

Lei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

4,353
citations

87723

38
h-index

110170

64
g-index

80
all docs

80
docs citations

80
times ranked

3801
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread distribution of PET and PC microplastics in dust in urban China and their estimated human exposure. <i>Environment International</i> , 2019, 128, 116-124.	4.8	315
2	Occurrence of Polyethylene Terephthalate and Polycarbonate Microplastics in Infant and Adult Feces. <i>Environmental Science and Technology Letters</i> , 2021, 8, 989-994.	3.9	184
3	Microplastics in house dust from 12 countries and associated human exposure. <i>Environment International</i> , 2020, 134, 105314.	4.8	174
4	Benzotriazole, Benzothiazole, and Benzophenone Compounds in Indoor Dust from the United States and East Asian Countries. <i>Environmental Science & Technology</i> , 2013, 47, 4752-4759.	4.6	171
5	Accumulation of 19 environmental phenolic and xenobiotic heterocyclic aromatic compounds in human adipose tissue. <i>Environment International</i> , 2015, 78, 45-50.	4.8	163
6	Occurrence and Human Exposure of <i>p</i> -Hydroxybenzoic Acid Esters (Parabens), Bisphenol A Diglycidyl Ether (BADGE), and Their Hydrolysis Products in Indoor Dust from the United States and Three East Asian Countries. <i>Environmental Science & Technology</i> , 2012, 46, 11584-11593.	4.6	161
7	Barrier function of zebrafish embryonic chorions against microplastics and nanoplastics and its impact on embryo development. <i>Journal of Hazardous Materials</i> , 2020, 395, 122621.	6.5	157
8	Benzotriazoles and benzothiazoles in human urine from several countries: A perspective on occurrence, biotransformation, and human exposure. <i>Environment International</i> , 2013, 59, 274-281.	4.8	143
9	A Simple Method for Quantifying Polycarbonate and Polyethylene Terephthalate Microplastics in Environmental Samples by Liquid Chromatography–Tandem Mass Spectrometry. <i>Environmental Science and Technology Letters</i> , 2017, 4, 530-534.	3.9	130
10	Effect of E-waste Recycling on Urinary Metabolites of Organophosphate Flame Retardants and Plasticizers and Their Association with Oxidative Stress. <i>Environmental Science & Technology</i> , 2017, 51, 2427-2437.	4.6	122
11	Characteristic Profiles of Urinary <i>p</i> -Hydroxybenzoic Acid and its Esters (Parabens) in Children and Adults from the United States and China. <i>Environmental Science & Technology</i> , 2013, 47, 2069-2076.	4.6	119
12	Characteristic Profiles of Benzophenone-3 and its Derivatives in Urine of Children and Adults from the United States and China. <i>Environmental Science & Technology</i> , 2013, 47, 12532-12538.	4.6	119
13	Occurrence and Profile Characteristics of the Pesticide Imidacloprid, Preservative Parabens, and Their Metabolites in Human Urine from Rural and Urban China. <i>Environmental Science & Technology</i> , 2015, 49, 14633-14640.	4.6	105
14	Association of urinary concentrations of bisphenols with type 2 diabetes mellitus: A case-control study. <i>Environmental Pollution</i> , 2018, 243, 1719-1726.	3.7	90
15	Organophosphate di- and tri-esters in indoor and outdoor dust from China and its implications for human exposure. <i>Science of the Total Environment</i> , 2020, 700, 134502.	3.9	88
16	Polyethylene Terephthalate and Polycarbonate Microplastics in Pet Food and Feces from the United States. <i>Environmental Science & Technology</i> , 2019, 53, 12035-12042.	4.6	84
17	Widespread Occurrence of Benzotriazoles and Benzothiazoles in Tap Water: Influencing Factors and Contribution to Human Exposure. <i>Environmental Science & Technology</i> , 2016, 50, 2709-2717.	4.6	81
18	Polyethylene Terephthalate and Polycarbonate Microplastics in Sewage Sludge Collected from the United States. <i>Environmental Science and Technology Letters</i> , 2019, 6, 650-655.	3.9	76

