

Xinhong Wang

List of Publications by Year in descending order

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papers

1,356
citations

257101

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docs citations

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times ranked

1408
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative embryotoxicity of phenanthrene and alkyl-phenanthrene to marine medaka (<i>Oryzias</i>) Tj ETQq1 1 0.784314 rgBT/Overlook	2.3	61
2	Seasonal Variation of Terrigenous Polycyclic Aromatic Hydrocarbons along the Marginal Seas of China: Input, Phase Partitioning, and Ocean-Current Transport. <i>Environmental Science & Technology</i> , 2017, 51, 9072-9079.	4.6	56
3	Occurrence and partitioning behavior of per- and polyfluoroalkyl substances (PFASs) in water and sediment from the Jiulong Estuary-Xiamen Bay, China. <i>Chemosphere</i> , 2020, 238, 124578.	4.2	54
4	Environmental behavior of organotin compounds in the coastal environment of Xiamen, China. <i>Marine Pollution Bulletin</i> , 2008, 57, 419-424.	2.3	51
5	Temporal trends and transport of perfluoroalkyl substances (PFASs) in a subtropical estuary: Jiulong River Estuary, Fujian, China. <i>Science of the Total Environment</i> , 2018, 639, 263-270.	3.9	49
6	Seasonal variation and spatial transport of polycyclic aromatic hydrocarbons in water of the subtropical Jiulong River watershed and estuary, Southeast China. <i>Chemosphere</i> , 2019, 234, 215-223.	4.2	47
7	Uptake, absorption efficiency and elimination of DDT in marine phytoplankton, copepods and fish. <i>Environmental Pollution</i> , 2005, 136, 453-464.	3.7	44
8	Polybrominated diphenyl ethers, organochlorine pesticides, and polycyclic aromatic hydrocarbons in water from the Jiulong River Estuary, China: levels, distributions, influencing factors, and risk assessment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8933-8945.	2.7	43
9	Nationwide distribution and potential risk of bisphenol analogues in Indian waters. <i>Ecotoxicology and Environmental Safety</i> , 2020, 200, 110718.	2.9	43
10	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.	4.6	40
11	Per- and polyfluoroalkyl substances in surface water, gas and particle in open ocean and coastal environment. <i>Chemosphere</i> , 2021, 272, 129869.	4.2	39
12	Ecological interception effect of mangroves on microplastics. <i>Journal of Hazardous Materials</i> , 2022, 423, 127231.	6.5	39
13	Long-Term Spatio-Temporal Trends of Organotin Contaminations in the Marine Environment of Hong Kong. <i>PLoS ONE</i> , 2016, 11, e0155632.	1.1	38
14	Influence of triphenyltin exposure on the hypothalamus-pituitary-gonad axis in male <i>Sebastiscus marmoratus</i> . <i>Aquatic Toxicology</i> , 2011, 104, 263-269.	1.9	34
15	Mechanisms of hexabromocyclododecanes induced developmental toxicity in marine medaka (<i>Oryzias</i>) Tj ETQq1 1 0.784314 rgBT/Overlook	1.9	34
16	Over 100-year sedimentary record of polycyclic aromatic hydrocarbons (PAHs) and organochlorine compounds (OCs) in the continental shelf of the East China Sea. <i>Environmental Pollution</i> , 2016, 219, 774-784.	3.7	34
17	Bioconcentration, metabolism, and biomarker responses in marine medaka (<i>Oryzias melastigma</i>) exposed to sulfamethazine. <i>Aquatic Toxicology</i> , 2016, 181, 29-36.	1.9	34
18	Microstructure and Tribological Behavior of Laser in Situ Synthesized TiC-Reinforced Fe-Based Composite Coatings. <i>Tribology Letters</i> , 2011, 43, 295-301.	1.2	33

