

Jing You

List of Publications by Year in descending order

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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	Combined effects of nanosized polystyrene and erythromycin on bacterial growth and resistance mutations in <i>Escherichia coli</i> . <i>Journal of Hazardous Materials</i> , 2022, 422, 126858.	6.5	37
2	Target and Suspect Screening of Urinary Biomarkers for Current Use Pesticides: Application of a Simple Extraction Method. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 73-80.	2.2	6
3	Point or non-point source: Toxicity evaluation using m-POCIS and zebrafish embryos in municipal sewage treatment plants and urban waterways. <i>Environmental Pollution</i> , 2022, 292, 118307.	3.7	7
4	In-situ biological effects, bioaccumulation, and multi-media distribution of organic contaminants in a shallow lake. <i>Journal of Hazardous Materials</i> , 2022, 427, 128143.	6.5	3
5	Estimated material metabolism and life cycle greenhouse gas emission of major plastics in China: A commercial sector-scale perspective. <i>Resources, Conservation and Recycling</i> , 2022, 180, 106161.	5.3	24
6	Environmental hotspots and greenhouse gas reduction potential for different lithium-ion battery recovery strategies. <i>Journal of Cleaner Production</i> , 2022, 339, 130697.	4.6	20
7	Legacy and Emerging Per- and Polyfluoroalkyl Substances Behave Distinctly in Spatial Distribution and Multimedia Partitioning: A Case Study in the Pearl River, China. <i>Environmental Science & Technology</i> , 2022, 56, 3492-3502.	4.6	22
8	New insights into the photo-degraded polystyrene microplastic: Effect on the release of volatile organic compounds. <i>Journal of Hazardous Materials</i> , 2022, 431, 128523.	6.5	38
9	Deriving freshwater guideline values for neonicotinoid insecticides: Implications for water quality guidelines and ecological risk assessment. <i>Science of the Total Environment</i> , 2022, 828, 154569.	3.9	14
10	Reduced concentrations and toxicity of sediment-associated pesticides from vegetable planting field to surrounding waterways: Impacts of chemical properties and intrinsic toxicity. <i>Journal of Hazardous Materials</i> , 2022, 436, 129292.	6.5	9
11	Investigations On the Fish Acute Toxicity of Fragrance Ingredients Involving Chinese Fish Species and Zebrafish Embryos. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 2305-2317.	2.2	2
12	Role of environmental stresses in elevating resistance mutations in bacteria: Phenomena and mechanisms. <i>Environmental Pollution</i> , 2022, 307, 119603.	3.7	10
13	Bioassay-based identification and removal of target and suspect toxicants in municipal wastewater: Impacts of chemical properties and transformation. <i>Journal of Hazardous Materials</i> , 2022, 437, 129426.	6.5	4
14	Spatial distribution of benthic toxicity and sediment-bound metals and arsenic in Guangzhou urban waterways: Influence of land use. <i>Journal of Hazardous Materials</i> , 2022, 439, 129634.	6.5	6
15	Using homing pigeons to monitor atmospheric organic pollutants in a city heavily involving in coal mining industry. <i>Chemosphere</i> , 2022, 307, 135679.	4.2	7
16	High Tolerance and Delayed Responses of <i>Daphnia magna</i> to Neonicotinoid Insecticide Imidacloprid: Toxicokinetic and Toxicodynamic Modeling. <i>Environmental Science & Technology</i> , 2021, 55, 458-467.	4.6	26
17	Predicting rifampicin resistance mutations in bacterial RNA polymerase subunit beta based on majority consensus. <i>BMC Bioinformatics</i> , 2021, 22, 210.	1.2	5
18	Short-term personal PM2.5 exposure and change in DNA methylation of imprinted genes: Panel study of healthy young adults in Guangzhou city, China. <i>Environmental Pollution</i> , 2021, 275, 116601.	3.7	16

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19	Joint toxicity of imidacloprid and azoxystrobin to <i>Chironomus dilutus</i> at organism, cell, and gene levels. <i>Aquatic Toxicology</i> , 2021, 233, 105783.	1.9	14
20	The neonicotinoid alternative sulfoxaflor causes chronic toxicity and impairs mitochondrial energy production in <i>Chironomus kiinensis</i> . <i>Aquatic Toxicology</i> , 2021, 235, 105822.	1.9	9
21	Signposts for Aquatic Toxicity Evaluation in China: Text Mining using Event-Driven Taxonomy within and among Regions. <i>Environmental Science & Technology</i> , 2021, 55, 8977-8986.	4.6	7
