

# Jianhui Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

7,102  
citations

57758

44  
h-index

60623

81  
g-index

115  
all docs

115  
docs citations

115  
times ranked

6596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastic pollution is widely detected in US municipal wastewater treatment plant effluent. <i>Environmental Pollution</i> , 2016, 218, 1045-1054.	7.5	763
2	Occurrence and distribution of antibiotics in coastal water of the Bohai Bay, China: Impacts of river discharge and aquaculture activities. <i>Environmental Pollution</i> , 2011, 159, 2913-2920.	7.5	398
3	Occurrence and spatial distribution of organophosphate ester flame retardants and plasticizers in 40 rivers draining into the Bohai Sea, north China. <i>Environmental Pollution</i> , 2015, 198, 172-178.	7.5	319
4	Microplastic contamination in the San Francisco Bay, California, USA. <i>Marine Pollution Bulletin</i> , 2016, 109, 230-235.	5.0	298
5	Poly- and perfluoroalkyl substances in wastewater: Significance of unknown precursors, manufacturing shifts, and likely AFFF impacts. <i>Water Research</i> , 2016, 95, 142-149.	11.3	257
6	Alternative and Legacy Perfluoroalkyl Substances: Differences between European and Chinese River/Estuary Systems. <i>Environmental Science &amp; Technology</i> , 2015, 49, 8386-8395.	10.0	241
7	Antibiotics in the offshore waters of the Bohai Sea and the Yellow Sea in China: Occurrence, distribution and ecological risks. <i>Environmental Pollution</i> , 2013, 174, 71-77.	7.5	234
8	Occurrence and risks of antibiotics in the Laizhou Bay, China: Impacts of river discharge. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 208-215.	6.0	223
9	Occurrence and distribution of antibiotics in the Beibu Gulf, China: Impacts of river discharge and aquaculture activities. <i>Marine Environmental Research</i> , 2012, 78, 26-33.	2.5	200
10	Occurrence and risks of antibiotics in the coastal aquatic environment of the Yellow Sea, North China. <i>Science of the Total Environment</i> , 2013, 450-451, 197-204.	8.0	142
11	Levels and Mass Burden of DDTs in Sediments from Fishing Harbors: The Importance of DDT-Containing Antifouling Paint to the Coastal Environment of China. <i>Environmental Science &amp; Technology</i> , 2009, 43, 8033-8038.	10.0	136
12	Distribution and long-range transport of polyfluoroalkyl substances in the Arctic, Atlantic Ocean and Antarctic coast. <i>Environmental Pollution</i> , 2012, 170, 71-77.	7.5	130
13	Occurrences and distribution characteristics of organophosphate ester flame retardants and plasticizers in the sediments of the Bohai and Yellow Seas, China. <i>Science of the Total Environment</i> , 2018, 615, 1305-1311.	8.0	115
14	Molecular compositions and optical properties of dissolved brown carbon in biomass burning, coal combustion, and vehicle emission aerosols illuminated by excitation-emission matrix spectroscopy and Fourier transform ion cyclotron resonance mass spectrometry analysis. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 2513-2532.	4.9	111
15	Occurrence and dry deposition of organophosphate esters in atmospheric particles over the northern South China Sea. <i>Chemosphere</i> , 2015, 127, 195-200.	8.2	96
16	Indoor and outdoor carbonyl compounds in the hotel ballrooms in Guangzhou, China. <i>Atmospheric Environment</i> , 2004, 38, 103-112.	4.1	91
17	Characteristics of dissolved organic matter (DOM) and relationship with dissolved mercury in Xiaoqing River-Laizhou Bay estuary, Bohai Sea, China. <i>Environmental Pollution</i> , 2017, 223, 19-30.	7.5	90
18	Environmental occurrence and distribution of organic UV stabilizers and UV filters in the sediment of Chinese Bohai and Yellow Seas. <i>Environmental Pollution</i> , 2018, 235, 85-94.	7.5	89