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19	A nationwide survey of 19 organophosphate esters in soils from China: Spatial distribution and hazard assessment. <i>Science of the Total Environment</i> , 2019, 671, 528-535.	3.9	75
20	Seasonal and spatial distribution of nonylphenol in Lanzhou Reach of Yellow River in China. <i>Chemosphere</i> , 2006, 65, 1445-1451.	4.2	71
21	Exposure to phthalates in patients with diabetes and its association with oxidative stress, adiponectin, and inflammatory cytokines. <i>Environment International</i> , 2017, 109, 53-63.	4.8	66
22	Behavior of Microplastics in Inland Waters: Aggregation, Settlement, and Transport. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 700-709.	1.3	65
23	Passive sampling for monitoring polar organic pollutants in water by three typical samplers. <i>Trends in Environmental Analytical Chemistry</i> , 2018, 17, 23-33.	5.3	64
24	Novel and legacy poly- and perfluoroalkyl substances (PFASs) in indoor dust from urban, industrial, and e-waste dismantling areas: The emergence of PFAS alternatives in China. <i>Environmental Pollution</i> , 2020, 263, 114461.	3.7	63
25	Effects of benzotriazole on copper accumulation and toxicity in earthworm (<i>Eisenia fetida</i>). <i>Journal of Hazardous Materials</i> , 2018, 351, 330-336.	6.5	53
26	Widespread Occurrence of Bisphenol A in Daily Clothes and Its High Exposure Risk in Humans. <i>Environmental Science & Technology</i> , 2019, 53, 7095-7102.	4.6	53
27	Comparison of Detection Methods of Microplastics in Landfill Mineralized Refuse and Selection of Degradation Degree Indexes. <i>Environmental Science & Technology</i> , 2021, 55, 13802-13811.	4.6	53
28	Distribution of Phthalate Metabolites between Paired Maternal-Fetal Samples. <i>Environmental Science & Technology</i> , 2018, 52, 6626-6635.	4.6	52
29	Chlorpyrifos exposure in farmers and urban adults: Metabolic characteristic, exposure estimation, and potential effect of oxidative damage. <i>Environmental Research</i> , 2016, 149, 164-170.	3.7	51
30	Toxicities of microplastic fibers and granules on the development of zebrafish embryos and their combined effects with cadmium. <i>Chemosphere</i> , 2021, 269, 128677.	4.2	51
31	The environment behavior of organophosphate esters (OPEs) and di-esters in wheat (<i>Triticum aestivum</i>) Tj ETQq1 1 0.784314 rgBT /C 2020, 135, 105405.	4.8	50
32	Diet preference of zebrafish (<i>Danio rerio</i>) for bio-based polylactic acid microplastics and induced intestinal damage and microbiota dysbiosis. <i>Journal of Hazardous Materials</i> , 2022, 429, 128332.	6.5	50
33	Electronic-Waste-Driven Pollution of Liquid Crystal Monomers: Environmental Occurrence and Human Exposure in Recycling Industrial Parks. <i>Environmental Science & Technology</i> , 2022, 56, 2248-2257.	4.6	48
34	Earthworms'™ Degradable Bioplastic Diet of Polylactic Acid: Easy to Break Down and Slow to Excrete. <i>Environmental Science & Technology</i> , 2022, 56, 5020-5028.	4.6	48
35	Microplastics in Yellow River Delta wetland: Occurrence, characteristics, human influences, and marker. <i>Environmental Pollution</i> , 2020, 258, 113232.	3.7	47
36	Development and Application of a Mass Spectrometry Method for Quantifying Nylon Microplastics in Environment. <i>Analytical Chemistry</i> , 2020, 92, 13930-13935.	3.2	45

