Jing You

List of Publications by Year in descending order

156 papers	5,773 citations	81743 39 h-index	95083 68 g-index
159 all docs	159 docs citations	159 times ranked	4557 citing authors

#	Article	IF	Citations
1	Aquatic Toxicity Due to Residential Use of Pyrethroid Insecticides. Environmental Science & Technology, 2005, 39, 9778-9784.	4.6	282
2	Distribution and Toxicity of Sediment-Associated Pesticides in Agriculture-Dominated Water Bodies of California's Central Valley. Environmental Science & Technology, 2004, 38, 2752-2759.	4.6	260
3	Pyrethroid Insecticides and Sediment Toxicity in Urban Creeks from California and Tennessee. Environmental Science & Technology, 2006, 40, 1700-1706.	4.6	244
4	Global occurrence of pyrethroid insecticides in sediment and the associated toxicological effects on benthic invertebrates: An overview. Journal of Hazardous Materials, 2017, 324, 258-271.	6.5	221
5	Bioavailability and soil-to-crop transfer of heavy metals in farmland soils: A case study in the Pearl River Delta, South China. Environmental Pollution, 2018, 235, 710-719.	3.7	211
6	Microplastic Impacts on Microalgae Growth: Effects of Size and Humic Acid. Environmental Science & Technology, 2020, 54, 1782-1789.	4.6	207
7	Passive sampling methods for contaminated sediments: Scientific rationale supporting use of freely dissolved concentrations. Integrated Environmental Assessment and Management, 2014, 10, 197-209.	1.6	153
8	Temperature as a toxicity identification evaluation tool for pyrethroid insecticides: Toxicokinetic confirmation. Environmental Toxicology and Chemistry, 2009, 28, 1051-1058.	2.2	143
9	Comparison of Chemical Approaches for Assessing Bioavailability of Sediment-Associated Contaminants. Environmental Science & Technology, 2006, 40, 6348-6353.	4.6	132
10	The washout effects of rainfall on atmospheric particulate pollution in two Chinese cities. Environmental Pollution, 2016, 215, 195-202.	3.7	110
11	Whole sediment toxicity identification evaluation tools for pyrethroid insecticides: III. Temperature manipulation. Environmental Toxicology and Chemistry, 2009, 28, 173-180.	2.2	90
12	Mitigating pesticide pollution in China requires law enforcement, farmer training, and technological innovation. Environmental Toxicology and Chemistry, 2014, 33, 963-971.	2.2	87
13	Occurrence, seasonal variation and inhalation exposure of atmospheric organophosphate and pyrethroid pesticides in an urban community in South China. Chemosphere, 2014, 95, 363-369.	4.2	87
14	Bioavailability of PCBs from field-collected sediments: Application of Tenax extraction and matrix-SPME techniques. Chemosphere, 2008, 71, 337-344.	4.2	86
15	Occurrence and distribution of sediment-associated insecticides in urban waterways in the Pearl River Delta, China. Chemosphere, 2011, 82, 1373-1379.	4.2	84
16	Chemical techniques for assessing bioavailability of sediment-associated contaminants: SPME versus Tenax extraction. Journal of Environmental Monitoring, 2011, 13, 792.	2.1	83
17	A Sonication Extraction Method for the Analysis of Pyrethroid, Organophosphate, and Organochlorine Pesticides from Sediment by Gas Chromatography with Electron-Capture Detection. Archives of Environmental Contamination and Toxicology, 2004, 47, 141-7.	2.1	82
18	Desorption of Hydrophobic Compounds from Laboratory-Spiked Sediments Measured by Tenax Absorbent and Matrix Solid-Phase Microextraction. Environmental Science & Technology, 2007, 41, 5672-5678.	4.6	80

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19	Effects of lead, cadmium, arsenic, and mercury co-exposure on children's intelligence quotient in an industrialized area of southern China. Environmental Pollution, 2018, 235, 47-54.	3.7	78
