Michael J Lydy

List of Publications by Year
in descending order

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183 papers	8,337 citations	41627 51 h-index	64407 83 g-index
183 all docs	183 docs citations	183 times ranked	6189 citing authors

#	Article	IF	Citations
1	Taking the Bite out of Mosquito Bites: The Role of Perceived Risk. International Journal of Environmental Health Research, 2022, 32, 18-28.	1.3	0
2	Dietary Exposure to Bifenthrin and Fipronil Impacts Swimming Performance in Juvenile Chinook Salmon (Oncorhynchus tshawytscha). Environmental Science & Technology, 2022, 56, 5071-5080.	4.6	7
3	Pesticide residues in juvenile Chinook salmon and prey items of the Sacramento River watershed, California â€“ A comparison of riverine and floodplain habitats. Environmental Pollution, 2022, 303, 119102.	3.7	8
4	Effects of temperature and salinity on bioconcentration and toxicokinetics of permethrin in pyrethroid-resistant Hyalella azteca. Chemosphere, 2022, 299, 134393.	4.2	4
5	Bioavailability of legacy and current-use pesticides in juvenile Chinook salmon habitat of the Sacramento River watershed: Importance of sediment characteristics and extraction techniques. Chemosphere, 2022, 298, 134174.	4.2	4
6	Fitness costs of pesticide resistance in Hyalella azteca under future climate change scenarios. Science of the Total Environment, 2021, 753, 141945.	3.9	9
7	Exposure to permethrin or chlorpyrifos causes differential dose- and time-dependent behavioral effects at early larval stages of an endangered teleost species. Endangered Species Research, 2021, 44, 89-103.	1.2	16
8	Pyrethroid bioaccumulation in field-collected insecticide-resistant Hyalella azteca. Ecotoxicology, 2021, 30, 514-523.	1.1	8
9	Effects of dietary cypermethrin exposure on swimming performance and expression of lipid homeostatic genes in livers of juvenile Chinook salmon, Oncorhynchus tshawytscha. Ecotoxicology, 2021, 30, 257-267.	1.1	11
10	Transcriptomic and Histopathological Effects of Bifenthrin to the Brain of Juvenile Rainbow Trout (Oncorhynchus mykiss). Toxics, 2021, 9, 48.	1.6	17
11	Trophic transfer, bioaccumulation and transcriptomic effects of permethrin in inland silversides, Menidia beryllina, under future climate scenarios. Environmental Pollution, 2021, 275, 116545.	3.7	22
12	The contribution of detoxification pathways to pyrethroid resistance in Hyalella azteca. Environmental Pollution, 2021, 284, 117158.	3.7	6
13	Bioaccumulation potential of chlorpyrifos in resistant Hyalella azteca: Implications for evolutionary toxicology. Environmental Pollution, 2021, 289, 117900.	3.7	7
14	Enhanced trophic transfer of chlorpyrifos from resistant Hyalella azteca to inland silversides (Menidia beryllina) and effects on acetylcholinesterase activity and swimming performance at varying temperatures. Environmental Pollution, 2021, 291, 118217.	3.7	9
15	Recessivity of pyrethroid resistance and limited interspecies hybridization across Hyalella clades supports rapid and independent origins of resistance. Environmental Pollution, 2020, 266, 115074.	3.7	9
16	Ex situ determination of freely dissolved concentrations of hydrophobic organic chemicals in sediments and soils: basis for interpreting toxicity and assessing bioavailability, risks and remediation necessity. Nature Protocols, 2020, 15, 1800-1828.	5.5	27
17	Analysis of RNA Interference (RNAi) Biopesticides: Double-Stranded RNA (dsRNA) Extraction from Agricultural Soils and Quantification by RT-qPCR. Environmental Science & Technology, 2020, 54, 4893-4902.	4.6	17
18	The G119S aceâ€1 mutation confers adaptive organophosphate resistance in a nontarget amphipod. Evolutionary Applications, 2020, 13, 620-635.	1.5	15