22	Tracing neonicotinoid insecticides and their transformation products from paddy field to receiving waters using polar organic chemical integrative samplers. <i>Journal of Hazardous Materials</i> , 2021, 413, 125421.	6.5	35
23	Species and Life-Stage Sensitivity of Chinese Rare Minnow (<i>Gobiocypris rarus</i>) to Chemical Exposure: A Critical Review. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2680-2692.	2.2	8
24	The feasibility of the zebrafish embryo as a promising alternative for acute toxicity test using various fish species: A critical review. <i>Science of the Total Environment</i> , 2021, 787, 147705.	3.9	18
25	Life stage and endpoint sensitivity differences of fathead minnow (<i>Pimephales promelas</i>) to chemicals with various modes of action. <i>Environmental Pollution</i> , 2021, 290, 117995.	3.7	8
26	Joint effects of antibiotics and quorum sensing inhibitors on resistance development in bacteria. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 995-1005.	1.7	9
27	Identification of CYP Isozymes Involved in Enantioselective Metabolism of Fipronil in Fish Liver: In Vitro Metabolic Kinetics and Molecular Modeling. <i>Environmental Toxicology and Chemistry</i> , 2021, , .	2.2	0
28	Identifying bioaccessible suspect toxicants in sediment using adverse outcome pathway directed analysis. <i>Journal of Hazardous Materials</i> , 2020, 389, 121853.	6.5	8
29	Development of the transcriptome for a sediment ecotoxicological model species, <i>Chironomus dilutus</i> . <i>Chemosphere</i> , 2020, 244, 125541.	4.2	13
30	Microplastic Impacts on Microalgae Growth: Effects of Size and Humic Acid. <i>Environmental Science & Technology</i> , 2020, 54, 1782-1789.	4.6	207
31	Gut Microbial Profiles in <i>Nereis succinea</i> and Their Contribution to the Degradation of Organic Pollutants. <i>Environmental Science & Technology</i> , 2020, 54, 6235-6243.	4.6	11
32	Toward Sustainable Environmental Quality: Priority Research Questions for Asia. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1485-1505.	2.2	38
33	One uncertainty factor does not fit all: Identifying mode of action and species specific acute to chronic ratios for aquatic life. <i>Environmental Pollution</i> , 2020, 262, 114262.	3.7	12
34	Simultaneous analysis of current-use pesticides and their transformation products in water using mixture-sorbent solid phase extraction and high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 2409-2418.	1.3	11
35	A new configuration of polar organic chemical integrative sampler with nylon membranes to monitor emerging organophosphate ester contaminants in urban surface water. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110891.	2.9	8
36	Measuring bioconcentration factors of sediment-associated fipronil in <i>Lumbriculus variegatus</i> using passive sampling techniques. <i>Journal of Hazardous Materials</i> , 2020, 393, 122420.	6.5	13

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37	Predicting mixture toxicity and antibiotic resistance of fluoroquinolones and their photodegradation products in <i>Escherichia coli</i> . <i>Environmental Pollution</i> , 2020, 262, 114275.	3.7	41
38	Toxicogenomics provides insights to toxicity pathways of neonicotinoids to aquatic insect, <i>Chironomus dilutus</i> . <i>Environmental Pollution</i> , 2020, 260, 114011.	3.7	34
39	Distribution and ecological risk of neonicotinoid insecticides in sediment in South China: Impact of regional characteristics and chemical properties. <i>Science of the Total Environment</i> , 2020, 714, 136878.	3.9	39
40	Retrospective Risk Assessment of Chemical Mixtures in the Big Data Era: An Alternative Classification Strategy to Integrate Chemical and Toxicological Data. <i>Environmental Science & Technology</i> , 2020, 54, 5925-5927.	4.6	20
41	Transcriptomic analysis reveals common pathways and biomarkers associated with oxidative damage caused by mitochondrial toxicants in <i>Chironomus dilutus</i> . <i>Chemosphere</i> , 2020, 254, 126746.	4.2	2
42	Toxicology Advances for 21st Century Chemical Pollution. <i>One Earth</i> , 2020, 2, 312-316.	3.6	37
43	Full "Life Cycle Toxicity Assessment of Sediment-Bound DDT and Its Degradation Products on <i>Chironomus dilutus</i> . <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2698-2707.	2.2	9
44	Enantioselective degradation and bioaccumulation of sediment-associated fipronil in <i>Lumbriculus variegatus</i> : Toxicokinetic analysis. <i>Science of the Total Environment</i> , 2019, 672, 335-341.	3.9	16