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19	Characterization of brominated, chlorinated, and phosphate flame retardants in San Francisco Bay, an urban estuary. <i>Science of the Total Environment</i> , 2019, 652, 212-223.	8.0	87
20	Distribution and Air-Sea Exchange of Current-Use Pesticides (CUPs) from East Asia to the High Arctic Ocean. <i>Environmental Science &amp; Technology</i> , 2012, 46, 259-267.	10.0	83
21	Atmospheric polycyclic aromatic hydrocarbons in rural and urban areas of northern China. <i>Environmental Pollution</i> , 2014, 192, 83-90.	7.5	80
22	Levels, distributions and sources of veterinary antibiotics in the sediments of the Bohai Sea in China and surrounding estuaries. <i>Marine Pollution Bulletin</i> , 2016, 109, 597-602.	5.0	79
23	Occurrence and spatial distribution of organophosphorus flame retardants and plasticizers in the Bohai and Yellow Seas, China. <i>Marine Pollution Bulletin</i> , 2017, 121, 331-338.	5.0	76
24	From Sediment to Top Predators: Broad Exposure of Polyhalogenated Carbazoles in San Francisco Bay (U.S.A.). <i>Environmental Science &amp; Technology</i> , 2017, 51, 2038-2046.	10.0	74
25	Passage of fiproles and imidacloprid from urban pest control uses through wastewater treatment plants in northern California, USA. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1473-1482.	4.3	71
26	Perfluoroalkyl acids (PFAAs) in riverine and coastal sediments of Laizhou Bay, North China. <i>Science of the Total Environment</i> , 2013, 447, 415-423.	8.0	70
27	Spatial Distribution and Seasonal Variation of Organophosphate Esters in Air above the Bohai and Yellow Seas, China. <i>Environmental Science &amp; Technology</i> , 2018, 52, 89-97.	10.0	68
28	Emissions of Per- and Polyfluoroalkyl Substances in a Textile Manufacturing Plant in China and Their Relevance for Workers' Exposure. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10386-10396.	10.0	67
29	Emerging and legacy per- and polyfluoroalkyl substances in water, sediment, and air of the Bohai Sea and its surrounding rivers. <i>Environmental Pollution</i> , 2020, 263, 114391.	7.5	66
30	Occurrence and spatial distribution of phthalate esters in sediments of the Bohai and Yellow seas. <i>Science of the Total Environment</i> , 2019, 653, 792-800.	8.0	65
31	Perfluoroalkyl and polyfluoroalkyl substances in the lower atmosphere and surface waters of the Chinese Bohai Sea, Yellow Sea, and Yangtze River estuary. <i>Science of the Total Environment</i> , 2017, 599-600, 114-123.	8.0	61
32	Volatile organic compounds in a multi-storey shopping mall in Guangzhou, South China. <i>Atmospheric Environment</i> , 2005, 39, 7374-7383.	4.1	60
33	Polybrominated diphenyl ethers (PBDEs) and alternative brominated flame retardants (aBFRs) in sediments from four bays of the Yellow Sea, North China. <i>Environmental Pollution</i> , 2016, 213, 386-394.	7.5	60
34	Mixing ratios and sources of halocarbons in urban, semi-urban and rural sites of the Pearl River Delta, South China. <i>Atmospheric Environment</i> , 2006, 40, 7331-7345.	4.1	58
35	Distribution of atmospheric particulate matter (PM) in rural field, rural village and urban areas of northern China. <i>Environmental Pollution</i> , 2014, 185, 134-140.	7.5	58
36	Flux and budget of BC in the continental shelf seas adjacent to Chinese high BC emission source regions. <i>Global Biogeochemical Cycles</i> , 2015, 29, 957-972.	4.9	57