20	Developmental Toxicity of a Neonicotinoid Insecticide, Acetamiprid to Zebrafish Embryos. Journal of Agricultural and Food Chemistry, 2019, 67, 2429-2436.	2.4	78
21	Availability of polychlorinated biphenyls in fieldâ€contaminated sediment. Environmental Toxicology and Chemistry, 2007, 26, 1940-1948.	2.2	69
22	Identifying the Causes of Sediment-Associated Toxicity in Urban Waterways of the Pearl River Delta, China. Environmental Science & Technology, 2011, 45, 1812-1819.	4.6	66
23	Chemical availability and sediment toxicity of pyrethroid insecticides to Hyalella azteca: Application to field sediment with unexpectedly low toxicity. Environmental Toxicology and Chemistry, 2008, 27, 2124-2130.	2.2	65
24	SEDIMENTâ€ASSOCIATED PESTICIDES IN AN URBAN STREAM IN GUANGZHOU, CHINA: IMPLICATION OF A SHIFT IN PESTICIDE USE PATTERNS. Environmental Toxicology and Chemistry, 2013, 32, 1040-1047.	2.2	62
25	Aquatic Global Passive Sampling (AQUA-GAPS) Revisited: First Steps toward a Network of Networks for Monitoring Organic Contaminants in the Aquatic Environment. Environmental Science & Technology, 2017, 51, 1060-1067.	4.6	61
26	Occurrence and risk of neonicotinoid insecticides in surface water in a rapidly developing region: Application of polar organic chemical integrative samplers. Science of the Total Environment, 2019, 648, 1305-1312.	3.9	61
27	Predicting Bioavailability of Sediment-Associated Organic Contaminants forDiporeiaspp. and Oligochaetes. Environmental Science & Technology, 2007, 41, 6442-6447.	4.6	60
28	A solution for isomerization of pyrethroid insecticides in gas chromatography. Journal of Chromatography A, 2007, 1166, 181-190.	1.8	57
29	Adsorption behavior of carbon dioxide and methane in bituminous coal: A molecular simulation study. Chinese Journal of Chemical Engineering, 2016, 24, 1275-1282.	1.7	56
30	Degradation of fipronil in anaerobic sediments and the effect on porewater concentrations. Chemosphere, 2009, 77, 22-28.	4.2	51
31	Bioavailability and biotransformation of sediment-associated pyrethroid insecticides in Lumbriculus variegatus. Chemosphere, 2009, 75, 1477-1482.	4.2	50
32	Sorption of PBDE in lowâ€density polyethylene film: Implications for bioavailability of BDEâ€209. Environmental Toxicology and Chemistry, 2011, 30, 1731-1738.	2.2	50
33	Analysis of sediment-associated insecticides using ultrasound assisted microwave extraction and gas chromatographyâ€“mass spectrometry. Talanta, 2010, 83, 171-177.	2.9	48
34	Application of Boxâ€“Behnken design to optimize multi-sorbent solid phase extraction for trace neonicotinoids in water containing high level of matrix substances. Talanta, 2017, 170, 392-398.	2.9	48
35	Addition of contaminant bioavailability and species susceptibility to a sediment toxicity assessment: Application in an urban stream in China. Environmental Pollution, 2013, 178, 135-141.	3.7	45
36	Toxicity of Sediment-Associated Pesticides to Chironomus dilutus and Hyalella azteca. Archives of Environmental Contamination and Toxicology, 2011, 61, 83-92.	2.1	43

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37	EFFECT OF PIPERONYL BUTOXIDE ON PERMETHRIN TOXICITY IN THE AMPHIPOD HYALELLA AZTECA. Environmental Toxicology and Chemistry, 2006, 25, 1817.	2.2	42
38	Inter-compartmental transport of organophosphate and pyrethroid pesticides in South China: Implications for a regional risk assessment. Environmental Pollution, 2014, 190, 19-26.	3.7	42
39	Comparative mammalian hazards of neonicotinoid insecticides among exposure durations. Environment International, 2019, 125, 9-24.	4.8	41
40	Predicting mixture toxicity and antibiotic resistance of fluoroquinolones and their photodegradation products in Escherichia coli. Environmental Pollution, 2020, 262, 114275.	3.7	41
