Tieyu Wang

List of Publications by Year in Descending Order

127 papers	5,712 citations	41 h-index	71 g-index
139 ext. papers	6,663 ext. citations	7 avg, IF	5.64 L-index

#	Paper	IF	Citations
127	A novel interpolation method to predict soil heavy metals based on a genetic algorithm and neural network model.. *Science of the Total Environment*, **2022**, 153948	10.2	1
126	Perfluoroalkyl substances in marine food webs from South China Sea: Trophic transfer and human exposure implication.. *Journal of Hazardous Materials*, **2022**, 431, 128602	12.8	2
125	Identification of AhR agonists in sediments of the Bohai and Yellow Seas using advanced effect-directed analysis and in silico prediction.. *Journal of Hazardous Materials*, **2022**, 435, 128908	12.8	0
124	Occurrence, Profile, and Potential Risks of Novel and Legacy Polyfluoroalkyl Substances in Bullfrogs: Pilot Study in an Intensive Aquaculture Region, China. *Frontiers in Environmental Science*, **2021**, 9,	4.8	1
123	Perfluoroalkyl acids in rapidly developing coastal areas of China and South Korea: Spatiotemporal variation and source apportionment. *Science of the Total Environment*, **2021**, 761, 143297	10.2	12
122	Contamination, source and potential risks of pharmaceuticals and personal products (PPCPs) in Baiyangdian Basin, an intensive human intervention area, China. *Science of the Total Environment*, **2021**, 760, 144080	10.2	16
121	Are there risks induced by novel and legacy poly- and perfluoroalkyl substances in coastal aquaculture base in South China?. *Science of the Total Environment*, **2021**, 779, 146539	10.2	5
120	Spatial Distribution and Source Apportionment of Soil Heavy Metals in Pearl River Delta, China. *Sustainability*, **2021**, 13, 9651	3.6	4
119	Source apportionment and risk assessment for polycyclic aromatic hydrocarbons in soils at a typical coking plant. *Ecotoxicology and Environmental Safety*, **2021**, 222, 112509	7	8
118	Large-scale sediment toxicity assessment over the 15,000 km of coastline in the Yellow and Bohai seas, East Asia. *Science of the Total Environment*, **2021**, 792, 148371	10.2	4
117	Ecological risk assessment of heavy metals in sediments and water from the coastal areas of the Bohai Sea and the Yellow Sea. *Environment International*, **2020**, 136, 105512	12.9	63
116	Accumulation and ecological risk of heavy metals in soils along the coastal areas of the Bohai Sea and the Yellow Sea: A comparative study of China and South Korea. *Environment International*, **2020** , 137, 105519	12.9	38
115	Large-scale monitoring and ecological risk assessment of persistent toxic substances in riverine, estuarine, and coastal sediments of the Yellow and Bohai seas. *Environment International*, **2020**, 137, 105517	12.9	23
114	Anthropogenic impacts on the contamination of pharmaceuticals and personal care products (PPCPs) in the coastal environments of the Yellow and Bohai seas. *Environment International*, **2020**, 135, 105306	12.9	51
113	Urban-rural gradients of polycyclic aromatic hydrocarbons in soils at a regional scale: Quantification and prediction. *Journal of Environmental Management*, **2019**, 249, 109406	7.9	4
112	Are perfluoroalkyl substances in water and fish from drinking water source the major pathways towards human health risk?. *Ecotoxicology and Environmental Safety*, **2019**, 181, 194-201	7	21
111	Climate change induced eutrophication of cold-water lake in an ecologically fragile nature reserve. *Journal of Environmental Sciences*, **2019**, 75, 359-369	6.4	14

110	Which type of pollutants need to be controlled with priority in wastewater treatment plants: Traditional or emerging pollutants?. *Environment International*, **2019**, 131, 104982	12.9	47
109	Increasing perfluoroalkyl substances and ecological process from the Yongding Watershed to the Guanting Reservoir in the Olympic host cities, China. *Environment International*, **2019**, 133, 105224	12.9	11
