in Urban Waters. <i>Environmental Science and Technology Letters</i> , 2020, 7, 923-930.	8.7	32
17	An Introduction to the Benchmarking and Publications for Non-Targeted Analysis Working Group. <i>Analytical Chemistry</i> , 2021, 93, 16289-16296.	6.5	30
18	Comparative Pharmacology and Toxicology of Pharmaceuticals in the Environment: Diphenhydramine Protection of Diazinon Toxicity in <i>Danio rerio</i> but Not <i>Daphnia magna</i> . <i>AAPS Journal</i> , 2015, 17, 175-183.	4.4	26

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19	Enantiomer-Specific In Vitro Biotransformation of Select Pharmaceuticals in Rainbow Trout ( <i>Oncorhynchus mykiss</i> ). <i>Chirality</i> , 2013, 25, 763-767.	2.6	20
20	Ontogenetic dietary shifts and bioaccumulation of diphenhydramine in <i>Mugil cephalus</i> from an urban estuary. <i>Marine Environmental Research</i> , 2017, 127, 155-162.	2.5	11
21	Assessment of Mosquitofish ( <i>Gambusia affinis</i> ) Health Indicators in Relation to Domestic Wastewater Discharges in Suburbs of Houston, USA. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 93, 13-18.	2.7	6