41	Distribution and ecological risk of neonicotinoid insecticides in sediment in South China: Impact of regional characteristics and chemical properties. Science of the Total Environment, 2020, 714, 136878.	3.9	39
42	Diagnosis of complex mixture toxicity in sediments: Application of toxicity identification evaluation (TIE) and effect-directed analysis (EDA). Environmental Pollution, 2018, 237, 944-954.	3.7	38
43	Toward Sustainable Environmental Quality: Priority Research Questions for Asia. Environmental Toxicology and Chemistry, 2020, 39, 1485-1505.	2.2	38
44	New insights into the photo-degraded polystyrene microplastic: Effect on the release of volatile organic compounds. Journal of Hazardous Materials, 2022, 431, 128523.	6.5	38
45	Distribution and toxicity of current-use insecticides in sediment of a lake receiving waters from areas in transition to urbanization. Environmental Pollution, 2012, 161, 128-133.	3.7	37
46	Pyrethroids in indoor air during application of various mosquito repellents: Occurrence, dissipation and potential exposure risk. Chemosphere, 2016, 144, 2427-2435.	4.2	37
47	Toxicology Advances for 21st Century Chemical Pollution. One Earth, 2020, 2, 312-316.	3.6	37
48	Combined effects of nanosized polystyrene and erythromycin on bacterial growth and resistance mutations in Escherichia coli. Journal of Hazardous Materials, 2022, 422, 126858.	6.5	37
49	Use of solid phase microextraction to estimate toxicity: Relating fiber concentrations to toxicityâ€"part I. Environmental Toxicology and Chemistry, 2012, 31, 2159-2167.	2.2	35
50	Quantifying nanoplastic-bound chemicals accumulated in Daphnia magna with a passive dosing method. Environmental Science: Nano, 2018, 5, 776-781.	2.2	35
51	Tracing neonicotinoid insecticides and their transformation products from paddy field to receiving waters using polar organic chemical integrative samplers. Journal of Hazardous Materials, 2021, 413, 125421.	6.5	35
52	Toxicogenomics provides insights to toxicity pathways of neonicotinoids to aquatic insect, Chironomus dilutus. Environmental Pollution, 2020, 260, 114011.	3.7	34
53	Identifying the causes of sedimentâ€associated toxicity in urban waterways in South China: Incorporating bioavailabilityâ€based measurements into wholeâ€sediment toxicity identification evaluation. Environmental Toxicology and Chemistry, 2015, 34, 1744-1750.	2.2	30
54	Condensation nucleation light scattering detection with ion chromatography for direct determination of glyphosate and its metabolite in water. Journal of Chromatography A, 2003, 989, 231-238.	1.8	29

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55	Effect-Directed Analysis of Toxicants in Sediment with Combined Passive Dosing and in Vivo Toxicity Testing. Environmental Science & Technology, 2017, 51, 6414-6421.	4.6	29
56	Bioavailability of Hydrophobic Organic Contaminants in Sediment with Different Particle-Size Distributions. Archives of Environmental Contamination and Toxicology, 2011, 61, 74-82.	2.1	28
57	Toxicity of sediment-associated unresolved complex mixture and its impact on bioavailability of polycyclic aromatic hydrocarbons. Journal of Hazardous Materials, 2012, 203-204, 169-175.	6.5	28
58	Multi-compartmental toxicokinetic modeling of fipronil in tilapia: Accumulation, biotransformation and elimination. Journal of Hazardous Materials, 2018, 360, 420-427.	6.5	28
59	Identifying the causes of sedimentâ€associated contamination in the Illinois River (USA) using a wholeâ€sediment toxicity identification evaluation. Environmental Toxicology and Chemistry, 2010, 29, 158-167.	2.2	27