108	Simulating transport, flux, and ecological risk of perfluorooctanoate in a river affected by a major fluorochemical manufacturer in northern China. *Science of the Total Environment*, **2019**, 657, 792-803	10.2	15
107	Distribution, source, and risk of organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs) in urban and rural soils around the Yellow and Bohai Seas, China. *Environmental Pollution*, **2018**, 239, 233-241	9.3	46
106	Tracing perfluoroalkyl substances (PFASs) in soils along the urbanizing coastal area of Bohai and Yellow Seas, China. *Environmental Pollution*, **2018**, 238, 404-412	9.3	28
105	Spatial and vertical variations of perfluoroalkyl acids (PFAAs) in the Bohai and Yellow Seas: Bridging the gap between riverine sources and marine sinks. *Environmental Pollution*, **2018**, 238, 111-120	9.3	36
104	Biodegradation of nonylphenol during aerobic composting of sewage sludge under two intermittent aeration treatments in a full-scale plant. *Environmental Pollution*, **2018**, 238, 783-791	9.3	31
103	Dynamic multimedia fate simulation of Perfluorooctane Sulfonate (PFOS) from 1981 to 2050 in the urbanizing Bohai Rim of China. *Environmental Pollution*, **2018**, 235, 235-244	9.3	13
102	Perfluoroalkyl acids in surface seawater from the North Pacific to the Arctic Ocean: Contamination, distribution and transportation. *Environmental Pollution*, **2018**, 238, 168-176	9.3	30
101	Chemical-, site-, and taxa-dependent benthic community health in coastal areas of the Bohai Sea and northern Yellow Sea: A sediment quality triad approach. *Science of the Total Environment*, **2018**, 645, 743-752	10.2	17
100	Screening optimal substrates from Erhai lakeside for Ottelia acuminata (Gagnep.) Dandy, an endangered submerged macrophyte in China. *Environmental Science and Pollution Research*, **2018**, 25, 19887-19897	5.1	1
99	Balancing conservation and development in Winter Olympic construction: evidence from a multi-scale ecological suitability assessment. *Scientific Reports*, **2018**, 8, 14083	4.9	8
98	Seasonal and annual variations in removal efficiency of perfluoroalkyl substances by different wastewater treatment processes. *Environmental Pollution*, **2018**, 242, 2059-2067	9.3	37
97	Pollution pathways and release estimation of perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) in central and eastern China. *Science of the Total Environment*, **2017**, 580, 1247-1256	10.2	83
96	Identify biosorption effects of Thiobacillus towards perfluorooctanoic acid (PFOA): Pilot study from field to laboratory. *Chemosphere*, **2017**, 171, 31-39	8.4	17
95	Occurrence, speciation and transportation of heavy metals in 9 coastal rivers from watershed of Laizhou Bay, China. *Chemosphere*, **2017**, 173, 61-68	8.4	52
94	Life cycle analysis of perfluorooctanoic acid (PFOA) and its salts in China. *Environmental Science and Pollution Research*, **2017**, 24, 11254-11264	5.1	14
93	Determination of water environment standards based on water quality criteria in China: Limitations and feasibilities. *Journal of Environmental Sciences*, **2017**, 57, 127-136	6.4	7

92	Ecogenomic responses of benthic communities under multiple stressors along the marine and adjacent riverine areas of northern Bohai Sea, China. *Chemosphere*, **2017**, 172, 166-174	8.4	22
91	Traditional and new POPs in environments along the Bohai and Yellow Seas: An overview of China and South Korea. *Chemosphere*, **2017**, 169, 503-515	8.4	56
90	Response of the phytoplankton community to water quality in a local alpine glacial lake of Xinjiang Tianchi, China: potential drivers and management implications. *Environmental Sciences: Processes and Impacts*, **2017**, 19, 1300-1311	4.3	5
89	Using hydrodynamic model to predict PFOS and PFOA transport in the Daling River and its tributary, a heavily polluted river into the Bohai Sea, China. *Chemosphere*, **2017**, 167, 344-352	8.4	18
