

# Yan Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,850  
citations

279701

23  
h-index

289141

40  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy metal contamination in soils and vegetables near an e-waste processing site, south China. <i>Journal of Hazardous Materials</i> , 2011, 186, 481-490.	6.5	565
2	Characterization of PBDEs in soils and vegetations near an e-waste recycling site in South China. <i>Environmental Pollution</i> , 2011, 159, 2443-2448.	3.7	144
3	Organophosphorus Flame Retardants and Plasticizers in Building and Decoration Materials and Their Potential Burdens in Newly Decorated Houses in China. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10991-10999.	4.6	93
4	Characterization and risk assessment of polychlorinated biphenyls in soils and vegetations near an electronic waste recycling site, South China. <i>Chemosphere</i> , 2011, 85, 344-350.	4.2	79
5	Evidence for Major Contributions of Unintentionally Produced PCBs in the Air of China: Implications for the National Source Inventory. <i>Environmental Science &amp; Technology</i> , 2020, 54, 2163-2171.	4.6	60
6	Forest Filter Effect versus Cold Trapping Effect on the Altitudinal Distribution of PCBs: A Case Study of Mt. Gongga, Eastern Tibetan Plateau. <i>Environmental Science &amp; Technology</i> , 2014, 48, 14377-14385.	4.6	58
7	Characterization of PBDEs and novel brominated flame retardants in seawater near a coastal mariculture area of the Bohai Sea, China. <i>Science of the Total Environment</i> , 2017, 580, 1446-1452.	3.9	51
8	The influence of land use on the concentration and vertical distribution of PBDEs in soils of an e-waste recycling region of South China. <i>Environmental Pollution</i> , 2014, 191, 126-131.	3.7	48
9	Source apportionment of polycyclic aromatic hydrocarbons (PAHs) in the air of Dalian, China: Correlations with six criteria air pollutants and meteorological conditions. <i>Chemosphere</i> , 2019, 216, 516-523.	4.2	47
10	Could Uptake and Acropetal Translocation of PBDEs by Corn Be Enhanced Following Cu Exposure? Evidence from a Root Damage Experiment. <i>Environmental Science &amp; Technology</i> , 2016, 50, 856-863.	4.6	44
11	Influence of plants on the distribution and composition of PBDEs in soils of an e-waste dismantling area: Evidence of the effect of the rhizosphere and selective bioaccumulation. <i>Environmental Pollution</i> , 2014, 186, 104-109.	3.7	43
12	Seasonal variation, air-water exchange, and multivariate source apportionment of polycyclic aromatic hydrocarbons in the coastal area of Dalian, China. <i>Environmental Pollution</i> , 2019, 244, 405-413.	3.7	40
13	Occurrence, distribution, and air-water exchange of organophosphorus flame retardants in a typical coastal area of China. <i>Chemosphere</i> , 2018, 211, 335-344.	4.2	36
14	Polycyclic aromatic hydrocarbons in the atmosphere and soils of Dalian, China: Source, urban-rural gradient, and air-soil exchange. <i>Chemosphere</i> , 2020, 244, 125518.	4.2	35
15	Measuring exposure of e-waste dismantlers in Dhaka Bangladesh to organophosphate esters and halogenated flame retardants using silicone wristbands and T-shirts. <i>Science of the Total Environment</i> , 2020, 720, 137480.	3.9	34
16	Characteristics and risk assessment of organophosphate esters and phthalates in soils and vegetation from Dalian, northeast China. <i>Environmental Pollution</i> , 2021, 284, 117532.	3.7	34
17	Distributions and compositions of old and emerging flame retardants in the rhizosphere and non-rhizosphere soil in an e-waste contaminated area of South China. <i>Environmental Pollution</i> , 2016, 208, 619-625.	3.7	31
18	Plant selective uptake of halogenated flame retardants at an e-waste recycling site in southern China. <i>Environmental Pollution</i> , 2016, 214, 705-712.	3.7	30