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19	Lifelong Exposure to Dioxin-Like PCBs Alters Paternal Offspring Care Behavior and Reduces Male Fish Reproductive Success. Environmental Science & Technology, 2019, 53, 11507-11514.	4.6	14
20	Survey of bioaccessible pyrethroid insecticides and sediment toxicity in urban streams of the northeast United States. Environmental Pollution, 2019, 254, 112931.	3.7	23
21	An Examination of Exposure Routes of Fluvalinate to Larval and Adult Honey Bees (<i>Apis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.2	11
22	Can Tenax Extraction Be Used as a Surrogate Exposure Metric for Laboratoryâ€Based Bioaccumulation Tests Using Marine Sediments?. Environmental Toxicology and Chemistry, 2019, 38, 1188-1197.	2.2	5
23	Evaluating toxicity risk in sediments after remediation at a Superfund megasite using a Triad approach. Environmental Monitoring and Assessment, 2019, 191, 665.	1.3	4
24	An assessment of pesticide exposures and land use of honey bees in Virginia. Chemosphere, 2019, 222, 489-493.	4.2	38
25	Advancing the Use of Passive Sampling in Risk Assessment and Management of Sediments Contaminated with Hydrophobic Organic Chemicals: Results of an International Ex Situ Passive Sampling Interlaboratory Comparison. Environmental Science & Technology, 2018, 52, 3574-3582.	4.6	38
26	Are there fitness costs of adaptive pyrethroid resistance in the amphipod, Hyalella azteca?. Environmental Pollution, 2018, 235, 39-46.	3.7	32
27	Using Mutations for Pesticide Resistance to Identify the Cause of Toxicity in Environmental Samples. Environmental Science & Technology, 2018, 52, 859-867.	4.6	7
28	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
29	Unintentional exposure to terrestrial pesticides drives widespread and predictable evolution of resistance in freshwater crustaceans. Evolutionary Applications, 2018, 11, 748-761.	1.5	45
30	Effects of type and quantity of organic carbon on the bioaccessibility of polychlorinated biphenyls in contaminated sediments. Environmental Toxicology and Chemistry, 2018, 37, 1280-1290.	2.2	6
31	The Value of Using Multiple Metrics to Evaluate PCB Exposure. Archives of Environmental Contamination and Toxicology, 2018, 74, 361-371.	2.1	9
32	Effect of sample holding time on bioaccessibility and sediment ecotoxicological assessments. Environmental Pollution, 2018, 242, 2078-2087.	3.7	9
33	The robustness of single-point Tenax extractions of pyrethroids: Effects of the Tenax to organic carbon mass ratio on exposure estimates. Chemosphere, 2017, 171, 308-317.	4.2	12
34	Optimization of Tenax extraction parameters for polychlorinated biphenyls in contaminated sediments. Talanta, 2017, 164, 386-395.	2.9	10
35	Fate and transport of furrow-applied granular tefluthrin and seed-coated clothianidin insecticides: Comparison of field-scale observations and model estimates. Ecotoxicology, 2017, 26, 876-888.	1.1	16
36	Mixture toxicity of phostebupirim and cyfluthrin: Speciesâ€specific responses. Environmental Toxicology and Chemistry, 2017, 36, 1947-1954.	2.2	5

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37	Methodological and Environmental Impacts on Bioaccessibility Estimates Provided by Single-Point Tenax Extractions. Archives of Environmental Contamination and Toxicology, 2017, 72, 612-621.	2.1	9
38	Do pyrethroid-resistant Hyalella azteca have greater bioaccumulation potential compared to non-resistant populations? Implications for bioaccumulation in fish. Environmental Pollution, 2017, 220, 375-382.	3.7	33
39	Fate and risk of atrazine and sulfentrazone to nontarget species at an agriculture site. Environmental Toxicology and Chemistry, 2017, 36, 1301-1310.	2.2	23
