Ling Jin

List of Publications by Year
in descending order

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54 papers	2,944 citations	201575 27 h-index	182361 51 g-index
55 all docs	55 docs citations	55 times ranked	3916 citing authors

#	Article	IF	Citations
1	Perfluorinated Compounds in Tap Water from China and Several Other Countries. Environmental Science & Technology, 2009, 43, 4824-4829.	4.6	280
2	Occurrence of organophosphate flame retardants in drinking water from China. Water Research, 2014, 54, 53-61.	5.3	249
3	PM2.5 in the Yangtze River Delta, China: Chemical compositions, seasonal variations, and regional pollution events. Environmental Pollution, 2017, 223, 200-212.	3.7	236
4	Pharmaceuticals in Tap Water: Human Health Risk Assessment and Proposed Monitoring Framework in China. Environmental Health Perspectives, 2013, 121, 839-846.	2.8	211
5	Air pollution: a global problem needs local fixes. Nature, 2019, 570, 437-439.	13.7	181
6	Non-Target and Suspect Screening of Per- and Polyfluoroalkyl Substances in Airborne Particulate Matter in China. Environmental Science & Technology, 2018, 52, 8205-8214.	4.6	133
7	Seasonal Disparities in Airborne Bacteria and Associated Antibiotic Resistance Genes in PM_{2.5} between Urban and Rural Sites. Environmental Science and Technology Letters, 2018, 5, 74-79.	3.9	116
8	Bacteria and Antibiotic Resistance Genes (ARGs) in PM_{2.5} from China: Implications for Human Exposure. Environmental Science & Technology, 2019, 53, 963-972.	4.6	111
9	Impacts of atmospheric particulate matter pollution on environmental biogeochemistry of trace metals in soil-plant system: A review. Environmental Pollution, 2019, 255, 113138.	3.7	109
10	Contributions of City-Specific Fine Particulate Matter (PM_{2.5}) to Differential In Vitro Oxidative Stress and Toxicity Implications between Beijing and Guangzhou of China. Environmental Science & Technology, 2019, 53, 2881-2891.	4.6	109
11	Effects of Perfluorooctanoic Acid on Metabolic Profiles in Brain and Liver of Mouse Revealed by a High-throughput Targeted Metabolomics Approach. Scientific Reports, 2016, 6, 23963.	1.6	88
12	Airborne particulate matter pollution in urban China: a chemical mixture perspective from sources to impacts. National Science Review, 2017, 4, 593-610.	4.6	71
13	Suspect and non-target screening of pesticides and pharmaceuticals transformation products in wastewater using QTOF-MS. Environment International, 2020, 137, 105599.	4.8	70
14	Summerâ€“winter differences of PM2.5 toxicity to human alveolar epithelial cells (A549) and the roles of transition metals. Ecotoxicology and Environmental Safety, 2018, 165, 505-509.	2.9	64
15	Spatial distribution of ciguateric fish in the Republic of Kiribati. Chemosphere, 2011, 84, 117-123.	4.2	61
16	Toxic potency-adjusted control of air pollution for solid fuel combustion. Nature Energy, 2022, 7, 194-202.	19.8	59
17	Antibiotic resistance genes (ARGs) in agricultural soils from the Yangtze River Delta, China. Science of the Total Environment, 2020, 740, 140001.	3.9	57
18	Health risk-oriented source apportionment of PM2.5-associated trace metals. Environmental Pollution, 2020, 262, 114655.	3.7	52

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19	Effects of 4-methylbenzylidene camphor (4-MBC) on neuronal and muscular development in zebrafish (Danio rerio) embryos. Environmental Science and Pollution Research, 2016, 23, 8275-8285.	2.7	49
20	Applicability of Passive Sampling to Bioanalytical Screening of Bioaccumulative Chemicals in Marine Wildlife. Environmental Science & Technology, 2013, 47, 7982-7988.	4.6	46
21	Pulmonary bioaccessibility of trace metals in PM2.5 from different megacities simulated by lung fluid extraction and DGT method. Chemosphere, 2019, 218, 915-921.	4.2	42
22	Understanding bioavailability and toxicity of sedimentâ€ɐssociated contaminants by combining passive sampling with in vitro bioassays in an urban river catchment. Environmental Toxicology and Chemistry, 2013, 32, 2888-2896.	2.2	40
23	Inhalable antibiotic resistomes emitted from hospitals: metagenomic insights into bacterial hosts, clinical relevance, and environmental risks. Microbiome, 2022, 10, 19.	4.9	39
24	Inhalable Antibiotic Resistome from Wastewater Treatment Plants to Urban Areas: Bacterial Hosts, Dissemination Risks, and Source Contributions. Environmental Science & Technology, 2022, 56, 7040-7051.	4.6	38
25	Seasonally varied cytotoxicity of organic components in PM2.5 from urban and industrial areas of a Chinese megacity. Chemosphere, 2019, 230, 424-431.	4.2	34
26	In vitro assessments of bioaccessibility and bioavailability of PM2.5 trace metals in respiratory and digestive systems and their oxidative potential. Journal of Hazardous Materials, 2021, 409, 124638.	6.5	32
27	Adaptive Stress Response Pathways Induced by Environmental Mixtures of Bioaccumulative Chemicals in Dugongs. Environmental Science & Technology, 2015, 49, 6963-6973.	4.6	29
28	Coupling passive sampling with in vitro bioassays and chemical analysis to understand combined effects of bioaccumulative chemicals in blood of marine turtles. Chemosphere, 2015, 138, 292-299.	4.2	29
29	Safety and quality of the green tide algal species Ulva prolifera for option of human consumption: A nutrition and contamination study. Chemosphere, 2018, 210, 1021-1028.	4.2	26
30	Intracellular and Extracellular Antibiotic Resistance Genes in Airborne PM_{2.5} for Respiratory Exposure in Urban Areas. Environmental Science and Technology Letters, 2021, 8, 128-134.	3.9	26
31	Heavy metals and PAHs in an open fishing area of the East China Sea:ÂMultimedia distribution, source diagnosis, and dietary risk assessment. Environmental Science and Pollution Research, 2019, 26, 21140-21150.	2.7	25
32	Polycyclic aromatic hydrocarbons in the largest deepwater port of East China Sea: impact of port construction and operation. Environmental Science and Pollution Research, 2015, 22, 12355-12365.	2.7	24
33	Airborne transmission as an integral environmental dimension of antimicrobial resistance through the â€œOne Healthâ€•lens. Critical Reviews in Environmental Science and Technology, 2022, 52, 4172-4193.	6.6	24
34	Bioavailability-based assessment of aryl hydrocarbon receptor-mediated activity in Lake Tai Basin from Eastern China. Science of the Total Environment, 2016, 544, 987-994.	3.9	21
35	Perfluoroalkyl acids in the water cycle from a freshwater river basin to coastal waters in eastern China. Chemosphere, 2017, 168, 390-398.	4.2	20
36	Integrating Environmental Dimensions of â€œOne Healthâ€•to Combat Antimicrobial Resistance: Essential Research Needs. Environmental Science & Technology, 2022, 56, 14871-14874.	4.6	16