88	Ecological effect and risk towards aquatic plants induced by perfluoroalkyl substances: Bridging natural to culturing flora. *Chemosphere*, **2017**, 167, 98-106	8.4	24
87	Regional probabilistic risk assessment of heavy metals in different environmental media and land uses: An urbanization-affected drinking water supply area. *Scientific Reports*, **2016**, 6, 37084	4.9	58
86	Urban and rural transport of semivolatile organic compounds at regional scale: A multimedia model approach. *Journal of Environmental Sciences*, **2016**, 39, 228-241	6.4	16
85	Bacterial community compositions in sediment polluted by perfluoroalkyl acids (PFAAs) using Illumina high-throughput sequencing. *Environmental Science and Pollution Research*, **2016**, 23, 10556-10565	5.1	54
84	Shifts in production of perfluoroalkyl acids affect emissions and concentrations in the environment of the Xiaoqing River Basin, China. *Journal of Hazardous Materials*, **2016**, 307, 55-63	12.8	72
83	Risk assessment and source identification of perfluoroalkyl acids in surface and ground water: Spatial distribution around a mega-fluorochemical industrial park, China. *Environment International*, **2016**, 91, 69-77	12.9	76
82	Coupled production and emission of short chain perfluoroalkyl acids from a fast developing fluorochemical industry: Evidence from yearly and seasonal monitoring in Daling River Basin, China. *Environmental Pollution*, **2016**, 218, 1234-1244	9.3	46
81	Perfluoroalkyl substances in Daling River adjacent to fluorine industrial parks: implication from industrial emission. *Bulletin of Environmental Contamination and Toxicology*, **2015**, 94, 34-40	2.7	12
80	A review of sources, multimedia distribution and health risks of perfluoroalkyl acids (PFAAs) in China. *Chemosphere*, **2015**, 129, 87-99	8.4	156
79	Bioaccumulation characteristics of perfluoroalkyl acids (PFAAs) in coastal organisms from the west coast of South Korea. *Chemosphere*, **2015**, 129, 157-63	8.4	66
78	Exploring the fate, transport and risk of Perfluorooctane Sulfonate (PFOS) in a coastal region of China using a multimedia model. *Environment International*, **2015**, 85, 15-26	12.9	40
77	Distribution and bioaccumulation of lead in the coastal watersheds of the Northern Bohai and Yellow Seas in China. *Environmental Geochemistry and Health*, **2015**, 37, 491-506	4.7	11
76	Perfluoroalkyl substances in the Daling River with concentrated fluorine industries in China: seasonal variation, mass flow, and risk assessment. *Environmental Science and Pollution Research*, **2015**, 22, 10009-18	5.1	29
75	Are levels of perfluoroalkyl substances in soil related to urbanization in rapidly developing coastal areas in North China?. *Environmental Pollution*, **2015**, 199, 102-9	9.3	44

74	Transport of short-chain perfluoroalkyl acids from concentrated fluoropolymer facilities to the Daling River estuary, China. *Environmental Science and Pollution Research*, **2015**, 22, 9626-36	5.1	33
73	Impacts of soil and water pollution on food safety and health risks in China. *Environment International*, **2015**, 77, 5-15	12.9	581
72	Using gridded multimedia model to simulate spatial fate of Benzo[]pyrene on regional scale. *Environment International*, **2014**, 63, 53-63	12.9	29
71	Perfluoroalkyl substances and organochlorine pesticides in sediments from Huaihe watershed in China. *Journal of Environmental Sciences*, **2014**, 26, 2198-206	6.4	13
70	Ecological risks of polycyclic aromatic hydrocarbons found in coastal sediments along the northern shores of the Bohai Sea (China). *Chemistry and Ecology*, **2014**, 30, 501-512	2.3	4
69	Factors influencing polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran (PCDD/F) emissions and control in major industrial sectors: case evidence from Shandong Province, China. *Journal of Environmental Sciences*, **2014**, 26, 1513-22	6.4	5