40	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
41	Statewide surveillance of halogenated flame retardants in fish in Illinois, USA. Environmental Pollution, 2016, 214, 627-634.	3.7	28
42	Insecticide concentrations in stream sediments of soy production regions of South America. Science of the Total Environment, 2016, 547, 114-124.	3.9	73
43	Fate and transport of agriculturally applied fungicidal compounds, azoxystrobin and propiconazole. Chemosphere, 2016, 146, 450-457.	4.2	42
44	Pyrethroids in indoor air during application of various mosquito repellents: Occurrence, dissipation and potential exposure risk. Chemosphere, 2016, 144, 2427-2435.	4.2	37
45	A siteâ€specific ecological risk assessment for cornâ€associated insecticides. Integrated Environmental Assessment and Management, 2015, 11, 445-458.	1.6	6
46	Assessing the fate and effects of an insecticidal formulation. Environmental Toxicology and Chemistry, 2015, 34, 197-207.	2.2	5
47	Contaminants reduce male contribution to reproduction at the population scale. Ecosphere, 2015, 6, 1-12.	1.0	4
48	Adaptation, not acclimation, is the likely mechanism for reduced sensitivity of some wild Hyalella populations to pyrethroid insecticides. Environmental Toxicology and Chemistry, 2015, 34, 2188-2190.	2.2	3
49	Tenax extraction as a simple approach to improve environmental risk assessments. Environmental Toxicology and Chemistry, 2015, 34, 1445-1453.	2.2	18
50	Letter to the Editor. Environmental Toxicology and Chemistry, 2015, 34, 1463-1463.	2.2	0
51	Tenax extraction of sediments to estimate desorption and bioavailability of hydrophobic contaminants: A literature review. Integrated Environmental Assessment and Management, 2015, 11, 208-220.	1.6	44
52	Assessment of Sediment Toxicity with SPME-Based Approaches. Comprehensive Analytical Chemistry, 2015, 67, 161-194.	0.7	1
53	Stormwater-related transport of the insecticides bifenthrin, fipronil, imidacloprid, and chlorpyrifos into a tidal wetland, San Francisco Bay, California. Science of the Total Environment, 2015, 527-528, 18-25.	3.9	66
54	Effects of pyrethroid insecticides in urban runoff on Chinook salmon, steelhead trout, and their invertebrate prey. Environmental Toxicology and Chemistry, 2015, 34, 649-657.	2.2	37

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55	Mixture Toxicity of Imidacloprid and Cyfluthrin to Two Non-target Species, the Fathead Minnow Pimephales promelas and the Amphipod Hyalella azteca. Archives of Environmental Contamination and Toxicology, 2015, 68, 354-361.	2.1	18
56	Fate and effects of clothianidin in fields using conservation practices. Environmental Toxicology and Chemistry, 2015, 34, 258-265.	2.2	56
57	The fate and transport of the Cry1Ab protein in an agricultural field and laboratory aquatic microcosms. Chemosphere, 2015, 132, 94-100.	4.2	28
58	A Simultaneous Extraction Method for Organophosphate, Pyrethroid, and Neonicotinoid Insecticides in Aqueous Samples. Archives of Environmental Contamination and Toxicology, 2015, 68, 745-756.	2.1	13
59	Development and comparison of two multi-residue methods for the analysis of select pesticides in honey bees, pollen, and wax by gas chromatographyâ€“quadrupole mass spectrometry. Talanta, 2015, 140, 81-87.	2.9	52
60	A multi-year field study to evaluate the environmental fate and agronomic effects of insecticide mixtures. Science of the Total Environment, 2014, 497-498, 534-542.	3.9	25
61	Application of a tenax model to assess bioavailability of polychlorinated biphenyls in field sediments. Environmental Toxicology and Chemistry, 2014, 33, 286-292.	2.2	19