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37	Global Endeavors to Address the Health Effects of Urban Air Pollution. Environmental Science & Technology, 2022, 56, 6793-6798.	4.6	14
38	Reduced bioavailability and ecological risks of polycyclic aromatic hydrocarbons in Yangshan port of East China Sea: Remediation effectiveness in the transition from construction to operation. Science of the Total Environment, 2019, 687, 679-686.	3.9	13
39	Contribution of aquatic products consumption to total human exposure to PAHs in Eastern China: The source matters. Environmental Pollution, 2020, 266, 115339.	3.7	13
40	Aquaculture Contributes a Higher Proportion to Children's Daily Intake of Polycyclic Aromatic Hydrocarbons Than to That of Adults in Eastern China. Environmental Toxicology and Chemistry, 2019, 38, 1084-1092.	2.2	12
41	The cytotoxicity and genotoxicity of PM2.5 during a snowfall event in different functional areas of a megacity. Science of the Total Environment, 2020, 741, 140267.	3.9	12
42	Stabilization of hydrophobic organic contaminants in sediments by natural zeolites: bioavailability-based assessment of efficacy using equilibrium passive sampling. Journal of Soils and Sediments, 2019, 19, 3898-3907.	1.5	10
43	Bioanalytical Approaches to Understanding Toxicological Implications of Mixtures of Persistent Organic Pollutants in Marine Wildlife. Comprehensive Analytical Chemistry, 2015, 67, 57-84.	0.7	9
44	Equilibrium sampling informs tissue residue and sediment remediation for pyrethroid insecticides in mariculture: A laboratory demonstration. Science of the Total Environment, 2018, 616-617, 639-646.	3.9	9
45	Magnetic activated carbon (MAC) mitigates contaminant bioavailability in farm pond sediment and dietary risks in aquaculture products. Science of the Total Environment, 2020, 736, 139185.	3.9	9
46	Biodegradation of tricresyl phosphates isomers by a novel microbial consortium and the toxicity evaluation of its major products. Science of the Total Environment, 2022, 828, 154415.	3.9	7
47	In-situ biochar amendment mitigates dietary risks of heavy metals and PAHs in aquaculture products. Environmental Pollution, 2022, 308, 119615.	3.7	6
48	Correlation networks of air particulate matter ($$hbox {PM}_{2.5}$$): a comparative study. Applied Network Science, 2021, 6, 32.	0.8	5
49	On the triad of air PM pollution, pathogenic bioaerosols, and lower respiratory infection. Environmental Geochemistry and Health, 2023, 45, 1067-1077.	1.8	5
50	Applicability of Equilibrium Sampling in Informing Tissue Residues and Dietary Risks of Legacy and Currentâ€Use Organic Chemicals in Aquaculture. Environmental Toxicology and Chemistry, 2021, 40, 79-87.	2.2	1
51	Transforming Environmental Chemistry and Toxicology to Meet the Anthropocene Sustainability Challenges Beyond Silent Spring. , 2020, , 263-276.		1
52	ACS Environmental Auâ”€Gold Open Access toward a Greener Future. ACS Environmental Au, 2022, 2, 74-76.	3.3	1
53	Status and Trends of POPs in Harbor Seals from the Northwest Atlantic. , 2011, , 533-564.		0
54	Biodegradation of Tricresyl Phosphates Isomers by a Novel Microbial Consortium and the Toxicity Evaluation of its Major Products. SSRN Electronic Journal, 0, , .	0.4	0