

Jing You

List of Publications by Year in descending order

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156
papers

5,773
citations

81900

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all docs

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159
times ranked

4557
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#	ARTICLE	IF	CITATIONS
1	Aquatic Toxicity Due to Residential Use of Pyrethroid Insecticides. <i>Environmental Science & Technology</i> , 2005, 39, 9778-9784.	10.0	282
2	Distribution and Toxicity of Sediment-Associated Pesticides in Agriculture-Dominated Water Bodies of California's Central Valley. <i>Environmental Science & Technology</i> , 2004, 38, 2752-2759.	10.0	260
3	Pyrethroid Insecticides and Sediment Toxicity in Urban Creeks from California and Tennessee. <i>Environmental Science & Technology</i> , 2006, 40, 1700-1706.	10.0	244
4	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.	12.4	221
5	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.	7.5	211
6	Microplastic Impacts on Microalgae Growth: Effects of Size and Humic Acid. <i>Environmental Science & Technology</i> , 2020, 54, 1782-1789.	10.0	207
7	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.	2.9	153
8	Temperature as a toxicity identification evaluation tool for pyrethroid insecticides: Toxicokinetic confirmation. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1051-1058.	4.3	143
9	Comparison of Chemical Approaches for Assessing Bioavailability of Sediment-Associated Contaminants. <i>Environmental Science & Technology</i> , 2006, 40, 6348-6353.	10.0	132
10	The washout effects of rainfall on atmospheric particulate pollution in two Chinese cities. <i>Environmental Pollution</i> , 2016, 215, 195-202.	7.5	110
11	Whole sediment toxicity identification evaluation tools for pyrethroid insecticides: III. Temperature manipulation. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 173-180.	4.3	90
12	Mitigating pesticide pollution in China requires law enforcement, farmer training, and technological innovation. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 963-971.	4.3	87
13	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.	8.2	87
14	Bioavailability of PCBs from field-collected sediments: Application of Tenax extraction and matrix-SPME techniques. <i>Chemosphere</i> , 2008, 71, 337-344.	8.2	86
15	Occurrence and distribution of sediment-associated insecticides in urban waterways in the Pearl River Delta, China. <i>Chemosphere</i> , 2011, 82, 1373-1379.	8.2	84
16	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
17	A Sonication Extraction Method for the Analysis of Pyrethroid, Organophosphate, and Organochlorine Pesticides from Sediment by Gas Chromatography with Electron-Capture Detection. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 47, 141-7.	4.1	82
18	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.	10.0	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. <i>Environmental Pollution</i> , 2018, 235, 47-54.	7.5	78
20	Developmental Toxicity of a Neonicotinoid Insecticide, Acetamiprid to Zebrafish Embryos. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2429-2436.	5.2	78
21	Availability of polychlorinated biphenyls in field-contaminated sediment. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1940-1948.	4.3	69
22	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.	10.0	66
23	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.	4.3	65
24	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.	4.3	62
25	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.	10.0	61
26	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.	8.0	61
27	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.	10.0	60
28	A solution for isomerization of pyrethroid insecticides in gas chromatography. <i>Journal of Chromatography A</i> , 2007, 1166, 181-190.	3.7	57
29	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.	3.5	56
30	Degradation of fipronil in anaerobic sediments and the effect on porewater concentrations. <i>Chemosphere</i> , 2009, 77, 22-28.	8.2	51
31	Bioavailability and biotransformation of sediment-associated pyrethroid insecticides in <i>Lumbriculus variegatus</i> . <i>Chemosphere</i> , 2009, 75, 1477-1482.	8.2	50
32	Sorption of PBDE in low-density polyethylene film: Implications for bioavailability of BDE-209. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1731-1738.	4.3	50
33	Analysis of sediment-associated insecticides using ultrasound assisted microwave extraction and gas chromatography-mass spectrometry. <i>Talanta</i> , 2010, 83, 171-177.	5.5	48
34	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.	5.5	48
35	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.	7.5	45
36	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.	4.1	43