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37	Widespread Occurrence and Distribution of Bisphenol A Diglycidyl Ether (BADGE) and its Derivatives in Human Urine from the United States and China. <i>Environmental Science & Technology</i> , 2012, 46, 12968-12976.	4.6	44
38	Bacterial Community under the Influence of Microplastics in Indoor Environment and the Health Hazards Associated with Antibiotic Resistance Genes. <i>Environmental Science & Technology</i> , 2022, 56, 422-432.	4.6	44
39	Pulmonary toxicology assessment of polyethylene terephthalate nanoplastic particles in vitro. <i>Environment International</i> , 2022, 162, 107177.	4.8	41
40	Hepatotoxicity of benzotriazole and its effect on the cadmium induced toxicity in zebrafish <i>Danio rerio</i> . <i>Environmental Pollution</i> , 2017, 224, 706-713.	3.7	40
41	A review of organophosphate esters in soil: Implications for the potential source, transfer, and transformation mechanism. <i>Environmental Research</i> , 2022, 204, 112122.	3.7	40
42	Organophosphite Antioxidants in Mulch Films Are Important Sources of Organophosphate Pollutants in Farmlands. <i>Environmental Science & Technology</i> , 2021, 55, 7398-7406.	4.6	37
43	An innovative evaluation method based on polymer mass detection to evaluate the contribution of microfibers from laundry process to municipal wastewater. <i>Journal of Hazardous Materials</i> , 2021, 407, 124861.	6.5	36
44	Application of an immobilized ionic liquid for the passive sampling of perfluorinated substances in water. <i>Journal of Chromatography A</i> , 2017, 1515, 45-53.	1.8	35
45	Molecular characterization of dissolved organic matters in winter atmospheric fine particulate matters (PM _{2.5}) from a coastal city of northeast China. <i>Science of the Total Environment</i> , 2019, 689, 312-321.	3.9	35
46	Health Status of Elderly People Living Near E-Waste Recycling Sites: Association of E-Waste Dismantling Activities with Legacy Perfluoroalkyl Substances (PFASs). <i>Environmental Science and Technology Letters</i> , 2019, 6, 133-140.	3.9	35
47	Plant accumulation and transformation of brominated and organophosphate flame retardants: A review. <i>Environmental Pollution</i> , 2021, 288, 117742.	3.7	34
48	Nontarget Discovery of 11 Aryl Organophosphate Triesters in House Dust Using High-Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2020, 54, 11376-11385.	4.6	33
49	Liquid chromatography/mass spectrometry analysis of perfluoroalkyl carboxylic acids and perfluorooctanesulfonate in bivalve shells: Extraction method optimization. <i>Journal of Chromatography A</i> , 2010, 1217, 436-442.	1.8	27
50	Size-dependent impact of polystyrene microplastics on the toxicity of cadmium through altering neutrophil expression and metabolic regulation in zebrafish larvae. <i>Environmental Pollution</i> , 2021, 291, 118169.	3.7	27
51	Distribution and fate of nonylphenol in an aquatic microcosm. <i>Water Research</i> , 2007, 41, 4630-4638.	5.3	26
52	Distribution and dissipation pathways of nonylphenol polyethoxylates in the Yellow River: Site investigation and lab-scale studies. <i>Environment International</i> , 2006, 32, 907-914.	4.8	25
53	Occurrence and distribution of microplastics in sediments of a man-made lake receiving reclaimed water. <i>Science of the Total Environment</i> , 2022, 813, 152430.	3.9	23
54	Phthalate Metabolites, Hydroxy-Polycyclic Aromatic Hydrocarbons, and Bisphenol Analogues in Bovine Urine Collected from China, India, and the United States. <i>Environmental Science & Technology</i> , 2019, 53, 11524-11531.	4.6	22