62	Using Hexagenia in sediment bioassays: Methods, applicability, and relative sensitivity. Environmental Toxicology and Chemistry, 2014, 33, 868-874.	2.2	16
63	Urban and agricultural pesticide inputs to a critical habitat for the threatened delta smelt (Hypomesus transpacificus). Environmental Toxicology and Chemistry, 2014, 33, 920-929.	2.2	32
64	Validation of an extraction method for Cry1Ab protein from soil. Environmental Toxicology and Chemistry, 2014, 33, 18-25.	2.2	8
65	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
66	Passive sampling methods for contaminated sediments: State of the science for organic contaminants. Integrated Environmental Assessment and Management, 2014, 10, 167-178.	1.6	101
67	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
68	Toxicity of the Insecticide Fipronil and Its Degradates to Benthic Macroinvertebrates of Urban Streams. Environmental Science & Technology, 2014, 48, 1290-1297.	4.6	125
69	Ecological bioavailability of permethrin and p,pâ€²-DDT: Toxicity depends on type of organic matter resource. Chemosphere, 2014, 96, 67-73.	4.2	11
70	Laboratory and field validation of a Cry1Ab protein quantitation method for water. Talanta, 2014, 128, 109-116.	2.9	18
71	Multiple origins of pyrethroid insecticide resistance across the species complex of a nontarget aquatic crustacean, Hyalella azteca. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16532-16537.	3.3	131
72	Identifying the cause of sediment toxicity in agricultural sediments: The role of pyrethroids and nine seldom-measured hydrophobic pesticides. Chemosphere, 2013, 90, 958-964.	4.2	46

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73	Bioavailability-based toxicity endpoints of bifenthrin for Hyalella azteca and Chironomus dilutus. Chemosphere, 2013, 90, 1117-1122.	4.2	35
74	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
75	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
76	Using SPME fibers and Tenax to predict the bioavailability of pyrethroids and chlorpyrifos in field sediments. Environmental Pollution, 2013, 173, 47-51.	3.7	33
77	Assessing bioavailability and toxicity of permethrin and DDT in sediment using matrix solid phase microextraction. Ecotoxicology, 2013, 22, 109-117.	1.1	23
78	Dynamics of contaminant accumulation in benthos: Route to understanding exposure to organic contaminants. Environmental Toxicology and Chemistry, 2013, 32, 1209-1211.	2.2	4
79	Pyrethroid insecticides in municipal wastewater. Environmental Toxicology and Chemistry, 2013, 32, 2460-2468.	2.2	52
80	Can SPME Fiber and Tenax Methods Predict the Bioavailability of Biotransformed Insecticides?. Environmental Science & Technology, 2012, 46, 2413-2419.	4.6	52
81	Pyrethroid Insecticide Transport into Monterey Bay Through Riverine Suspended Solids. Archives of Environmental Contamination and Toxicology, 2012, 63, 461-470.	2.1	11
82	Stormwater input of pyrethroid insecticides to an urban river. Environmental Toxicology and Chemistry, 2012, 31, 1579-1586.	2.2	72
83	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
84	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
85	Application of a Tenax model to assess bioavailability of PCBs in field sediments. Environmental Toxicology and Chemistry, 2012, 31, 2210-2216.	2.2	23
86	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
87	A comparison of exposure methods for SPME-based bioavailability estimates. Chemosphere, 2012, 86, 506-511.	4.2	14
88	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
89	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
90	Chemical techniques for assessing bioavailability of sediment-associated contaminants: SPME versus Tenax extraction. Journal of Environmental Monitoring, 2011, 13, 792.	2.1	83

