Zhenwu Tang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/801982/publications.pdf

Version: 2024-02-01

52	2,551	257450 24	189892 50
papers	citations	h-index	g-index

52	52	52	3252
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymer-based nanocomposites for heavy metal ions removal from aqueous solution: a review. Polymer Chemistry, 2018, 9, 3562-3582.	3.9	418
2	Distribution and speciation of heavy metals in sediments from the mainstream, tributaries, and lakes of the Yangtze River catchment of Wuhan, China. Journal of Hazardous Materials, 2009, 166, 1186-1194.	12.4	391
3	A critical review on visible-light-response CeO2-based photocatalysts with enhanced photooxidation of organic pollutants. Catalysis Today, 2019, 335, 20-30.	4.4	262
4	Contamination and health risks of heavy metals in street dust from a coal-mining city in eastern China. Ecotoxicology and Environmental Safety, 2017, 138, 83-91.	6.0	191
5	Contamination and risk of heavy metals in soils and sediments from a typical plastic waste recycling area in North China. Ecotoxicology and Environmental Safety, 2015, 122, 343-351.	6.0	126
6	Polybrominated Diphenyl Ethers in Soils, Sediments, and Human Hair in a Plastic Waste Recycling Area: A Neglected Heavily Polluted Area. Environmental Science & Technology, 2014, 48, 1508-1516.	10.0	99
7	Organochlorine pesticides in the lower reaches of Yangtze River: Occurrence, ecological risk and temporal trends. Ecotoxicology and Environmental Safety, 2013, 87, 89-97.	6.0	71
8	Residues of organochlorine pesticides in water and suspended particulate matter from the Yangtze River catchment of Wuhan, China. Environmental Monitoring and Assessment, 2008, 137, 427-439.	2.7	68
9	Heavy metals in soil contaminated through e-waste processing activities in a recycling area: Implications for risk management. Chemical Engineering Research and Design, 2019, 125, 189-196.	5.6	61
10	Core-shell CMNP@PDAP nanocomposites for simultaneous removal of chromium and arsenic. Chemical Engineering Journal, 2018, 349, 481-490.	12.7	52
11	Distribution and Sources of Organochlorine Pesticides in Sediments from Typical Catchment of the Yangtze River, China. Archives of Environmental Contamination and Toxicology, 2007, 53, 303-312.	4.1	46
12	Polybrominated diphenyl ethers (PBDEs) and heavy metals in road dusts from a plastic waste recycling area in north China: implications for human health. Environmental Science and Pollution Research, 2016, 23, 625-637.	5.3	45
13	The distribution and biomagnification of higher brominated BDEs in terrestrial organisms affected by a typical e-waste burning site in South China. Chemosphere, 2015, 118, 301-308.	8.2	42
14	Adsorption and desorption characteristics of monosulfuron in Chinese soils. Journal of Hazardous Materials, 2009, 166, 1351-1356.	12.4	41
15	Concentrations and human health implications of heavy metals in market foods from a Chinese coal-mining city. Environmental Toxicology and Pharmacology, 2017, 50, 37-44.	4.0	39
16	Occurrence, distribution and ecological risk of ultraviolet absorbents in water and sediment from Lake Chaohu and its inflowing rivers, China. Ecotoxicology and Environmental Safety, 2018, 164, 540-547.	6.0	39
17	Self-Nitrogen-Doped Carbon from Plant Waste as an Oxygen Electrode Material with Exceptional Capacity and Cycling Stability for Lithiumâ€“Oxygen Batteries. ACS Applied Materials & Interfaces, 2018, 10, 32212-32219.	8.0	38
18	Phthalates in preschool childrenâ€™s clothing manufactured in seven Asian countries: Occurrence, profiles and potential health risks. Journal of Hazardous Materials, 2020, 387, 121681.	12.4	36