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55	Quantitative analysis of polyethylene terephthalate and polycarbonate microplastics in sediment collected from South Korea, Japan and the USA. <i>Chemosphere</i> , 2021, 279, 130551.	4.2	22
56	Occurrence of novel organophosphate esters derived from organophosphite antioxidants in an e-waste dismantling area: Associations between hand wipes and dust. <i>Environment International</i> , 2021, 157, 106860.	4.8	22
57	Enhanced Microbial Removal of Pyrene in Soils in the Presence of Earthworms. <i>Soil and Sediment Contamination</i> , 2011, 20, 617-630.	1.1	18
58	Effects of heavy metals released from sediment accelerated by artificial sweeteners and humic acid on a green algae <i>Scenedesmus obliquus</i> . <i>Science of the Total Environment</i> , 2020, 729, 138960.	3.9	18
59	Differences in the Plastispheres of Biodegradable and Non-biodegradable Plastics: A Mini Review. <i>Frontiers in Microbiology</i> , 2022, 13, 849147.	1.5	18
60	Effect of corrosion inhibitor benzotriazole on the uptake and translocation of Cd in rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	4.2	17
61	The Undervalued Effects of Polychlorinated Biphenyl Exposure on Breast Cancer. <i>Clinical Breast Cancer</i> , 2020, 20, 12-18.	1.1	15
62	Transesterification of para-hydroxybenzoic acid esters (parabens) in the activated sludge. <i>Journal of Hazardous Materials</i> , 2018, 354, 145-152.	6.5	14
63	Identification of Novel Organophosphate Esters in Hydroponic Lettuces (<i>Lactuca sativa</i> L.): Biotransformation and Acropetal Translocation. <i>Environmental Science & Technology</i> , 2022, 56, 10699-10709.	4.6	12
64	Photodegradation of nonylphenol polyethoxylates in aqueous solution. <i>Environmental Chemistry</i> , 2009, 6, 185.	0.7	11
65	Application of ionic liquids for the extraction and passive sampling of endocrine-disrupting chemicals from sediments. <i>Journal of Soils and Sediments</i> , 2013, 13, 450-459.	1.5	11
66	The Bioconcentration and Degradation of Nonylphenol and Nonylphenol Polyethoxylates by <i>Chlorella vulgaris</i> . <i>International Journal of Molecular Sciences</i> , 2014, 15, 1255-1270.	1.8	11
67	Excretion characteristics of nylon microplastics and absorption risk of nanoplastics in rats. <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113586.	2.9	11
68	Occurrence and Profiles of the Artificial Endocrine Disruptor Bisphenol A and Natural Endocrine Disruptor Phytoestrogens in Urine from Children in China. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 15110-15117.	1.2	9
69	Fe(III) and Fe(II) induced photodegradation of nonylphenol polyethoxylate (NPEO) oligomer in aqueous solution and toxicity evaluation of the irradiated solution. <i>Ecotoxicology and Environmental Safety</i> , 2017, 140, 89-95.	2.9	9
70	Combined effects of artificial sweetener acesulfame on the uptake of Cd in rice (<i>Oryza sativa</i> L.). <i>Environmental Pollution</i> , 2019, 252, 171-179.	3.7	8
71	Effect of sorbed nonylphenol on sorption of phenanthrene onto mineral surface. <i>Journal of Hazardous Materials</i> , 2009, 161, 1461-1465.	6.5	7
72	Benzotriazole alleviates copper mediated lysosomal membrane damage and antioxidant defense system responses in earthworms (<i>Eisenia fetida</i>). <i>Ecotoxicology and Environmental Safety</i> , 2020, 197, 110618.	2.9	6

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73	Molecular chemodiversity of water-soluble organic matter in atmospheric particulate matter and their associations with atmospheric conditions. <i>Science of the Total Environment</i> , 2022, 809, 151171.	3.9	6
74	Occupational exposure to organophosphate esters in e-waste dismantling workers: Risk assessment and influencing factors screening. <i>Ecotoxicology and Environmental Safety</i> , 2022, 240, 113707.	2.9	6
75	Investigation of microplastic pollution on paddy fields in Xiangtan City, Southern China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 81300-81307.	2.7	6
76	Impact of organic matter properties on sorption domains of phenanthrene on chemically modified geosorbents and synthesized charcoals. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 268-275.	6.5	5
77	Effect of Cosolutes on the Sorption of Phenanthrene onto Mineral Surface of River Sediments and Kaolinite. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	0.8	0
78	Response to Comment on "Comparison of Detection Methods of Microplastics in Landfill Mineralized Refuse and Selection of Degradation Degree Indexes": <i>Environmental Science & Technology</i> , 2022, 56, 1471-1472.	4.6	0
79	A simple device for simulating skin adsorption of polycyclic aromatic hydrocarbons: design and application. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0
80	Editorial: Microplastics and Microorganisms in the Environment. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	0