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91	Analysis of persistent halogenated hydrocarbons in fish feeds containing fish oil and other alternative lipid sources. Talanta, 2011, 85, 1291-1297.	2.9	3
92	Occurrence and distribution of sediment-associated insecticides in urban waterways in the Pearl River Delta, China. Chemosphere, 2011, 82, 1373-1379.	4.2	84
93	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
94	Toxicity of Sediment-Associated Pesticides to Chironomus dilutus and Hyalella azteca. Archives of Environmental Contamination and Toxicology, 2011, 61, 83-92.	2.1	43
95	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
96	Development of a Sample Preparation Method for the Analysis of Current-Use Pesticides in Sediment Using Gas Chromatography. Archives of Environmental Contamination and Toxicology, 2010, 58, 255-267.	2.1	13
97	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
98	Congener-specific egg contribution of polychlorinated biphenyls to nestlings in two passerine species. Environmental Pollution, 2010, 158, 2725-2732.	3.7	1
99	Determining modifications to bifenthrin toxicity and sediment binding affinity from varying potassium chloride concentrations in overlying water. Chemosphere, 2010, 80, 53-59.	4.2	6
100	Distribution and toxicity of sedimentâ€associated pesticides in urban and agricultural waterways from Illinois, USA. Environmental Toxicology and Chemistry, 2010, 29, 149-157.	2.2	111
101	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
102	Influence of black carbon and chemical planarity on bioavailability of sedimentâ€associated contaminants. Environmental Toxicology and Chemistry, 2010, 29, 1976-1983.	2.2	25
103	Urban and Agricultural Sources of Pyrethroid Insecticides to the Sacramento-San Joaquin Delta of California. Environmental Science & Technology, 2010, 44, 1833-1840.	4.6	202
104	Focused toxicity identification evaluations to rapidly identify the cause of toxicity in environmental samples. Chemosphere, 2010, 78, 368-374.	4.2	21
105	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
106	Determination of pyrethroid insecticides in sediment by gas chromatographyâ€”Ion trap tandem mass spectrometry. Talanta, 2010, 81, 136-141.	2.9	25
107	Analysis of sediment-associated insecticides using ultrasound assisted microwave extraction and gas chromatographyâ€“mass spectrometry. Talanta, 2010, 83, 171-177.	2.9	48
108	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

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109	Whole sediment toxicity identification evaluation tools for pyrethroid insecticides: III. Temperature manipulation. Environmental Toxicology and Chemistry, 2009, 28, 173-180.	2.2	90
110	Temperature as a toxicity identification evaluation tool for pyrethroid insecticides: Toxicokinetic confirmation. Environmental Toxicology and Chemistry, 2009, 28, 1051-1058.	2.2	143
111	Identification and evaluation of pyrethroid insecticide mixtures in urban sediments. Environmental Toxicology and Chemistry, 2009, 28, 1687-1695.	2.2	42
112	Occurrence and potential toxicity of pyrethroids and other insecticides in bed sediments of urban streams in central Texas. Environmental Pollution, 2009, 157, 110-116.	3.7	141
113	Bioavailability and biotransformation of sediment-associated pyrethroid insecticides in Lumbriculus variegatus. Chemosphere, 2009, 75, 1477-1482.	4.2	50
114	Degradation of fipronil in anaerobic sediments and the effect on porewater concentrations. Chemosphere, 2009, 77, 22-28.	4.2	51
115	Joint toxicity of fluoranthene and pentachlorobenzene to Hyalella azteca and Chironomus dilutus. Chemosphere, 2009, 77, 399-403.	4.2	14