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37	Per- and poly-fluoroalkyl substances (PFASs) in the urban, industrial, and background atmosphere of Northeastern China coast around the Bohai Sea: Occurrence, partitioning, and seasonal variation. <i>Atmospheric Environment</i> , 2017, 167, 150-158.	4.1	57
38	Occurrence and spatial distribution of organophosphorus flame retardants and plasticizers in the Bohai, Yellow and East China seas. <i>Science of the Total Environment</i> , 2020, 741, 140434.	8.0	55
39	Seasonal variations and spatial distributions of perfluoroalkyl substances in the rivers Elbe and lower Weser and the North Sea. <i>Chemosphere</i> , 2015, 129, 118-125.	8.2	54
40	Polybrominated diphenyl ethers (PBDEs) in the riverine and marine sediments of the Laizhou Bay area, North China. <i>Journal of Environmental Monitoring</i> , 2011, 13, 886.	2.1	51
41	Levels and distributions of PBDEs and PCBs in sediments of the Bohai Sea, North China. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1234.	2.1	50
42	Polychlorinated naphthalenes (PCNs) in riverine and marine sediments of the Laizhou Bay area, North China. <i>Environmental Pollution</i> , 2011, 159, 3515-3521.	7.5	50
43	Levels and distribution of Dechlorane Plus in coastal sediments of the Yellow Sea, North China. <i>Chemosphere</i> , 2011, 83, 984-990.	8.2	50
44	First Report on the Bioaccumulation and Trophic Transfer of Perfluoroalkyl Ether Carboxylic Acids in Estuarine Food Web. <i>Environmental Science &amp; Technology</i> , 2022, 56, 6046-6055.	10.0	49
45	Implications of changing urban and rural emissions on non-methane hydrocarbons in the Pearl River Delta region of China. <i>Atmospheric Environment</i> , 2008, 42, 3780-3794.	4.1	48
46	Occurrence and ecological risk assessment of neonicotinoids and related insecticides in the Bohai Sea and its surrounding rivers, China. <i>Water Research</i> , 2022, 209, 117912.	11.3	46
47	Characteristics and sources of non-methane hydrocarbons in background atmospheres of eastern, southwestern, and southern China. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	45
48	Spatial distribution and seasonal variation of four current-use pesticides (CUPs) in air and surface water of the Bohai Sea, China. <i>Science of the Total Environment</i> , 2018, 621, 516-523.	8.0	45
49	Methods Matter: Methods for Sampling Microplastic and Other Anthropogenic Particles and Their Implications for Monitoring and Ecological Risk Assessment. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 282-291.	2.9	45
50	Per- and polyfluoroalkyl substances in Chinese and German river water – Point source- and country-specific fingerprints including unknown precursors. <i>Environmental Pollution</i> , 2020, 267, 115567.	7.5	43
51	Summer atmospheric polybrominated diphenyl ethers in urban and rural areas of northern China. <i>Environmental Pollution</i> , 2012, 171, 234-240.	7.5	41
52	From headwaters to estuary: Distribution and fate of halogenated flame retardants (HFRs) in a river basin near the largest HFR manufacturing base in China. <i>Science of the Total Environment</i> , 2018, 621, 1370-1377.	8.0	40
53	Distribution and dry deposition of alternative and legacy perfluoroalkyl and polyfluoroalkyl substances in the air above the Bohai and Yellow Seas, China. <i>Atmospheric Environment</i> , 2018, 192, 128-135.	4.1	40
54	Declines in Polybrominated Diphenyl Ether Contamination of San Francisco Bay following Production Phase-Outs and Bans. <i>Environmental Science &amp; Technology</i> , 2015, 49, 777-784.	10.0	37