45	Coastal ecosystem in East Asia: Pollution and management. <i>Environmental Pollution</i> , 2019, 251, 990-992.	3.7	0
46	Comparative mammalian hazards of neonicotinoid insecticides among exposure durations. <i>Environment International</i> , 2019, 125, 9-24.	4.8	41
47	Developmental Toxicity of a Neonicotinoid Insecticide, Acetamiprid to Zebrafish Embryos. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2429-2436.	2.4	78
48	Occurrence and risk of neonicotinoid insecticides in surface water in a rapidly developing region: Application of polar organic chemical integrative samplers. <i>Science of the Total Environment</i> , 2019, 648, 1305-1312.	3.9	61
49	Identifying Organic Toxicants in Sediment Using Effect-Directed Analysis: A Combination of Bioaccessibility-Based Extraction and High-Throughput Midge Toxicity Testing. <i>Environmental Science & Technology</i> , 2019, 53, 996-1003.	4.6	23
50	Quantifying nanoplastic-bound chemicals accumulated in <i>Daphnia magna</i> with a passive dosing method. <i>Environmental Science: Nano</i> , 2018, 5, 776-781.	2.2	35
51	Effects of lead, cadmium, arsenic, and mercury co-exposure on children's intelligence quotient in an industrialized area of southern China. <i>Environmental Pollution</i> , 2018, 235, 47-54.	3.7	78
52	Bioavailability and soil-to-crop transfer of heavy metals in farmland soils: A case study in the Pearl River Delta, South China. <i>Environmental Pollution</i> , 2018, 235, 710-719.	3.7	211
53	Improvements and cost-effective measures to the automated intermittent water renewal system for toxicity testing with sediments. <i>Ecotoxicology and Environmental Safety</i> , 2018, 151, 62-67.	2.9	9
54	Synthesis and application of a novel solid-phase extraction adsorbent for multiresidue analysis of insecticides in water. <i>Journal of Separation Science</i> , 2018, 41, 525-533.	1.3	14

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55	Diagnosis of complex mixture toxicity in sediments: Application of toxicity identification evaluation (TIE) and effect-directed analysis (EDA). <i>Environmental Pollution</i> , 2018, 237, 944-954.	3.7	38
56	Multi-compartmental toxicokinetic modeling of fipronil in tilapia: Accumulation, biotransformation and elimination. <i>Journal of Hazardous Materials</i> , 2018, 360, 420-427.	6.5	28
57	Particle-scale understanding of cypermethrin in sediment: Desorption, bioavailability, and bioaccumulation in benthic invertebrate <i>Lumbriculus variegatus</i> . <i>Science of the Total Environment</i> , 2018, 642, 638-645.	3.9	18
58	Application of Box-Behnken design to optimize multi-sorbent solid phase extraction for trace neonicotinoids in water containing high level of matrix substances. <i>Talanta</i> , 2017, 170, 392-398.	2.9	48
59	Determining equilibrium partition coefficients between lipid/protein and polydimethylsiloxane for highly hydrophobic organic contaminants using preloaded disks. <i>Science of the Total Environment</i> , 2017, 598, 385-392.	3.9	10
60	Legacy and Current-Use Insecticides in Agricultural Sediments from South China: Impact of Application Pattern on Occurrence and Risk. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4247-4254.	2.4	16
61	Effect-Directed Analysis of Toxicants in Sediment with Combined Passive Dosing and in Vivo Toxicity Testing. <i>Environmental Science & Technology</i> , 2017, 51, 6414-6421.	4.6	29
62	Bioaccumulation of sediment-bound dichlorodiphenyltrichloroethane and heavy metals in benthic polychaete, <i>Nereis succinea</i> from a typical mariculture zone in South China. <i>Marine Pollution Bulletin</i> , 2017, 124, 1040-1047.	2.3	7
63	Aquatic Global Passive Sampling (AQUA-GAPS) Revisited: First Steps toward a Network of Networks for Monitoring Organic Contaminants in the Aquatic Environment. <i>Environmental Science & Technology</i> , 2017, 51, 1060-1067.	4.6	61
64	Improving the accuracy of effect-directed analysis: the role of bioavailability. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1484-1498.	1.7	4
65	Contribution of pyrethroids in large urban rivers to sediment toxicity assessed with benthic invertebrates <i>Chironomus dilutus</i> : A case study in South China. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3367-3375.	2.2	23
66	Global occurrence of pyrethroid insecticides in sediment and the associated toxicological effects on benthic invertebrates: An overview. <i>Journal of Hazardous Materials</i> , 2017, 324, 258-271.	6.5	221