60	Bioavailabilityâ€based chronic toxicity measurements of permethrin to Chironomus dilutus. Environmental Toxicology and Chemistry, 2013, 32, 1403-1411.	2.2	27
61	Joint toxicity of a pyrethroid insecticide, cypermethrin, and a heavy metal, lead, to the benthic invertebrate Chironomus dilutus. Environmental Toxicology and Chemistry, 2011, 30, 2838-2845.	2.2	26
62	Bioaccumulation kinetics of polybrominated diphenyl ethers and decabromodiphenyl ethane from fieldâ€collected sediment in the oligochaete, Lumbriculus variegatus. Environmental Toxicology and Chemistry, 2013, 32, 2711-2718.	2.2	26
63	High Tolerance and Delayed Responses of Daphnia magna to Neonicotinoid Insecticide Imidacloprid: Toxicokinetic and Toxicodynamic Modeling. Environmental Science & Technology, 2021, 55, 458-467.	4.6	26
64	Influence of black carbon and chemical planarity on bioavailability of sedimentâ€associated contaminants. Environmental Toxicology and Chemistry, 2010, 29, 1976-1983.	2.2	25
65	Determination of pyrethroid insecticides in sediment by gas chromatographyâ€"Ion trap tandem mass spectrometry. Talanta, 2010, 81, 136-141.	2.9	25
66	Short-range transport of contaminants released from e-waste recycling site in South China. Journal of Environmental Monitoring, 2011, 13, 836.	2.1	25
67	Application of Box-Behnken Experimental Design to Optimize the Extraction of Insecticidal Cry1Ac from Soil. Journal of Agricultural and Food Chemistry, 2013, 61, 1464-1470.	2.4	24
68	Chronic Toxicity Thresholds for Sediment-Associated Benzo[a]pyrene in the Midge (Chironomus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2.1	24
69	Estimated material metabolism and life cycle greenhouse gas emission of major plastics in China: A commercial sector-scale perspective. Resources, Conservation and Recycling, 2022, 180, 106161.	5.3	24
70	Application of a Tenax model to assess bioavailability of PCBs in field sediments. Environmental Toxicology and Chemistry, 2012, 31, 2210-2216.	2.2	23
71	Assessing bioavailability and toxicity of permethrin and DDT in sediment using matrix solid phase microextraction. Ecotoxicology, 2013, 22, 109-117.	1.1	23
72	Insecticides in sediment cores from a rural and a suburban area in South China: A reflection of shift in application patterns. Science of the Total Environment, 2016, 568, 11-18.	3.9	23

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73	Contribution of pyrethroids in large urban rivers to sediment toxicity assessed with benthic invertebrates Chironomus dilutus: A case study in South China. Environmental Toxicology and Chemistry, 2017, 36, 3367-3375.	2.2	23
74	Identifying Organic Toxicants in Sediment Using Effect-Directed Analysis: A Combination of Bioaccessibility-Based Extraction and High-Throughput Midge Toxicity Testing. Environmental Science & Technology, 2019, 53, 996-1003.	4.6	23
75	Application of species sensitivity distribution in aquatic probabilistic ecological risk assessment of cypermethrin: A case study in an urban stream in South China. Environmental Toxicology and Chemistry, 2015, 34, 640-648.	2.2	22
76	Legacy and Emerging Per- and Polyfluoroalkyl Substances Behave Distinctly in Spatial Distribution and Multimedia Partitioning: A Case Study in the Pearl River, China. Environmental Science & Technology, 2022, 56, 3492-3502.	4.6	22
77	Direct Determination of Glyphosate in Environmental Waters Using Capillary Electrophoresis with Electrospray Condensation Nucleation Light Scattering Detection. International Journal of Environmental Analytical Chemistry, 2003, 83, 797-806.	1.8	21
78	Sediment Matrix Effects in Analysis of Pyrethroid Insecticides Using Gas Chromatographyâ€“Mass Spectrometry. Archives of Environmental Contamination and Toxicology, 2010, 59, 382-392.	2.1	21