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19	Influence of rice growth on the fate of polycyclic aromatic hydrocarbons in a subtropical paddy field: A life cycle study. <i>Chemosphere</i> , 2015, 119, 1233-1239.	4.2	27
20	Improved correction method for using passive air samplers to assess the distribution of PCNs in the Dongjiang River basin of the Pearl River Delta, South China. <i>Atmospheric Environment</i> , 2012, 54, 700-705.	1.9	26
21	Assessment of the Air-Soil Partitioning of Polycyclic Aromatic Hydrocarbons in a Paddy Field Using a Modified Fugacity Sampler. <i>Environmental Science &amp; Technology</i> , 2015, 49, 284-291.	4.6	26
22	Polyurethane heat preservation materials: The significant sources of organophosphorus flame retardants. <i>Chemosphere</i> , 2019, 227, 409-415.	4.2	26
23	The Abandoned E-Waste Recycling Site Continued to Act As a Significant Source of Polychlorinated Biphenyls: An in Situ Assessment Using Fugacity Samplers. <i>Environmental Science &amp; Technology</i> , 2016, 50, 8623-8630.	4.6	24
24	Determination and prediction of octanol-air partition coefficients for organophosphate flame retardants. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 283-288.	2.9	24
25	Tidal variability of polycyclic aromatic hydrocarbons and organophosphate esters in the coastal seawater of Dalian, China. <i>Science of the Total Environment</i> , 2020, 708, 134441.	3.9	24
26	Distribution of organophosphate esters between the gas phase and PM2.5 in urban Dalian, China. <i>Environmental Pollution</i> , 2020, 259, 113882.	3.7	23
27	Probing Legacy and Alternative Flame Retardants in the Air of Chinese Cities. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9450-9459.	4.6	23
28	Reflection of Stereoselectivity during the Uptake and Acropetal Translocation of Chiral PCBs in Plants in the Presence of Copper. <i>Environmental Science &amp; Technology</i> , 2017, 51, 13834-13841.	4.6	22
29	Pet hair as a potential sentinel of human exposure: Investigating partitioning and exposures from OPEs and PAHs in indoor dust, air, and pet hair from China. <i>Science of the Total Environment</i> , 2020, 745, 140934.	3.9	19
30	Halogenated flame retardants in building and decoration materials in China: Implications for human exposure via inhalation and dust ingestion. <i>Chemosphere</i> , 2018, 203, 291-299.	4.2	18
31	Characteristics and risk assessment of organophosphorus flame retardants in urban road dust of Dalian, Northeast China. <i>Science of the Total Environment</i> , 2020, 705, 135995.	3.9	18
32	Ornamental houseplants as potential biosamplers for indoor pollution of organophosphorus flame retardants. <i>Science of the Total Environment</i> , 2021, 767, 144433.	3.9	16
33	Simultaneous enhanced removal of Cu, PCBs, and PBDEs by corn from e-waste-contaminated soil using the biodegradable chelant EDDS. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18203-18210.	2.7	15
34	Characterization and risk assessment of polychlorinated biphenyls in soils and rice tissues in a suburban paddy field of the Pearl River Delta, South China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11626-11633.	2.7	11
35	Distribution and Chiral Signatures of Polychlorinated Biphenyls (PCBs) in Soils and Vegetables around an e-Waste Recycling Site. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10542-10549.	2.4	10
36	Exploring source footprint of Organophosphate esters in the Bohai Sea, China: Insight from temporal and spatial variabilities in the atmosphere from June 2014 to May 2019. <i>Environment International</i> , 2022, 159, 107044.	4.8	7

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37	Factors influencing the diurnal atmospheric concentrations and soil-air exchange of PBDEs at an e-waste recycling site in China. <i>Atmospheric Pollution Research</i> , 2018, 9, 166-171.	1.8	6
38	Atmospheric deposition of PBDEs and DPs in Dongjiang River Basin, South China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3882-3889.	2.7	5
39	Characteristics of halogenated flame retardants in the atmosphere of Dalian, China. <i>Atmospheric Environment</i> , 2020, 223, 117219.	1.9	5
40	Environmental behaviour of polychlorinated biphenyls in a paddy field: Impact factors and canopy effects. <i>Science of the Total Environment</i> , 2018, 637-638, 50-57.	3.9	3