67	Homing pigeons as a biomonitor for atmospheric PAHs and PCBs in Guangzhou, a megacity in South China. <i>Marine Pollution Bulletin</i> , 2017, 124, 1048-1054.	2.3	8
68	Performance Evaluation and Adaptability Research of Flowing Gel System Prepared with Re-injected Waste Water. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 100, 012015.	0.2	0
69	Use of homing pigeons as biomonitors of atmospheric metal concentrations in Beijing and Guangzhou, China. <i>Ecotoxicology</i> , 2016, 25, 439-446.	1.1	14
70	Adsorption behavior of carbon dioxide and methane in bituminous coal: A molecular simulation study. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 1275-1282.	1.7	56
71	The washout effects of rainfall on atmospheric particulate pollution in two Chinese cities. <i>Environmental Pollution</i> , 2016, 215, 195-202.	3.7	110
72	Does cadmium affect the toxicokinetics of permethrin in <i>Chironomus dilutus</i> at sublethal level? Evidence of enzymatic activity and gene expression. <i>Environmental Pollution</i> , 2016, 218, 1005-1013.	3.7	21

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73	Insecticides in sediment cores from a rural and a suburban area in South China: A reflection of shift in application patterns. <i>Science of the Total Environment</i> , 2016, 568, 11-18.	3.9	23
74	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. <i>Toxicology in Vitro</i> , 2016, 34, 35-44.	1.1	18
75	Pyrethroids in indoor air during application of various mosquito repellents: Occurrence, dissipation and potential exposure risk. <i>Chemosphere</i> , 2016, 144, 2427-2435.	4.2	37
76	Identifying the causes of sediment-associated toxicity in urban waterways in South China: Incorporating bioavailability-based measurements into whole-sediment toxicity identification evaluation. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1744-1750.	2.2	30
77	Assessment of Sediment Toxicity with SPME-Based Approaches. <i>Comprehensive Analytical Chemistry</i> , 2015, 67, 161-194.	0.7	1
78	Assessment of Sediment Risk in the North End of Tai Lake, China: Integrating Chemical Analysis and Chronic Toxicity Testing with <i>Chironomus dilutus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 461-469.	2.1	15
79	Occurrence and Toxicity of Sediment-Associated Contaminants in Guangzhou College City and Its Adjacent Areas: The Relationship to Urbanization. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 68, 124-131.	2.1	13
80	Application of species sensitivity distribution in aquatic probabilistic ecological risk assessment of cypermethrin: A case study in an urban stream in South China. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 640-648.	2.2	22
81	Integrated sediment quality assessment through biomarker responses and bioavailability measurements: Application in Tai Lake, China. <i>Ecotoxicology and Environmental Safety</i> , 2015, 119, 148-154.	2.9	19
82	Biotransformation of dichlorodiphenyltrichloroethane in the benthic polychaete, <i>Nereis succinea</i> : Quantitative estimation by analyzing the partitioning of chemicals between gut fluid and lipid. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 360-368.	2.2	6
83	Joint toxicity of sediment-associated DDT and copper to a polychaete, <i>Nereis succinea</i> . <i>Ecotoxicology</i> , 2015, 24, 424-432.	1.1	6
84	Joint toxicity of sediment-associated permethrin and cadmium to <i>Chironomus dilutus</i> : The role of bioavailability and enzymatic activities. <i>Environmental Pollution</i> , 2015, 207, 138-144.	3.7	15
85	Research and application of the gel formulation prepared with oilfield waste water. , 2015, , 925-928.		2
86	Passive sampling methods for contaminated sediments: Scientific rationale supporting use of freely dissolved concentrations. <i>Integrated Environmental Assessment and Management</i> , 2014, 10, 197-209.	1.6	153
87	Mitigating pesticide pollution in China requires law enforcement, farmer training, and technological innovation. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 963-971.	2.2	87
88	Chronic Toxicity Thresholds for Sediment-Associated Benzo[a]pyrene in the Midge (<i>Chironomus</i>) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 1	2.1	24
89	Inter-compartmental transport of organophosphate and pyrethroid pesticides in South China: Implications for a regional risk assessment. <i>Environmental Pollution</i> , 2014, 190, 19-26.	3.7	42
90	Bioaccumulation of Highly Hydrophobic Organohalogen Flame Retardants from Sediments: Application of Toxicokinetics and Passive Sampling Techniques. <i>Environmental Science & Technology</i> , 2014, 48, 6957-6964.	4.6	19