79	Does cadmium affect the toxicokinetics of permethrin in Chironomus dilutus at sublethal level? Evidence of enzymatic activity and gene expression. Environmental Pollution, 2016, 218, 1005-1013.	3.7	21
80	Quantification of Pyrethroid Insecticides at Sub-ppb Levels in Sediment Using Matrix-Dispersive Accelerated Solvent Extraction with Tandem SPE Cleanup. ACS Symposium Series, 2008, , 87-113.	0.5	20
81	Retrospective Risk Assessment of Chemical Mixtures in the Big Data Era: An Alternative Classification Strategy to Integrate Chemical and Toxicological Data. Environmental Science & Technology, 2020, 54, 5925-5927.	4.6	20
82	Environmental hotspots and greenhouse gas reduction potential for different lithium-ion battery recovery strategies. Journal of Cleaner Production, 2022, 339, 130697.	4.6	20
83	Influence of bioturbation on bioavailability and toxicity of PAHs in sediment from an electronic waste recycling site in South China. Ecotoxicology and Environmental Safety, 2012, 84, 227-233.	2.9	19
84	Dissipation of Insecticidal Cry1Ac Protein and Its Toxicity to Nontarget Aquatic Organisms. Journal of Agricultural and Food Chemistry, 2013, 61, 10864-10871.	2.4	19
85	Bioaccumulation of Highly Hydrophobic Organohalogen Flame Retardants from Sediments: Application of Toxicokinetics and Passive Sampling Techniques. Environmental Science & Technology, 2014, 48, 6957-6964.	4.6	19
86	Integrated sediment quality assessment through biomarker responses and bioavailability measurements: Application in Tai Lake, China. Ecotoxicology and Environmental Safety, 2015, 119, 148-154.	2.9	19
87	LINE-1 gene hypomethylation and p16 gene hypermethylation in HepG2 cells induced by low-dose and long-term triclosan exposure: The role of hydroxyl group. Toxicology in Vitro, 2016, 34, 35-44.	1.1	18
88	Particle-scale understanding of cypermethrin in sediment: Desorption, bioavailability, and bioaccumulation in benthic invertebrate Lumbriculus variegatus. Science of the Total Environment, 2018, 642, 638-645.	3.9	18
89	The feasibility of the zebrafish embryo as a promising alternative for acute toxicity test using various fish species: A critical review. Science of the Total Environment, 2021, 787, 147705.	3.9	18
90	Acute Toxicity of Sediment-Sorbed Endrin, Methoxychlor, and Endosulfan to Hyalella azteca and Chironomus tentans. Bulletin of Environmental Contamination and Toxicology, 2004, 73, 457-64.	1.3	17

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91	Permethrin modulates cholinergic mini-synaptic currents by partially blocking the calcium channel. Toxicology Letters, 2011, 201, 258-263.	0.4	16
92	Use of solid phase microextraction to estimate toxicity: Relating fiber concentrations to body residuesâ€"part II. Environmental Toxicology and Chemistry, 2012, 31, 2168-2174.	2.2	16
93	Legacy and Current-Use Insecticides in Agricultural Sediments from South China: Impact of Application Pattern on Occurrence and Risk. Journal of Agricultural and Food Chemistry, 2017, 65, 4247-4254.	2.4	16
94	Enantioselective degradation and bioaccumulation of sediment-associated fipronil in Lumbriculus variegatus: Toxicokinetic analysis. Science of the Total Environment, 2019, 672, 335-341.	3.9	16
95	Short-term personal PM2.5 exposure and change in DNA methylation of imprinted genes: Panel study of healthy young adults in Guangzhou city, China. Environmental Pollution, 2021, 275, 116601.	3.7	16
96	Comparison of cleanup methods for fipronil and its degradation products in sediment extracts. Talanta, 2009, 78, 1408-1413.	2.9	15
97	Assessment of Sediment Risk in the North End of Tai Lake, China: Integrating Chemical Analysis and Chronic Toxicity Testing with Chironomus dilutus. Archives of Environmental Contamination and Toxicology, 2015, 69, 461-469.	2.1	15