116	Method development for the analysis of organophosphate and pyrethroid insecticides at low parts per trillion levels in water. Talanta, 2009, 78, 1345-1351.	2.9	89
117	Comparison of cleanup methods for fipronil and its degradation products in sediment extracts. Talanta, 2009, 78, 1408-1413.	2.9	15
118	Toxicity of Anionic Polyacrylamide Formulations when Used for Erosion Control in Agriculture. Journal of Environmental Quality, 2009, 38, 238-247.	1.0	59
119	Bioconcentration, Bioaccumulation, and Biotransformation of Explosives and Related Compounds in Aquatic Organisms. , 2009, , 135-155.		8
120	PARTITIONING AND MATRIX-SPECIFIC TOXICITY OF BIFENTHRIN AMONG SEDIMENTS AND LEAF-SOURCED ORGANIC MATTER. Environmental Toxicology and Chemistry, 2008, 27, 945.	2.2	28
121	IDENTIFYING THE CAUSE AND SOURCE OF SEDIMENT TOXICITY IN AN AGRICULTURE-INFLUENCED CREEK. Environmental Toxicology and Chemistry, 2008, 27, 953.	2.2	36
122	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
123	Effect of sedimentâ€associated pyrethroids, fipronil, and metabolites on Chironomus tentans growth rate, body mass, condition index, immobilization, and survival. Environmental Toxicology and Chemistry, 2008, 27, 2582-2590.	2.2	103
124	Examining the joint toxicity of chlorpyrifos and atrazine in the aquatic species: Lepomis macrochirus, Pimephales promelas and Chironomus tentans. Environmental Pollution, 2008, 152, 217-224.	3.7	61
125	Bioavailability of PCBs from field-collected sediments: Application of Tenax extraction and matrix-SPME techniques. Chemosphere, 2008, 71, 337-344.	4.2	86
126	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

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127	Sediment Toxicity in Agricultural Areas of California and the Role of Hydrophobic Pesticides. ACS Symposium Series, 2008, , 26-54.	0.5	14
128	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
129	Predicting Bioavailability of Sediment-Associated Organic Contaminants forDiporeiaspp. and Oligochaetes. Environmental Science & Technology, 2007, 41, 6442-6447.	4.6	60
130	Relative toxicity and occurrence patterns of pesticide mixtures in streams draining agricultural watersheds dominated by corn and soybean production. Integrated Environmental Assessment and Management, 2007, 3, 90-100.	1.6	69
131	How well can we predict the toxicity of pesticide mixtures to aquatic life?. Integrated Environmental Assessment and Management, 2007, 3, 364-372.	1.6	351
132	How well can we predict the toxicity of pesticide mixtures to aquatic life?. Integrated Environmental Assessment and Management, 2007, 3, e1.	1.6	13
133	A solution for isomerization of pyrethroid insecticides in gas chromatography. Journal of Chromatography A, 2007, 1166, 181-190.	1.8	57
134	Cloning and expression of an atrazine inducible cytochrome P450, CYP4G33, from Chironomus tentans (Diptera: Chironomidae). Pesticide Biochemistry and Physiology, 2007, 89, 104-110.	1.6	20
135	RESPONSE SPECTRUM OF FLUORANTHENE AND PENTACHLOROBENZENE FOR THE FATHEAD MINNOW (PIMEPHALES PROMELAS). Environmental Toxicology and Chemistry, 2007, 26, 139.	2.2	10
136	Response spectrum of pentachlorobenzene and fluoranthene for Chironomus tentans and Hyalella azteca. Environmental Toxicology and Chemistry, 2007, 26, 1248-1257.	2.2	18
137	Availability of polychlorinated biphenyls in fieldâ€contaminated sediment. Environmental Toxicology and Chemistry, 2007, 26, 1940-1948.	2.2	69
138	Trophic Transfer of Polychlorinated Biphenyls in Great Blue Heron (Ardea herodias) at Crab Orchard National Wildlife Refuge, Illinois, United States. Archives of Environmental Contamination and Toxicology, 2007, 52, 572-579.	2.1	8