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91	Occurrence, seasonal variation and inhalation exposure of atmospheric organophosphate and pyrethroid pesticides in an urban community in South China. <i>Chemosphere</i> , 2014, 95, 363-369.	4.2	87
92	Synthesis and characterization of an inorganic/organic-modified bentonite and its application in methyl orange water treatment. <i>Desalination and Water Treatment</i> , 2014, 52, 7660-7672.	1.0	8
93	Application of Box-Behnken Experimental Design to Optimize the Extraction of Insecticidal Cry1Ac from Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1464-1470.	2.4	24
94	Dissipation of Insecticidal Cry1Ac Protein and Its Toxicity to Nontarget Aquatic Organisms. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10864-10871.	2.4	19
95	Addition of contaminant bioavailability and species susceptibility to a sediment toxicity assessment: Application in an urban stream in China. <i>Environmental Pollution</i> , 2013, 178, 135-141.	3.7	45
96	SEDIMENT-ASSOCIATED PESTICIDES IN AN URBAN STREAM IN GUANGZHOU, CHINA: IMPLICATION OF A SHIFT IN PESTICIDE USE PATTERNS. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1040-1047.	2.2	62
97	Assessing bioavailability and toxicity of permethrin and DDT in sediment using matrix solid phase microextraction. <i>Ecotoxicology</i> , 2013, 22, 109-117.	1.1	23
98	Bioavailability-based chronic toxicity measurements of permethrin to <i>Chironomus dilutus</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1403-1411.	2.2	27
99	Bioaccumulation kinetics of polybrominated diphenyl ethers and decabromodiphenyl ethane from field-collected sediment in the oligochaete, <i>Lumbriculus variegatus</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2711-2718.	2.2	26
100	Influence of bioturbation on bioavailability and toxicity of PAHs in sediment from an electronic waste recycling site in South China. <i>Ecotoxicology and Environmental Safety</i> , 2012, 84, 227-233.	2.9	19
101	Use of solid phase microextraction to estimate toxicity: Relating fiber concentrations to toxicity—part I. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2159-2167.	2.2	35
102	Use of solid phase microextraction to estimate toxicity: Relating fiber concentrations to body residues—part II. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2168-2174.	2.2	16
103	Application of a Tenax model to assess bioavailability of PCBs in field sediments. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2210-2216.	2.2	23
104	Predicting the Toxicity of Permethrin to <i>Daphnia magna</i> in Water Using SPME Fibers. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 62, 438-444.	2.1	7
105	Distribution and toxicity of current-use insecticides in sediment of a lake receiving waters from areas in transition to urbanization. <i>Environmental Pollution</i> , 2012, 161, 128-133.	3.7	37
106	Toxicity of sediment-associated unresolved complex mixture and its impact on bioavailability of polycyclic aromatic hydrocarbons. <i>Journal of Hazardous Materials</i> , 2012, 203-204, 169-175.	6.5	28
107	Identifying the Causes of Sediment-Associated Toxicity in Urban Waterways of the Pearl River Delta, China. <i>Environmental Science & Technology</i> , 2011, 45, 1812-1819.	4.6	66
108	Short-range transport of contaminants released from e-waste recycling site in South China. <i>Journal of Environmental Monitoring</i> , 2011, 13, 836.	2.1	25

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109	Balance between economic growth and environmental protection: sustainability through better science. <i>Journal of Environmental Monitoring</i> , 2011, 13, 787.	2.1	4
110	Chemical techniques for assessing bioavailability of sediment-associated contaminants: SPME versus Tenax extraction. <i>Journal of Environmental Monitoring</i> , 2011, 13, 792.	2.1	83
111	Analysis of persistent halogenated hydrocarbons in fish feeds containing fish oil and other alternative lipid sources. <i>Talanta</i> , 2011, 85, 1291-1297.	2.9	3
112	Permethrin modulates cholinergic mini-synaptic currents by partially blocking the calcium channel. <i>Toxicology Letters</i> , 2011, 201, 258-263.	0.4	16
113	Occurrence and distribution of sediment-associated insecticides in urban waterways in the Pearl River Delta, China. <i>Chemosphere</i> , 2011, 82, 1373-1379.	4.2	84