98	Joint toxicity of sediment-associated permethrin and cadmium to Chironomus dilutus: The role of bioavailability and enzymatic activities. Environmental Pollution, 2015, 207, 138-144.	3.7	15
99	Determination of pyrethroid, organophosphate and organochlorine pesticides in water by headspace solid-phase microextraction. International Journal of Environmental Analytical Chemistry, 2006, 86, 381-389.	1.8	14
100	Patterns of Pyrethroid Contamination and Toxicity in Agricultural and Urban Stream Segments. ACS Symposium Series, 2008, , 355-369.	0.5	14
101	Sediment Toxicity in Agricultural Areas of California and the Role of Hydrophobic Pesticides. ACS Symposium Series, 2008, , 26-54.	0.5	14
102	Use of homing pigeons as biomonitors of atmospheric metal concentrations in Beijing and Guangzhou, China. Ecotoxicology, 2016, 25, 439-446.	1.1	14
103	Synthesis and application of a novel solidâ€phase extraction adsorbent for multiresidue analysis of insecticides in water. Journal of Separation Science, 2018, 41, 525-533.	1.3	14
104	Joint toxicity of imidacloprid and azoxystrobin to Chironomus dilutus at organism, cell, and gene levels. Aquatic Toxicology, 2021, 233, 105783.	1.9	14
105	Deriving freshwater guideline values for neonicotinoid insecticides: Implications for water quality guidelines and ecological risk assessment. Science of the Total Environment, 2022, 828, 154569.	3.9	14
106	Simultaneous determination of pyrethroid, organophosphate, and organochlorine pesticides in fish tissue using tandem solid-phase extraction clean-up. International Journal of Environmental Analytical Chemistry, 2004, 84, 559-571.	1.8	13
107	ELEVATED ORGANOCHLORINES IN THE BRAINâ€"HYPOTHALAMICâ€"PITUITARY COMPLEX OF INTERSEXUAL SHOVELNOSE STURGEON. Environmental Toxicology and Chemistry, 2006, 25, 1689.	2.2	13
108	Occurrence and Toxicity of Sediment-Associated Contaminants in Guangzhou College City and Its Adjacent Areas: The Relationship to Urbanization. Archives of Environmental Contamination and Toxicology, 2015, 68, 124-131.	2.1	13

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109	Development of the transcriptome for a sediment ecotoxicological model species, Chironomus dilutus. Chemosphere, 2020, 244, 125541.	4.2	13
110	Measuring bioconcentration factors of sediment-associated fipronil in Lumbriculus variegatus using passive sampling techniques. Journal of Hazardous Materials, 2020, 393, 122420.	6.5	13
111	Analysis of organic pollutants in sewage by supercritical fluid extraction. Chromatographia, 1999, 49, 399-405.	0.7	12
112	Fluorescence properties of carbazole-9-ylpropionic acid and its application to the determination of amines via HPLC with fluorescence detection. Analyst, The, 1999, 124, 281-288.	1.7	12
113	One uncertainty factor does not fit all: Identifying mode of action and species specific acute to chronic ratios for aquatic life. Environmental Pollution, 2020, 262, 114262.	3.7	12
114	Evaluation of Desulfuration Methods for Pyrethroid, Organophosphate, and Organochlorine Pesticides in Sediment with High Sulfur Content. Archives of Environmental Contamination and Toxicology, 2004, 47, 148-53.	2.1	11
115	Comparative analysis of whole sediment and porewater toxicity identification evaluation techniques for ammonia and non-polar organic contaminants. Chemosphere, 2010, 78, 814-821.	4.2	11
116	Gut Microbial Profiles in Nereis succinea and Their Contribution to the Degradation of Organic Pollutants. Environmental Science & Technology, 2020, 54, 6235-6243.	4.6	11
117	Simultaneous analysis of currentâ€use pesticides and their transformation products in water using mixtureâ€sorbent solid phase extraction and highâ€performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Separation Science, 2020, 43, 2409-2418.	1.3	11