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55	Organochlorine pesticides in sediments of Laizhou Bay and its adjacent rivers, North China. <i>Marine Pollution Bulletin</i> , 2011, 62, 2543-2547.	5.0	36
56	Exchange of polycyclic aromatic hydrocarbons across the air-water interface in the Bohai and Yellow Seas. <i>Atmospheric Environment</i> , 2016, 141, 153-160.	4.1	36
57	Neutral polyfluoroalkyl substances in the atmosphere over the northern South China Sea. <i>Environmental Pollution</i> , 2016, 214, 449-455.	7.5	34
58	Fates and ecological effects of current-use pesticides (CUPs) in a typical river-estuarine system of Laizhou Bay, North China. <i>Environmental Pollution</i> , 2019, 252, 573-579.	7.5	34
59	Glycerol dialkyl glycerol tetraethers in surficial coastal and open marine sediments around China: Indicators of sea surface temperature and effects of their sources. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 395, 114-121.	2.3	33
60	Spatiotemporal variability of hydrocarbons in surface sediments from an intensively human-impacted Xiaoqing River-Laizhou Bay system in the eastern China: Occurrence, compositional profile and source apportionment. <i>Science of the Total Environment</i> , 2018, 645, 1172-1182.	8.0	33
61	Overall comparison and source identification of PAHs in the sediments of European Baltic and North Seas, Chinese Bohai and Yellow Seas. <i>Science of the Total Environment</i> , 2020, 737, 139535.	8.0	33
62	Levels, spatial distribution and sources of selected antibiotics in the East River (Dongjiang), South China. <i>Aquatic Ecosystem Health and Management</i> , 2012, 15, 210-218.	0.6	32
63	Sources, distributions, and burial efficiency of terrigenous organic matter in surface sediments from the Yellow River mouth, northeast China. <i>Organic Geochemistry</i> , 2018, 118, 89-102.	1.8	32
64	Using fecal sterols to assess dynamics of sewage input in sediments along a human-impacted river-estuary system in eastern China. <i>Science of the Total Environment</i> , 2018, 636, 787-797.	8.0	32
65	Selected current-use and historic-use pesticides in air and seawater of the Bohai and Yellow Seas, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 1073-1086.	3.3	31
66	Toxicological effects of tris(2-chloropropyl) phosphate in human hepatic cells. <i>Chemosphere</i> , 2017, 187, 88-96.	8.2	31
67	High-resolution sedimentary records of some organochlorine pesticides in Yamzho Yumco Lake of the Tibetan Plateau: Concentration and composition. <i>Science of the Total Environment</i> , 2018, 615, 469-475.	8.0	31
68	Temporal variations and potential sources of organophosphate esters in PM2.5 in Xinxiang, North China. <i>Chemosphere</i> , 2019, 215, 500-506.	8.2	28
69	Legacy and novel halogenated flame retardants in seawater and atmosphere of the Bohai Sea: Spatial trends, seasonal variations, and influencing factors. <i>Water Research</i> , 2020, 184, 116117.	11.3	28
70	Regional variations of organophosphorus flame retardants - Fingerprint of large river basin estuaries/deltas in Europe compared with China. <i>Environmental Pollution</i> , 2018, 236, 391-395.	7.5	26
71	Assessing on toxic potency of PM2.5-bound polycyclic aromatic hydrocarbons at a national atmospheric background site in North China. <i>Science of the Total Environment</i> , 2018, 612, 330-338.	8.0	25
72	Spatio-temporal variations and input patterns on the legacy and novel brominated flame retardants (BFRs) in coastal rivers of North China. <i>Environmental Pollution</i> , 2021, 283, 117093.	7.5	25

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73	Halogenated flame retardants in the sediments of the Chinese Yellow Sea and East China Sea. <i>Chemosphere</i> , 2019, 234, 365-372.	8.2	23
74	Beyond the Tip of the Iceberg: Suspect Screening Reveals Point Source-Specific Patterns of Emerging and Novel Per- and Polyfluoroalkyl Substances in German and Chinese Rivers. <i>Environmental Science &amp; Technology</i> , 2022, 56, 5456-5465.	10.0	23
75	Assessing Environmental Fate of $\hat{1}^2$ -HCH in Asian Soil and Association with Environmental Factors. <i>Environmental Science &amp; Technology</i> , 2012, 46, 9525-9532.	10.0	22
76	Spatial distribution of perfluoroalkyl acids in surface sediments of the German Bight, North Sea. <i>Science of the Total Environment</i> , 2015, 511, 145-152.	8.0	22
77	Short- and medium-chain chlorinated paraffins in sediments from the Laizhou Bay area, North China: Implications for transportation from rivers to marine environment. <i>Environmental Pollution</i> , 2018, 243, 1460-1468.	7.5	22
78	Measurement report: Long-emission-wavelength chromophores dominate the light absorption of brown carbon in aerosols over Bangkok: impact from biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11337-11352.	4.9	22
79	Modeling redistribution of $\hat{1}^{\pm}$ -HCH in Chinese soil induced by environment factors. <i>Environmental Pollution</i> , 2011, 159, 2961-2967.	7.5	21
80	An improved inventory of polychlorinated biphenyls in China: A case study on PCB-153. <i>Atmospheric Environment</i> , 2018, 183, 40-48.	4.1	20
81	Decabromodiphenyl Ether versus Decabromodiphenyl Ethane: Source, Fate, and Influencing Factors in a Coastal Sea Nearing Source Region. <i>Environmental Science &amp; Technology</i> , 2021, 55, 7376-7385.	10.0	20
82	Parent, Alkylated, and Sulfur/Oxygen-Containing Polycyclic Aromatic Hydrocarbons in Mainstream Smoke from 13 Brands of Chinese Cigarettes. <i>Environmental Science &amp; Technology</i> , 2015, 49, 9012-9019.	10.0	19
83	Source identification of chromium in the sediments of the Xiaoqing River and Laizhou Bay: A chromium stable isotope perspective. <i>Environmental Pollution</i> , 2020, 264, 114686.	7.5	19
84	Currently used pesticides, hexachlorobenzene and hexachlorocyclohexanes in the air and seawater of the German Bight (North Sea). <i>Environmental Chemistry</i> , 2012, 9, 405.	1.5	18
85	Selected current-use pesticides (CUPs) in coastal and offshore sediments of Bohai and Yellow seas. <i>Environmental Science and Pollution Research</i> , 2015, 22, 1653-1661.	5.3	18
86	Light absorption and emissions inventory of humic-like substances from simulated rainforest biomass burning in Southeast Asia. <i>Environmental Pollution</i> , 2020, 262, 114266.	7.5	18
87	Influence of monsoon system on $\hat{1}^{\pm}$ -HCH fate in Asia: A model study from 1948 to 2008. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6764-6770.	3.3	17
88	Distributions, transports and fates of short- and medium-chain chlorinated paraffins in a typical river-estuary system. <i>Science of the Total Environment</i> , 2021, 751, 141769.	8.0	17
89	Magnetic properties of the surface sediments in the Yellow River Estuary and Laizhou Bay, Bohai Sea, China: Implications for monitoring heavy metals. <i>Journal of Hazardous Materials</i> , 2021, 410, 124579.	12.4	16
90	Assessing Cancer Risk in China from $\hat{1}^3$ -Hexachlorocyclohexane Emitted from Chinese and Indian Sources. <i>Environmental Science &amp; Technology</i> , 2013, 47, 7242-7249.	10.0	15