68	Occurrence and transport of 17 perfluoroalkyl acids in 12 coastal rivers in south Bohai coastal region of China with concentrated fluoropolymer facilities. *Environmental Pollution*, **2014**, 190, 115-22	9.3	103
67	Perfluoroalkyl substances in soils around the Nepali Koshi River: levels, distribution, and mass balance. *Environmental Science and Pollution Research*, **2014**, 21, 9201-11	5.1	29
66	Benzene homologues in environmental matrixes from a pesticide chemical region in China: Occurrence, health risk and management. *Ecotoxicology and Environmental Safety*, **2014**, 104, 357-64	7	18
65	Effects of age, gender and region on serum concentrations of perfluorinated compounds in general population of Henan, China. *Chemosphere*, **2014**, 110, 104-10	8.4	29
64	Perfluoroalkyl and polyfluoroalkyl substances in sediments from South Bohai coastal watersheds, China. *Marine Pollution Bulletin*, **2014**, 85, 619-27	6.7	41
63	Associations between serum concentrations of perfluoroalkyl acids and serum lipid levels in a Chinese population. *Ecotoxicology and Environmental Safety*, **2014**, 106, 246-52	7	35
62	Historical trends of inorganic and organic fluorine in sediments of Lake Michigan. *Chemosphere*, **2014**, 114, 203-9	8.4	61
61	Why small and medium chemical companies continue to pose severe environmental risks in rural China. *Environmental Pollution*, **2014**, 185, 158-67	9.3	39
60	Ecological Risk Assessment of Arsenic and Metals in Surface Sediments from Estuarine and Coastal Areas of the Southern Bohai Sea, China. *Human and Ecological Risk Assessment (HERA)*, **2014**, 20, 388-401	4.9	21
59	Perfluorinated compounds and organochlorine pesticides in soils around Huaihe River: a heavily contaminated watershed in Central China. *Environmental Science and Pollution Research*, **2013**, 20, 3965-74	5.1	35
58	Multi-factors influencing the spatial distribution of polycyclic aromatic hydrocarbons in soils surrounding drinking water protection zone. *Journal of Environmental Sciences*, **2013**, 25, 1643-8	6.4	9
57	Integrated technology selection for energy conservation and PAHs control in iron and steel industry: Methodology and case study. *Energy Policy*, **2013**, 54, 194-203	7.2	17

56	Estimation of PFOS emission from domestic sources in the eastern coastal region of China. *Environment International*, **2013**, 59, 336-43	12.9	63
55	Industrial source identification and emission estimation of perfluorooctane sulfonate in China. *Environment International*, **2013**, 52, 1-8	12.9	226
54	Health risks associated with heavy metals in the drinking water of Swat, northern Pakistan. *Journal of Environmental Sciences*, **2013**, 25, 2003-13	6.4	113
53	Combined effects of cadmium and fluoranthene on germination, growth and photosynthesis of soybean seedlings. *Journal of Environmental Sciences*, **2013**, 25, 1936-46	6.4	31
52	A review of human exposure to polybrominated diphenyl ethers (PBDEs) in China. *International Journal of Hygiene and Environmental Health*, **2013**, 216, 607-23	6.9	112
51	Factors influencing the contents of metals and as in soils around the watershed of Guanting Reservoir, China. *Journal of Environmental Sciences*, **2013**, 25, 561-8	6.4	35
50	Polybrominated diphenyl ethers (PBDEs) in China: policies and recommendations for sound management of plastics from electronic wastes. *Journal of Environmental Management*, **2013**, 115, 114-23	7.9	79
49	Metals contamination along the watershed and estuarine areas of southern Bohai Sea, China. *Marine Pollution Bulletin*, **2013**, 74, 453-63	6.7	43
48	Perfluorinated compounds in soils from Liaodong Bay with concentrated fluorine industry parks in China. *Chemosphere*, **2013**, 91, 751-7	8.4	75
47	Heavy metals in agricultural soils and crops and their health risks in Swat District, northern Pakistan. *Food and Chemical Toxicology*, **2013**, 58, 449-58	4.7	182
46	Polycyclic aromatic hydrocarbons in soils along the coastal and estuarine areas of the northern Bohai and Yellow Seas, China. *Environmental Monitoring and Assessment*, **2013**, 185, 8185-95	3.1	20