114	Bioavailability of Hydrophobic Organic Contaminants in Sediment with Different Particle-Size Distributions. <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 61, 74-82.	2.1	28
115	Toxicity of Sediment-Associated Pesticides to <i>Chironomus dilutus</i> and <i>Hyaella azteca</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 61, 83-92.	2.1	43
116	Input pathways of organochlorine pesticides to typical freshwater cultured fish ponds of South China: Hints for pollution control. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1272-1277.	2.2	9
117	Sorption of PBDE in low-density polyethylene film: Implications for bioavailability of BDE209. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1731-1738.	2.2	50
118	Joint toxicity of a pyrethroid insecticide, cypermethrin, and a heavy metal, lead, to the benthic invertebrate <i>Chironomus dilutus</i> . <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2838-2845.	2.2	26
119	Sediment Matrix Effects in Analysis of Pyrethroid Insecticides Using Gas Chromatography-Mass Spectrometry. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 382-392.	2.1	21
120	Identifying the causes of sediment-associated contamination in the Illinois River (USA) using a whole-sediment toxicity identification evaluation. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 158-167.	2.2	27
121	Influence of black carbon and chemical planarity on bioavailability of sediment-associated contaminants. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1976-1983.	2.2	25
122	Comparative analysis of whole sediment and porewater toxicity identification evaluation techniques for ammonia and non-polar organic contaminants. <i>Chemosphere</i> , 2010, 78, 814-821.	4.2	11
123	Determination of pyrethroid insecticides in sediment by gas chromatography-ion trap tandem mass spectrometry. <i>Talanta</i> , 2010, 81, 136-141.	2.9	25
124	Analysis of sediment-associated insecticides using ultrasound assisted microwave extraction and gas chromatography-mass spectrometry. <i>Talanta</i> , 2010, 83, 171-177.	2.9	48
125	Analysis of Pyrethroid Insecticides in <i>Chironomus dilutus</i> Using Matrix Solid Phase Dispersion Extraction. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 388-392.	1.3	4
126	Whole sediment toxicity identification evaluation tools for pyrethroid insecticides: III. Temperature manipulation. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 173-180.	2.2	90

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127	Temperature as a toxicity identification evaluation tool for pyrethroid insecticides: Toxicokinetic confirmation. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1051-1058.	2.2	143
128	Bioavailability and biotransformation of sediment-associated pyrethroid insecticides in <i>Lumbriculus variegatus</i> . <i>Chemosphere</i> , 2009, 75, 1477-1482.	4.2	50
129	Degradation of fipronil in anaerobic sediments and the effect on porewater concentrations. <i>Chemosphere</i> , 2009, 77, 22-28.	4.2	51
130	Comparison of cleanup methods for fipronil and its degradation products in sediment extracts. <i>Talanta</i> , 2009, 78, 1408-1413.	2.9	15
131	Chemical availability and sediment toxicity of pyrethroid insecticides to <i>Hyaella azteca</i> : Application to field sediment with unexpectedly low toxicity. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 2124-2130.	2.2	65
132	Patterns of Pyrethroid Contamination and Toxicity in Agricultural and Urban Stream Segments. <i>ACS Symposium Series</i> , 2008, , 355-369.	0.5	14
133	Bioavailability of PCBs from field-collected sediments: Application of Tenax extraction and matrix-SPME techniques. <i>Chemosphere</i> , 2008, 71, 337-344.	4.2	86
134	Quantification of Pyrethroid Insecticides at Sub-ppb Levels in Sediment Using Matrix-Dispersive Accelerated Solvent Extraction with Tandem SPE Cleanup. <i>ACS Symposium Series</i> , 2008, , 87-113.	0.5	20
135	Sediment Toxicity in Agricultural Areas of California and the Role of Hydrophobic Pesticides. <i>ACS Symposium Series</i> , 2008, , 26-54.	0.5	14
136	Desorption of Hydrophobic Compounds from Laboratory-Spiked Sediments Measured by Tenax Absorbent and Matrix Solid-Phase Microextraction. <i>Environmental Science & Technology</i> , 2007, 41, 5672-5678.	4.6	80
137	Predicting Bioavailability of Sediment-Associated Organic Contaminants for <i>Diporeia</i> spp. and <i>Oligochaetes</i> . <i>Environmental Science & Technology</i> , 2007, 41, 6442-6447.	4.6	60
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