#	Article	IF	Citations
19	PCDD/Fs in Fly Ash from Waste Incineration in China: A Need for Effective Risk Management. Environmental Science & Technology, 2013, 47, 5520-5521.	10.0	31
20	Concentrations and distributions of polycyclic aromatic hydrocarbon in vegetables and animal-based foods before and after grilling: Implication for human exposure. Science of the Total Environment, 2019, 690, 965-972.	8.0	31
21	One-Hundred-Year Sedimentary Record of Polycyclic Aromatic Hydrocarbons in Urban Lake Sediments from Wuhan, Central China. Water, Air, and Soil Pollution, 2011, 217, 577-587.	2.4	30
22	Widespread occurrence of phthalates in popular take-out food containers from China and the implications for human exposure. Journal of Cleaner Production, 2021, 290, 125851.	9.3	30
23	Levels and distribution of organochlorine pesticides and hexachlorobutadiene in soils and terrestrial organisms from a former pesticide-producing area in Southwest China. Stochastic Environmental Research and Risk Assessment, 2016, 30, 1249-1262.	4.0	27
24	Concentrations and tissue-specific distributions of organic ultraviolet absorbents in wild fish from a large subtropical lake in China. Science of the Total Environment, 2019, 647, 1305-1313.	8.0	25
25	Identification, characterization, and human health risk assessment of perfluorinated compounds in groundwater from a suburb of Tianjin, China. Environmental Earth Sciences, 2016, 75, 1.	2.7	24
26	Distribution and accumulation of hexachlorobutadiene in soils and terrestrial organisms from an agricultural area, East China. Ecotoxicology and Environmental Safety, 2014, 108, 329-334.	6.0	22
27	Occurrence and Distribution of Phthalates in Sanitary Napkins from Six Countries: Implications for Womenâ€™s Health. Environmental Science & Technology, 2019, 53, 13919-13928.	10.0	21
28	Concentration profile, spatial distributions and temporal trends of polybrominated diphenyl ethers in sediments across China: Implications for risk assessment. Ecotoxicology and Environmental Safety, 2020, 206, 111205.	6.0	21
29	Environmental risks of HBCDD from construction and demolition waste: a contemporary and future issue. Environmental Science and Pollution Research, 2015, 22, 17249-17252.	5.3	18
30	Persistent organic pollutant waste in China: a review of past experiences and future challenges. Journal of Material Cycles and Waste Management, 2015, 17, 434-441.	3.0	16
31	Concentrations, distribution and risk of polycyclic aromatic hydrocarbons in sediments from seven major river basins in China over the past 20 years. Journal of Environmental Management, 2021, 280, 111717.	7.8	16
32	Synthetic musk fragrances in sediments from a subtropical river-lake system in eastern China: occurrences, profiles, and ecological risks. Environmental Science and Pollution Research, 2021, 28, 14597-14606.	5.3	16
33	Organic ultraviolet-absorbing materials in street dust from Hefei, China: Concentrations, profiles, and human health risks. Chemical Engineering Research and Design, 2020, 135, 228-235.	5.6	15
34	Global distribution and trends of polybrominated diphenyl ethers in human blood and breast milk: A quantitative meta-analysis of studies published in the period 2000â€“2019. Journal of Environmental Management, 2021, 280, 111696.	7.8	15
35	Occurrence and trophic transfer of synthetic musks in the freshwater food web of a large subtropical lake. Ecotoxicology and Environmental Safety, 2021, 213, 112074.	6.0	13
36	Occurrence, potential release and health risks of heavy metals in popular take-out food containers from China. Environmental Research, 2022, 206, 112265.	7.5	13

#	Article	IF	Citations
37	Bioaccumulation and trophic transfer of organic ultraviolet absorbents in the food web of a freshwater lake: Implications for risk estimation. Environmental Pollution, 2022, 294, 118612.	7.5	13
38	A new multistep purification method for simultaneously determining organic ultraviolet absorbents in fish tissue. Environmental Monitoring and Assessment, 2019, 191, 16.	2.7	11
39	Polybrominated Diphenyl Ethers and Heavy Metals in a Regulated E-Waste Recycling Site, Eastern China: Implications for Risk Management. Molecules, 2021, 26, 2169.	3.8	9
40	Occurrence of methylsiloxanes in sediments from a subtropical river-lake system in eastern China and its implication for ecological risks. Ecotoxicology and Environmental Safety, 2021, 223, 112627.	6.0	8
41	Occurrence and distribution of organic ultraviolet absorbents in soils and plants from a typical industrial area in South China. Science of the Total Environment, 2022, 846, 157383.	8.0	8
42	Polybrominated diphenyl ethers in soils from Tianjin, North China: distribution, health risk, and temporal trends. Environmental Geochemistry and Health, 2021, 43, 1177-1191.	3.4	7
43	Bioaccumulation and trophodynamics of cyclic methylsiloxanes in the food web of a large subtropical lake in China. Journal of Hazardous Materials, 2021, 413, 125354.	12.4	7
44	Concentrations, distribution and potential health risks of organic ultraviolet absorbents in street dust from Tianjin, a megacity in northern China. Environmental Research, 2022, 204, 112130.	7.5	7
45	Metals in wild fish from Gaotang Lake in the area of coal mining, China: assessment of the risk to human health. Environmental Science and Pollution Research, 2019, 26, 23754-23762.	5.3	5
46	Methyl siloxanes in road dust from a large silicone manufacturing site in China: implications of human exposure. Environmental Science and Pollution Research, 2021, 28, 16054-16064.	5.3	5
47	Methylsiloxanes in street dust from Hefei, China: Distribution, sources, and human exposure. Environmental Research, 2021, 201, 111513.	7.5	5
48	Methyl siloxanes in soils from a large silicone-manufacturing site, China: concentrations, distributions and potential human exposure. Environmental Geochemistry and Health, 2021, 43, 3871-3881.	3.4	4
49	Methylsiloxane occurrence and distribution in free-range poultry eggs near a rural industrial park: Indicators of potential risks to birds. Journal of Hazardous Materials, 2021, 415, 125683.	12.4	4
50	Occurrence and distribution of organic ultraviolet absorbents in sediments from small urban rivers, Tianjin, China: Implications for risk management. Ecotoxicology and Environmental Safety, 2022, 230, 113120.	6.0	4
51	Distribution, Sources, and Risk of Polycyclic Aromatic Hydrocarbons in the Core Sediments from Baiyangdian Lake, China. Polycyclic Aromatic Compounds, 2013, 33, 108-126.	2.6	3
52	Phthalates in soil and road dust from a large processing trade center of children's clothing: Occurrence, profiles and potential health risks. Chemical Engineering Research and Design, 2022, 162, 291-300.	5.6	2