118	Characterization and application of acridine-9-N-acetyl-N-hydroxysuccinimide as a pre-column derivatization agent for fluorimetric detection of amino acids in liquid chromatography. Analyst, The, 1999, 124, 1755-1760.	1.7	10
119	Determining equilibrium partition coefficients between lipid/protein and polydimethylsiloxane for highly hydrophobic organic contaminants using preloaded disks. Science of the Total Environment, 2017, 598, 385-392.	3.9	10
120	Role of environmental stresses in elevating resistance mutations in bacteria: Phenomena and mechanisms. Environmental Pollution, 2022, 307, 119603.	3.7	10
121	Input pathways of organochlorine pesticides to typical freshwater cultured fish ponds of South China: Hints for pollution control. Environmental Toxicology and Chemistry, 2011, 30, 1272-1277.	2.2	9
122	Improvements and cost-effective measures to the automated intermittent water renewal system for toxicity testing with sediments. Ecotoxicology and Environmental Safety, 2018, 151, 62-67.	2.9	9
123	Fullâ€“Life Cycle Toxicity Assessment of Sedimentâ€Bound DDT and Its Degradation Products on Chironomus dilutus. Environmental Toxicology and Chemistry, 2019, 38, 2698-2707.	2.2	9
124	The neonicotinoid alternative sulfoxaflor causes chronic toxicity and impairs mitochondrial energy production in Chironomus kiinensis. Aquatic Toxicology, 2021, 235, 105822.	1.9	9
125	Joint effects of antibiotics and quorum sensing inhibitors on resistance development in bacteria. Environmental Sciences: Processes and Impacts, 2021, 23, 995-1005.	1.7	9
126	Reduced concentrations and toxicity of sediment-associated pesticides from vegetable planting field to surrounding waterways: Impacts of chemical properties and intrinsic toxicity. Journal of Hazardous Materials, 2022, 436, 129292.	6.5	9

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127	Synthesis and characterization of an inorganic/organic-modified bentonite and its application in methyl orange water treatment. Desalination and Water Treatment, 2014, 52, 7660-7672.	1.0	8
128	Homing pigeons as a biomonitor for atmospheric PAHs and PCBs in Guangzhou, a megacity in South China. Marine Pollution Bulletin, 2017, 124, 1048-1054.	2.3	8
129	Identifying bioaccessible suspect toxicants in sediment using adverse outcome pathway directed analysis. Journal of Hazardous Materials, 2020, 389, 121853.	6.5	8
130	A new configuration of polar organic chemical integrative sampler with nylon membranes to monitor emerging organophosphate ester contaminants in urban surface water. Ecotoxicology and Environmental Safety, 2020, 202, 110891.	2.9	8
131	Species and Lifeâ€Stage Sensitivity of Chinese Rare Minnow (Gobiocypris rarus) to Chemical Exposure: A Critical Review. Environmental Toxicology and Chemistry, 2021, 40, 2680-2692.	2.2	8
132	Life stage and endpoint sensitivity differences of fathead minnow (Pimephales promelas) to chemicals with various modes of action. Environmental Pollution, 2021, 290, 117995.	3.7	8
133	Predicting the Toxicity of Permethrin to Daphnia magna in Water Using SPME Fibers. Archives of Environmental Contamination and Toxicology, 2012, 62, 438-444.	2.1	7
134	Bioaccumulation of sediment-bound dichlorodiphenyltrichloroethane and heavy metals in benthic polychaete, Nereis succinea from a typical mariculture zone in South China. Marine Pollution Bulletin, 2017, 124, 1040-1047.	2.3	7
135	Signposts for Aquatic Toxicity Evaluation in China: Text Mining using Event-Driven Taxonomy within and among Regions. Environmental Science & Technology, 2021, 55, 8977-8986.	4.6	7