45	Environmental concentrations and bioaccumulations of cadmium and zinc in coastal watersheds along the Chinese Northern Bohai and Yellow Seas. *Environmental Toxicology and Chemistry*, **2013**, 32, 831-40	3.8	20
44	Mercury in coastal watersheds along the Chinese Northern Bohai and Yellow Seas. *Journal of Hazardous Materials*, **2012**, 215-216, 199-207	12.8	25
43	AhR-mediated potency of sediments and soils in estuarine and coastal areas of the Yellow Sea region: a comparison between Korea and China. *Environmental Pollution*, **2012**, 171, 216-25	9.3	41
42	Perfluorinated compounds in surface waters from Northern China: comparison to level of industrialization. *Environment International*, **2012**, 42, 37-46	12.9	103
41	Perfluorinated compounds in a coastal industrial area of Tianjin, China. *Environmental Geochemistry and Health*, **2012**, 34, 301-11	4.7	34
40	PAHs in surface sediments from coastal and estuarine areas of the northern Bohai and Yellow Seas, China. *Environmental Geochemistry and Health*, **2012**, 34, 445-56	4.7	44
39	Perfluorinated compounds in estuarine and coastal areas of north Bohai Sea, China. *Marine Pollution Bulletin*, **2011**, 62, 1905-14	6.7	83

38	Environmental pollution by persistent toxic substances and health risk in an industrial area of China. *Journal of Environmental Sciences*, **2011**, 23, 1359-67	6.4	31
37	Sources and distribution of polychlorinated-dibenzo-p-dioxins and -dibenzofurans in soil and sediment from the Yellow Sea region of China and Korea. *Environmental Pollution*, **2011**, 159, 907-17	9.3	32
36	Perfluorinated compounds in water, sediment and soil from Guanting Reservoir, China. *Bulletin of Environmental Contamination and Toxicology*, **2011**, 87, 74-9	2.7	55
35	Perfluorinated compounds in water and sediment from coastal regions of the northern Bohai Sea, China. *Chemistry and Ecology*, **2011**, 27, 165-176	2.3	31
34	Status and fuzzy comprehensive assessment of metals and arsenic contamination in farmland soils along the Yanghe River, China. *Chemistry and Ecology*, **2011**, 27, 415-426	2.3	18
33	Perfluorinated Compounds in Aquatic Products from Bohai Bay, Tianjin, China. *Human and Ecological Risk Assessment (HERA)*, **2011**, 17, 1279-1291	4.9	16
32	Knowledge, attitude and practices toward dioxins in China's waste incineration industry and coking industry. *International Journal of Environment and Pollution*, **2011**, 45, 385	0.7	
31	Organochlorine pesticides (HCHs and DDTs) in soils along the north coastal areas of the Bohai Sea, China. *Chemistry and Ecology*, **2010**, 26, 339-352	2.3	12
30	Hexachlorobenzene sources, levels and human exposure in the environment of China. *Environment International*, **2010**, 36, 122-130	12.9	75
29	Polycyclic aromatic hydrocarbons in soils of an industrial area of China: multivariate analyses and geostatistics. *Chemistry and Ecology*, **2010**, 26, 35-48	2.3	5
28	Evaluation and Spatial Diffusion of Health Risk of Persistent Organic Pollutants (POPs) in Soils Surrounding Chemical Industrial Parks in China. *Human and Ecological Risk Assessment (HERA)*, **2010**, 16, 989-1006	4.9	12
27	HCH and DDT in sediments from marine and adjacent riverine areas of North Bohai Sea, China. *Archives of Environmental Contamination and Toxicology*, **2010**, 59, 71-9	3.2	38
26	Effects of energy conservation in major energy-intensive industrial sectors on emissions of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in China. *Energy Policy*, **2010**, 38, 2346-2356	7.2	19
25	Ecological risk assessment of arsenic and metals in sediments of coastal areas of northern Bohai and Yellow Seas, China. *Ambio*, **2010**, 39, 367-75	6.5	102
24	Factors affecting HCH and DDT in soils around watersheds of Beijing reservoirs, China. *Environmental Geochemistry and Health*, **2010**, 32, 85-94	4.7	15