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37	EFFECT OF PIPERONYL BUTOXIDE ON PERMETHRIN TOXICITY IN THE AMPHIPOD HYALELLA AZTECA. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1817.	4.3	42
38	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.	7.5	42
39	Comparative mammalian hazards of neonicotinoid insecticides among exposure durations. <i>Environment International</i> , 2019, 125, 9-24.	10.0	41
40	Predicting mixture toxicity and antibiotic resistance of fluoroquinolones and their photodegradation products in <i>Escherichia coli</i> . <i>Environmental Pollution</i> , 2020, 262, 114275.	7.5	41
41	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.	8.0	39
42	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.	7.5	38
43	Toward Sustainable Environmental Quality: Priority Research Questions for Asia. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1485-1505.	4.3	38
44	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.	12.4	38
45	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.	7.5	37
46	Pyrethroids in indoor air during application of various mosquito repellents: Occurrence, dissipation and potential exposure risk. <i>Chemosphere</i> , 2016, 144, 2427-2435.	8.2	37
47	Toxicology Advances for 21st Century Chemical Pollution. <i>One Earth</i> , 2020, 2, 312-316.	6.8	37
48	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.	12.4	37
49	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.	4.3	35
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.	4.3	35
51	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.	12.4	35
52	Toxicogenomics provides insights to toxicity pathways of neonicotinoids to aquatic insect, <i>Chironomus dilutus</i> . <i>Environmental Pollution</i> , 2020, 260, 114011.	7.5	34
53	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.	4.3	30
54	Condensation nucleation light scattering detection with ion chromatography for direct determination of glyphosate and its metabolite in water. <i>Journal of Chromatography A</i> , 2003, 989, 231-238.	3.7	29

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55	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.	10.0	29
56	Bioavailability of Hydrophobic Organic Contaminants in Sediment with Different Particle-Size Distributions. <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 61, 74-82.	4.1	28
57	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.	12.4	28
58	Multi-compartmental toxicokinetic modeling of fipronil in tilapia: Accumulation, biotransformation and elimination. <i>Journal of Hazardous Materials</i> , 2018, 360, 420-427.	12.4	28
59	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.	4.3	27
60	Bioavailability-based chronic toxicity measurements of permethrin to <i>Chironomus dilutus</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1403-1411.	4.3	27
61	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.	4.3	26
62	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.	4.3	26
63	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.	10.0	26
64	Influence of black carbon and chemical planarity on bioavailability of sediment-associated contaminants. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1976-1983.	4.3	25
65	Determination of pyrethroid insecticides in sediment by gas chromatography-ion trap tandem mass spectrometry. <i>Talanta</i> , 2010, 81, 136-141.	5.5	25
66	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
67	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.	5.2	24
68	Chronic Toxicity Thresholds for Sediment-Associated Benzo[a]pyrene in the Midge (<i>Chironomus</i>) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 2	4.1	24
69	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.	10.8	24
70	Application of a Tenax model to assess bioavailability of PCBs in field sediments. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2210-2216.	4.3	23
71	Assessing bioavailability and toxicity of permethrin and DDT in sediment using matrix solid phase microextraction. <i>Ecotoxicology</i> , 2013, 22, 109-117.	2.4	23
72	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.	8.0	23

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73	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.	4.3	23
74	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.	10.0	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. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 640-648.	4.3	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. <i>Environmental Science & Technology</i> , 2022, 56, 3492-3502.	10.0	22
77	Direct Determination of Glyphosate in Environmental Waters Using Capillary Electrophoresis with Electro-spray Condensation Nucleation Light Scattering Detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 797-806.	3.3	21
78	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.	4.1	21
79	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.	7.5	21
80	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
81	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.	10.0	20
82	Environmental hotspots and greenhouse gas reduction potential for different lithium-ion battery recovery strategies. <i>Journal of Cleaner Production</i> , 2022, 339, 130697.	9.3	20
83	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.	6.0	19
84	Dissipation of Insecticidal Cry1Ac Protein and Its Toxicity to Nontarget Aquatic Organisms. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10864-10871.	5.2	19
85	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.	10.0	19
86	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.	6.0	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. <i>Toxicology in Vitro</i> , 2016, 34, 35-44.	2.4	18
88	Particle-scale understanding of cypermethrin in sediment: Desorption, bioavailability, and bioaccumulation in benthic invertebrate <i>Lumbricus variegatus</i> . <i>Science of the Total Environment</i> , 2018, 642, 638-645.	8.0	18
89	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.	8.0	18
90	Acute Toxicity of Sediment-Sorbed Endrin, Methoxychlor, and Endosulfan to <i>Hyalella azteca</i> and <i>Chironomus tentans</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 73, 457-64.	2.7	17