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19	Perfluoroalkyl substances in water, sediment, and fish from a subtropical river of China: Environmental behaviors and potential risk. <i>Chemosphere</i> , 2022, 288, 132513.	4.2	33
20	Distributions of organochlorine compounds in sediments from Jiulong River Estuary and adjacent Western Taiwan Strait: Implications of transport, sources and inventories. <i>Environmental Pollution</i> , 2016, 219, 519-527.	3.7	31
21	Concentration, distribution and sources of perfluoroalkyl substances and organochlorine pesticides in surface sediments of the northern Bering Sea, Chukchi Sea and adjacent Arctic Ocean. <i>Chemosphere</i> , 2019, 235, 959-968.	4.2	31
22	Vertical distribution and river-sea transport of microplastics with tidal fluctuation in a subtropical estuary, China. <i>Science of the Total Environment</i> , 2022, 822, 153603.	3.9	29
23	Impacts of Seasonal Variation on Organochlorine Pesticides in the East China Sea and Northern South China Sea. <i>Environmental Science & Technology</i> , 2019, 53, 13088-13097.	4.6	28
24	Transport of terrigenous polycyclic aromatic hydrocarbons affected by the coastal upwelling in the northwestern coast of South China Sea. <i>Environmental Pollution</i> , 2017, 229, 60-68.	3.7	26
25	Development, validation, comparison, and implementation of a highly efficient and effective method using magnetic solid-phase extraction with hydrophilic-lipophilic-balanced materials for LC-MS/MS analysis of pesticides in seawater. <i>Science of the Total Environment</i> , 2020, 708, 135221.	3.9	26
26	Fossil Fuel-Derived Polycyclic Aromatic Hydrocarbons in the Taiwan Strait, China, and Fluxes across the Air-Water Interface. <i>Environmental Science & Technology</i> , 2018, 52, 7307-7316.	4.6	25
27	Gender differences in TBT accumulation and transformation in <i>Thais clavigera</i> after aqueous and dietary exposure. <i>Aquatic Toxicology</i> , 2010, 99, 413-422.	1.9	24
28	Metabolomic analysis of short-term sulfamethazine exposure on marine medaka (<i>Oryzias melastigma</i>) by comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry. <i>Aquatic Toxicology</i> , 2018, 198, 269-275.	1.9	24
29	Anthropogenic organochlorine compounds as potential tracers for regional water masses: A case study of estuarine plume, coastal eddy, wind-driven upwelling and long-range warm current. <i>Chemosphere</i> , 2017, 170, 75-82.	4.2	22
30	Occurrence and trophic magnification profile of triphenyltin compounds in marine mammals and their corresponding food webs. <i>Environment International</i> , 2020, 137, 105567.	4.8	20
31	Occurrence, ecological and human health risks of phenyltin compounds in the marine environment of Hong Kong. <i>Marine Pollution Bulletin</i> , 2020, 154, 111093.	2.3	19
32	Stage-specific malformations and phenotypic changes induced in embryos of amphibian (<i>Xenopus laevis</i>) by triphenyltin compounds. <i>Environmental Pollution</i> , 2019, 248, 113011.	2.9	18
33	Accumulation of perfluoroalkyl substances in lysimeter-grown rice in Japan using tap water and simulated contaminated water. <i>Chemosphere</i> , 2019, 231, 502-509.	4.2	18
34	Vertical distribution of perfluoroalkyl substances in water columns around the Japan sea and the Mediterranean Sea. <i>Chemosphere</i> , 2019, 231, 487-494.	4.2	18
35	Evaluation of marine sediment contamination by polycyclic aromatic hydrocarbons along the Karachi coast, Pakistan, 11 years after the Tasman Spirit oil spill. <i>Chemosphere</i> , 2019, 233, 652-659.	4.2	17
36	Kinetic characteristics of mobile Mo associated with Mn, Fe and S redox geochemistry in estuarine sediments. <i>Journal of Hazardous Materials</i> , 2021, 418, 126200.	6.5	16

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37	High-resolution characterization of arsenic mobility and its correlation to labile iron and manganese in sediments of a shallow eutrophic lake in China. <i>Journal of Soils and Sediments</i> , 2018, 18, 2093-2106.	1.5	15
38	Particle size distribution, wet deposition and scavenging effect of per- and polyfluoroalkyl substances (PFASs) in the atmosphere from a subtropical city of China. <i>Science of the Total Environment</i> , 2022, 823, 153528.	3.9	15
39	Neutral and ionizable per-and polyfluoroalkyl substances in the urban atmosphere: Occurrence, sources and transport. <i>Science of the Total Environment</i> , 2022, 823, 153794.	3.9	12
40	Comparative developmental toxicity of eight typical organic pollutants to red sea bream (<i>Pagrosomus</i>) Tj ETQq0 0 0.014314 rgBT /Overlock 10 T	2.7	11
41	The importance of compound-specific radiocarbon analysis in source identification of polycyclic aromatic hydrocarbons: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 937-978.	6.6	11
42	Distribution and isotopic composition of sedimentary black carbon in a subtropical estuarine-coastal region of the western Taiwan Strait: Implications for tracing anthropogenic inputs. <i>Science of the Total Environment</i> , 2019, 684, 509-518.	3.9	10
43	Spatial-temporal distribution and transport flux of polycyclic aromatic hydrocarbons in a large hydropower reservoir of Southeast China: Implication for impoundment impacts. <i>Environmental Pollution</i> , 2020, 257, 113603.	3.7	10
44	Compound-specific radiocarbon reveals sources and landâ€“sea transport of polycyclic aromatic hydrocarbons in an urban estuary. <i>Water Research</i> , 2021, 198, 117134.	5.3	10
45	Legacy and emerging persistent organic pollutants in the marginal seas of China: Occurrence and phase partitioning. <i>Science of the Total Environment</i> , 2022, 827, 154274.	3.9	10
46	DISTRIBUTION AND TRANSPORTATION OF POLYCYCLIC AROMATIC HYDROCARBONS IN SUSPENDED PARTICULATE MATTER AND SURFACE SEDIMENT FROM THE PEARL RIVER ESTUARY. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2002, 37, 451-463.	0.9	8
47	Near-visible-light-driven noble metal-free of reduced graphene oxide nanosheets over CeO ₂ nanowires for hydrogen production. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 107, 139-151.	2.7	8
48	High-resolution characterization of labile phosphorus, iron, and manganese in sediments of different trophic waters in Lake Taihu, China. <i>Water Science and Technology</i> , 2018, 77, 286-295.	1.2	7
49	A 3D-hydrodynamic model for predicting the environmental fate of chemical pollutants in Xiamen Bay, southeast China. <i>Environmental Pollution</i> , 2020, 256, 113000.	3.7	7
50	Remobilization and hypoxia-dependent migration of phosphorus at the coastal sediment-water interface. <i>Journal of Hazardous Materials</i> , 2021, 411, 125078.	6.5	7
51	Occurrence, partitioning behavior and risk assessments of per- and polyfluoroalkyl substances in water, sediment and biota from the Dongshan Bay, China. <i>Chemosphere</i> , 2022, 291, 132812.	4.2	7
52	Magnetic polymer particles as a highly efficient and facile cleanup adsorbent for multi-pesticide residues analysis in aquatic products. <i>Ecotoxicology and Environmental Safety</i> , 2022, 241, 113830.	2.9	7
53	Holocene organic geochemical record from the Western Indus continental shelf (northern Arabian) Tj ETQq1 1 0.784314 rgBT /Overlock 2	0.9	2
54	Assessment of reproductive disorder (imposex) induced by tributyltins in marine gastropods. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1987-1993.	0.2	1