23	Spatial variability and temporal trends of HCH and DDT in soils around Beijing Guanting Reservoir, China. *Environmental Geochemistry and Health*, **2010**, 32, 441-9	4.7	11
22	Perfluorinated compounds in water, sediment, soil and biota from estuarine and coastal areas of Korea. *Environmental Pollution*, **2010**, 158, 1237-44	9.3	201
21	Factors influencing the spatial distribution of organochlorine pesticides in soils surrounding chemical industrial parks. *Journal of Environmental Quality*, **2009**, 38, 180-7	3.4	21

20	Polycyclic aromatic hydrocarbons in soils around Guanting Reservoir, Beijing, China. *Chemistry and Ecology*, **2009**, 25, 39-48	2.3	24
19	Regional differences and sources of organochlorine pesticides in soils surrounding chemical industrial parks. *Environmental Monitoring and Assessment*, **2009**, 152, 259-69	3.1	19
18	Distribution and sources of mercury in soils from former industrialized urban areas of Beijing, China. *Environmental Monitoring and Assessment*, **2009**, 158, 507-17	3.1	18
17	Identification of sources of elevated concentrations of polycyclic aromatic hydrocarbons in an industrial area in Tianjin, China. *Environmental Monitoring and Assessment*, **2009**, 158, 581-92	3.1	32
16	Distribution of copper, cadmium, and lead in soils from former industrialized urban areas of Beijing, China. *Bulletin of Environmental Contamination and Toxicology*, **2009**, 82, 378-83	2.7	6
15	Organochlorine pesticides in soils around watersheds of Beijing reservoirs: a case study in Guanting and Miyun Reservoirs. *Bulletin of Environmental Contamination and Toxicology*, **2009**, 82, 694-700	2.7	11
14	Comparison of organochlorine pesticides occurrence, origin, and character in agricultural and industrial soils in Beijing. *Archives of Environmental Contamination and Toxicology*, **2009**, 57, 447-55	3.2	11
13	A review of spatial and temporal assessment of PFOS and PFOA contamination in China. *Chemistry and Ecology*, **2009**, 25, 163-177	2.3	60
12	Pattern of patent-based environmental technology innovation in China. *Technological Forecasting and Social Change*, **2008**, 75, 1032-1042	9.5	66
11	Distribution and availability of arsenic in soils from the industrialized urban area of Beijing, China. *Chemosphere*, **2008**, 72, 797-802	8.4	33
10	Identification of anthropogenic influences on water quality of rivers in Taihu watershed. *Journal of Environmental Sciences*, **2007**, 19, 475-81	6.4	88
9	Exploration of relationships between phytoplankton biomass and related environmental variables using multivariate statistic analysis in a eutrophic shallow lake: a 5-year study. *Journal of Environmental Sciences*, **2007**, 19, 920-7	6.4	36
8	Effects of land use on concentrations of metals in surface soils and ecological risk around Guanting Reservoir, China. *Environmental Geochemistry and Health*, **2007**, 29, 459-71	4.7	118
7	Organochlorine pesticides in soils around Guanting Reservoir, China. *Environmental Geochemistry and Health*, **2007**, 29, 491-501	4.7	25
6	Multivariate analysis of interactions between phytoplankton biomass and environmental variables in Taihu Lake, China. *Environmental Monitoring and Assessment*, **2007**, 133, 243-53	3.1	20
5	Landscape ecology of the Guanting Reservoir, Beijing, China: multivariate and geostatistical analyses of metals in soils. *Environmental Pollution*, **2007**, 146, 567-76	9.3	82
4	Classification and ordination of DDT and HCH in soil samples from the Guanting Reservoir, China. *Chemosphere*, **2005**, 60, 762-9	8.4	70
3	A spatial temporal assessment of pollution from PCBs in China. *Chemosphere*, **2005**, 60, 731-9	8.4	246

2	Legal framework related to persistent organic pollutants (POPs) management in China. *Environmental Science and Policy*, **2005**, 8, 153-160	6.2	15
1	Residues of organic chlorinated pesticides in agricultural soils of Beijing, China. *Archives of Environmental Contamination and Toxicology*, **2005**, 49, 37-44	3.2	34