136	Point or non-point source: Toxicity evaluation using m-POCIS and zebrafish embryos in municipal sewage treatment plants and urban waterways. Environmental Pollution, 2022, 292, 118307.	3.7	7
137	Using homing pigeons to monitor atmospheric organic pollutants in a city heavily involving in coal mining industry. Chemosphere, 2022, 307, 135679.	4.2	7
138	Biotransformation of dichlorodiphenyltrichloroethane in the benthic polychaete, Nereis succinea: Quantitative estimation by analyzing the partitioning of chemicals between gut fluid and lipid. Environmental Toxicology and Chemistry, 2015, 34, 360-368.	2.2	6
139	Joint toxicity of sediment-associated DDT and copper to a polychaete, Nereis succinea. Ecotoxicology, 2015, 24, 424-432.	1.1	6
140	Target and Suspect Screening of Urinary Biomarkers for Currentâ€use Pesticides: Application of a Simple Extraction Method. Environmental Toxicology and Chemistry, 2022, 41, 73-80.	2.2	6
141	Spatial distribution of benthic toxicity and sediment-bound metals and arsenic in Guangzhou urban waterways: Influence of land use. Journal of Hazardous Materials, 2022, 439, 129634.	6.5	6
142	Predicting rifampicin resistance mutations in bacterial RNA polymerase subunit beta based on majority consensus. BMC Bioinformatics, 2021, 22, 210.	1.2	5
143	Analysis of Pyrethroid Insecticides in Chironomus dilutus Using Matrix Solid Phase Dispersion Extraction. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 388-392.	1.3	4
144	Balance between economic growth and environmental protection: sustainability through better science. Journal of Environmental Monitoring, 2011, 13, 787.	2.1	4

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145	Improving the accuracy of effect-directed analysis: the role of bioavailability. Environmental Sciences: Processes and Impacts, 2017, 19, 1484-1498.	1.7	4
146	Bioassay-based identification and removal of target and suspect toxicants in municipal wastewater: Impacts of chemical properties and transformation. Journal of Hazardous Materials, 2022, 437, 129426.	6.5	4
147	Analysis of persistent halogenated hydrocarbons in fish feeds containing fish oil and other alternative lipid sources. Talanta, 2011, 85, 1291-1297.	2.9	3
148	In-situ biological effects, bioaccumulation, and multi-media distribution of organic contaminants in a shallow lake. Journal of Hazardous Materials, 2022, 427, 128143.	6.5	3
149	Transcriptomic analysis reveals common pathways and biomarkers associated with oxidative damage caused by mitochondrial toxicants in Chironomus dilutus. Chemosphere, 2020, 254, 126746.	4.2	2
150	Research and application of the gel formulation prepared with oilfield waste water. , 2015, , 925-928.		2
151	Investigations On the Fish Acute Toxicity of Fragrance Ingredients Involving Chinese Fish Species and Zebrafish Embryos. Environmental Toxicology and Chemistry, 2022, 41, 2305-2317.	2.2	2
152	Analysis of atmospheric semi-volatile organic pollutants by adsorptiveenrichment and off-line supercritical fluid extractionâ€"Gas chromatography. Chromatographia, 1999, 50, 305-310.	0.7	1
153	Assessment of Sediment Toxicity with SPME-Based Approaches. Comprehensive Analytical Chemistry, 2015, 67, 161-194.	0.7	1
154	Performance Evaluation and Adaptability Research of Flowing Gel System Prepared with Re-injected Waste Water. IOP Conference Series: Earth and Environmental Science, 2017, 100, 012015.	0.2	0
155	Coastal ecosystem in East Asia: Pollution and management. Environmental Pollution, 2019, 251, 990-992.	3.7	0
156	Identification of CYP Isozymes Involved in Enantioselective Metabolism of Fipronil in Fish Liver: In Vitro Metabolic Kinetics and Molecular Modeling. Environmental Toxicology and Chemistry, 2021, , .	2.2	0