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91	Permethrin modulates cholinergic mini-synaptic currents by partially blocking the calcium channel. <i>Toxicology Letters</i> , 2011, 201, 258-263.	0.8	16
92	Use of solid phase microextraction to estimate toxicity: Relating fiber concentrations to body residuesâ€™ part II. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2168-2174.	4.3	16
93	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.	5.2	16
94	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.	8.0	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. <i>Environmental Pollution</i> , 2021, 275, 116601.	7.5	16
96	Comparison of cleanup methods for fipronil and its degradation products in sediment extracts. <i>Talanta</i> , 2009, 78, 1408-1413.	5.5	15
97	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.	4.1	15
98	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.	7.5	15
99	Determination of pyrethroid, organophosphate and organochlorine pesticides in water by headspace solid-phase microextraction. <i>International Journal of Environmental Analytical Chemistry</i> , 2006, 86, 381-389.	3.3	14
100	Patterns of Pyrethroid Contamination and Toxicity in Agricultural and Urban Stream Segments. <i>ACS Symposium Series</i> , 2008, , 355-369.	0.5	14
101	Sediment Toxicity in Agricultural Areas of California and the Role of Hydrophobic Pesticides. <i>ACS Symposium Series</i> , 2008, , 26-54.	0.5	14
102	Use of homing pigeons as biomonitors of atmospheric metal concentrations in Beijing and Guangzhou, China. <i>Ecotoxicology</i> , 2016, 25, 439-446.	2.4	14
103	Synthesis and application of a novel solidâ€™phase extraction adsorbent for multiresidue analysis of insecticides in water. <i>Journal of Separation Science</i> , 2018, 41, 525-533.	2.5	14
104	Joint toxicity of imidacloprid and azoxystrobin to <i>Chironomus dilutus</i> at organism, cell, and gene levels. <i>Aquatic Toxicology</i> , 2021, 233, 105783.	4.0	14
105	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.	8.0	14
106	Simultaneous determination of pyrethroid, organophosphate, and organochlorine pesticides in fish tissue using tandem solid-phase extraction clean-up. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 559-571.	3.3	13
107	ELEVATED ORGANOCHLORINES IN THE BRAINâ€™HYPOTHALAMICâ€™PITUITARY COMPLEX OF INTERSEXUAL SHOVELNOSE STURGEON. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1689.	4.3	13
108	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.	4.1	13

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109	Development of the transcriptome for a sediment ecotoxicological model species, <i>Chironomus dilutus</i> . <i>Chemosphere</i> , 2020, 244, 125541.	8.2	13
110	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.	12.4	13
111	Analysis of organic pollutants in sewage by supercritical fluid extraction. <i>Chromatographia</i> , 1999, 49, 399-405.	1.3	12
112	Fluorescence properties of carbazole-9-ylpropionic acid and its application to the determination of amines via HPLC with fluorescence detection. <i>Analyst, The</i> , 1999, 124, 281-288.	3.5	12
113	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.	7.5	12
114	Evaluation of Desulfuration Methods for Pyrethroid, Organophosphate, and Organochlorine Pesticides in Sediment with High Sulfur Content. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 47, 148-53.	4.1	11
115	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.	8.2	11
116	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.	10.0	11
117	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.	2.5	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. <i>Analyst, The</i> , 1999, 124, 1755-1760.	3.5	10
119	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.	8.0	10
120	Role of environmental stresses in elevating resistance mutations in bacteria: Phenomena and mechanisms. <i>Environmental Pollution</i> , 2022, 307, 119603.	7.5	10
121	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.	4.3	9
122	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.	6.0	9
123	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.	4.3	9
124	The neonicotinoid alternative sulfoxaflor causes chronic toxicity and impairs mitochondrial energy production in <i>Chironomus kiinensis</i> . <i>Aquatic Toxicology</i> , 2021, 235, 105822.	4.0	9
125	Joint effects of antibiotics and quorum sensing inhibitors on resistance development in bacteria. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 995-1005.	3.5	9
126	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.	12.4	9

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127	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
128	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.	5.0	8
129	Identifying bioaccessible suspect toxicants in sediment using adverse outcome pathway directed analysis. <i>Journal of Hazardous Materials</i> , 2020, 389, 121853.	12.4	8
130	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.	6.0	8
131	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.	4.3	8
132	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.	7.5	8
133	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.	4.1	7
134	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.	5.0	7
135	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.	10.0	7
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