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91	Organophosphate flame retardants, tetrabromobisphenol A, and their transformation products in sediment of e-waste dismantling areas and the flame-retardant production base. <i>Ecotoxicology and Environmental Safety</i> , 2021, 225, 112717.	6.0	15
92	Vulnerability of Eco-Hydrological Environment in the Yellow River Delta Wetland. <i>Journal of Coastal Research</i> , 2014, 294, 344-350.	0.3	14
93	Sources and preservation of sedimentary organic matter in the Southern Bohai Sea and the Yellow Sea: Evidence from lipid biomarkers. <i>Marine Pollution Bulletin</i> , 2014, 86, 210-218.	5.0	14
94	Occurrence and Sources of Pesticides to Urban Wastewater and the Environment. <i>ACS Symposium Series</i> , 2019, , 63-88.	0.5	11
95	Photochemistry of Volatile Organic Compounds in the Yellow River Delta, China: Formation of O <sub>3</sub> and Peroxyacyl Nitrates. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035296.	3.3	11
96	Diffusive gradients in thin films (DGT) probe for effectively sampling of per- and polyfluoroalkyl substances in waters and sediments. <i>Journal of Environmental Sciences</i> , 2022, 121, 90-97.	6.1	10
97	Spatial Distributions and Seasonal Variations of Dissolved Black Carbon in the Bohai Sea, China. <i>Journal of Coastal Research</i> , 2016, 74, 214-227.	0.3	9
98	A nitrate budget of the Bohai Sea based on an isotope mass balance model. <i>Biogeosciences</i> , 2022, 19, 2397-2415.	3.3	9
99	Magnetic fingerprints of surface sediment in the Bohai Sea, China. <i>Marine Geology</i> , 2020, 427, 106226.	2.1	8
100	Multi-box mass balance model of PFOA and PFOS in different regions of San Francisco Bay. <i>Chemosphere</i> , 2020, 252, 126454.	8.2	8
101	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.	10.0	7
102	Habitat-dependent trophic transfer of legacy and emerging halogenated flame retardants in estuarine and coastal food webs near a source region. <i>Environmental Pollution</i> , 2022, 300, 118987.	7.5	7
103	Nitrate Regeneration and Loss in the Central Yellow Sea Bottom Water Revealed by Nitrogen Isotopes. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	6
104	Source, fate and budget of Dechlorane Plus (DP) in a typical semi-closed sea, China. <i>Environmental Pollution</i> , 2021, 269, 116214.	7.5	5
105	From headwaters to estuary: distribution, sources, and ecological risk of polycyclic aromatic hydrocarbons in an intensively human-impacted river, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 36604-36614.	5.3	4
106	Constraining Emission Estimates of CFC-11 in Eastern China Based on Local Observations at Surface Stations and Mount Tai. <i>Environmental Science and Technology Letters</i> , 0, , .	8.7	4