

Si Wei

List of Publications by Year in descending order

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29
papers

1,849
citations

394421

19
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

2012
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification and identification of polar pollutants on microplastics from freshwater using nontarget screening strategy. <i>Science of the Total Environment</i> , 2022, 822, 153468.	8.0	4
2	Effect-Directed Analysis Based on the Reduced Human Transcriptome (RHT) to Identify Organic Contaminants in Source and Tap Waters along the Yangtze River. <i>Environmental Science & Technology</i> , 2022, 56, 7840-7852.	10.0	10
3	Target, Nontarget, and Suspect Screening and Temporal Trends of Per- and Polyfluoroalkyl Substances in Marine Mammals from the South China Sea. <i>Environmental Science & Technology</i> , 2021, 55, 1045-1056.	10.0	66
4	Photodegradation of carbon dots cause cytotoxicity. <i>Nature Communications</i> , 2021, 12, 812.	12.8	78
5	Response to Comment on "Suspect and Nontarget Screening of Per- and Polyfluoroalkyl Substances in Wastewater from a Fluorochemical Manufacturing Park". <i>Environmental Science & Technology</i> , 2021, 55, 5593-5596.	10.0	2
6	Biodirected Identification of Untargeted Toxicants in Industrial Wastewater Guides the Upgrading of Water Treatments. <i>Environmental Science and Technology Letters</i> , 2021, 8, 474-481.	8.7	10
7	Screening priority indicator pollutants in full-scale wastewater treatment plants by non-target analysis. <i>Journal of Hazardous Materials</i> , 2021, 414, 125490.	12.4	25
8	Occurrence and transport of perfluoroalkyl acids (PFAAs) in a Yangtze River water diversion project during water diversion and flooding. <i>Water Research</i> , 2021, 205, 117662.	11.3	8
9	Exposure to legacy and novel perfluoroalkyl substance disturbs the metabolic homeostasis in pregnant women and fetuses: A metabolome-wide association study. <i>Environment International</i> , 2021, 156, 106627.	10.0	25
10	Analysis of emerging per- and polyfluoroalkyl substances: Progress and current issues. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115481.	11.4	64
11	Per- and Polyfluoroalkyl Substances in the Air Particles of Asia: Levels, Seasonality, and Size-Dependent Distribution. <i>Environmental Science & Technology</i> , 2020, 54, 14182-14191.	10.0	40
12	Non-target and suspect screening of per- and polyfluoroalkyl substances in Chinese municipal wastewater treatment plants. <i>Water Research</i> , 2020, 183, 115989.	11.3	92
13	Nontarget Discovery of Per- and Polyfluoroalkyl Substances in Atmospheric Particulate Matter and Gaseous Phase Using Cryogenic Air Sampler. <i>Environmental Science & Technology</i> , 2020, 54, 3103-3113.	10.0	55
14	Suspect and non-target screening of pesticides and pharmaceuticals transformation products in wastewater using QTOF-MS. <i>Environment International</i> , 2020, 137, 105599.	10.0	70
15	Transplacental Transfer of Per- and Polyfluoroalkyl Substances Identified in Paired Maternal and Cord Sera Using Suspect and Nontarget Screening. <i>Environmental Science & Technology</i> , 2020, 54, 3407-3416.	10.0	88
16	Mechanistic in silico modeling of bisphenols to predict estrogen and glucocorticoid disrupting potentials. <i>Science of the Total Environment</i> , 2020, 728, 138854.	8.0	11
17	Suspect screening and risk assessment of pollutants in the wastewater from a chemical industry park in China. <i>Environmental Pollution</i> , 2020, 263, 114493.	7.5	14
18	Metabolomic insights into the lasting impacts of early-life exposure to BDE-47 in mice. <i>Environmental Pollution</i> , 2020, 263, 114524.	7.5	8

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19	Molecular Initiating Events of Bisphenols on Androgen Receptor-Mediated Pathways Provide Guidelines for <i>in Silico</i> Screening and Design of Substitute Compounds. <i>Environmental Science and Technology Letters</i> , 2019, 6, 205-210.	8.7	19
20	Suspect and Nontarget Screening of Per- and Polyfluoroalkyl Substances in Wastewater from a Fluorochemical Manufacturing Park. <i>Environmental Science & Technology</i> , 2018, 52, 11007-11016.	10.0	149
21	Non-Target and Suspect Screening of Per- and Polyfluoroalkyl Substances in Airborne Particulate Matter in China. <i>Environmental Science & Technology</i> , 2018, 52, 8205-8214.	10.0	133
22	Perfluoroalkyl acids in the water cycle from a freshwater river basin to coastal waters in eastern China. <i>Chemosphere</i> , 2017, 168, 390-398.	8.2	20
23	Extended Virtual Screening Strategies To Link Antiandrogenic Activities and Detected Organic Contaminants in Soils. <i>Environmental Science & Technology</i> , 2017, 51, 12528-12536.	10.0	16
24	Distribution of perfluorooctane sulfonate isomers and predicted risk of thyroid hormonal perturbation in drinking water. <i>Water Research</i> , 2015, 76, 171-180.	11.3	25
25	Regional distribution of halogenated organophosphate flame retardants in seawater samples from three coastal cities in China. <i>Marine Pollution Bulletin</i> , 2014, 86, 569-574.	5.0	123
26	Occurrence of organophosphate flame retardants in drinking water from China. <i>Water Research</i> , 2014, 54, 53-61.	11.3	249
27	Occurrence of Perfluoroalkyl Acids Including Perfluorooctane Sulfonate Isomers in Huai River Basin and Taihu Lake in Jiangsu Province, China. <i>Environmental Science & Technology</i> , 2013, 47, 710-717.	10.0	82
28	Identification of trace organic pollutants in freshwater sources in Eastern China and estimation of their associated human health risks. <i>Ecotoxicology</i> , 2011, 20, 1099-1106.	2.4	66
29	Perfluorinated acids as novel chemical tracers of global circulation of ocean waters. <i>Chemosphere</i> , 2008, 70, 1247-1255.	8.2	297