139	How Well Can We Predict the Toxicity of Pesticide Mixtures to Aquatic Life?. Integrated Environmental Assessment and Management, 2007, 3, 364.	1.6	8
140	Relative toxicity and occurrence patterns of pesticide mixtures in streams draining agricultural watersheds dominated by corn and soybean production. , 2007, 3, 90.		1
141	How Well Can We Predict the Toxicity of Pesticide Mixtures to Aquatic Life?. Integrated Environmental Assessment and Management, 2007, 3, e1.	1.6	1
142	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
143	Pyrethroid Insecticides and Sediment Toxicity in Urban Creeks from California and Tennessee. Environmental Science & Technology, 2006, 40, 1700-1706.	4.6	244
144	Aquatic Effects of Aerial Spraying for Mosquito Control over an Urban Area. Environmental Science & Technology, 2006, 40, 5817-5822.	4.6	57

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145	Comparison of Chemical Approaches for Assessing Bioavailability of Sediment-Associated Contaminants. Environmental Science & Technology, 2006, 40, 6348-6353.	4.6	132
146	BIOACCUMULATION AND TROPHIC TRANSFER OF POLYCHLORINATED BIPHENYLS BY AQUATIC AND TERRESTRIAL INSECTS TO TREE SWALLOWS (TACHYCINETA BICOLOR). Environmental Toxicology and Chemistry, 2006, 25, 1017.	2.2	52
147	JOINT TOXICITY OF CHLORPYRIFOS AND ESFENVALERATE TO FATHEAD MINNOWS AND MIDGE LARVAE. Environmental Toxicology and Chemistry, 2006, 25, 623.	2.2	92
148	EFFECT OF PIPERONYL BUTOXIDE ON PERMETHRIN TOXICITY IN THE AMPHIPOD HYALELLA AZTECA. Environmental Toxicology and Chemistry, 2006, 25, 1817.	2.2	42
149	EFFECTS OF THE ANTIBIOTIC CIPROFLOXACIN ON STREAM MICROBIAL COMMUNITIES AND DETRITIVOROUS MACROINVERTEBRATES. Environmental Toxicology and Chemistry, 2006, 25, 1598.	2.2	75
150	ELEVATED ORGANOCHLORINES IN THE BRAINâ€“HYPOTHALAMICâ€“PITUITARY COMPLEX OF INTERSEXUAL SHOVELNOSE STURGEON. Environmental Toxicology and Chemistry, 2006, 25, 1689.	2.2	13
151	Effects of Triazine Herbicides on Organophosphate Insecticide Toxicity in Hyalella azteca. Archives of Environmental Contamination and Toxicology, 2006, 51, 29-34.	2.1	37
152	Impact of Atrazine on Chlorpyrifos Toxicity in Four Aquatic Vertebrates. Archives of Environmental Contamination and Toxicology, 2006, 51, 681-689.	2.1	60
153	Comparative toxicity of fluoranthene and pentachlorobenzene to three freshwater invertebrates. Environmental Toxicology and Chemistry, 2006, 25, 985-994.	2.2	27
154	TOXICITY OF FLUOROQUINOLONE ANTIBIOTICS TO AQUATIC ORGANISMS. Environmental Toxicology and Chemistry, 2005, 24, 423.	2.2	401
155	ACCUMULATION OF HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE IN CHANNEL CATFISH (ICTALURUS) Tj ETQq1 1 0.784314 rgBT /Ove Chemistry, 2005, 24, 1962.	2.2	25
156	Comparative Toxicokinetics of Explosive Compounds in Sheepshead Minnows. Archives of Environmental Contamination and Toxicology, 2005, 49, 206-214.	2.1	42
157	Joint Toxicity of Triazine Herbicides and Organophosphate Insecticides to the Midge Chironomus tentans. Archives of Environmental Contamination and Toxicology, 2005, 49, 173-177.	2.1	58
158	Accumulation of trinitrotoluene (TNT) in aquatic organisms: Part 2â€”Bioconcentration in aquatic invertebrates and potential for trophic transfer to channel catfish (Ictalurus punctatus). Chemosphere, 2005, 58, 1161-1168.	4.2	57
159	Accumulation of trinitrotoluene (TNT) in aquatic organisms: Part 1â€”Bioconcentration and distribution in channel catfish (Ictalurus punctatus). Chemosphere, 2005, 58, 1153-1159.	4.2	77
160	Lead and zinc bioavailability to Eisenia fetida after phosphorus amendment to repository soils. Environmental Pollution, 2005, 136, 315-321.	3.7	52
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