

Chris D Metcalfe

List of Publications by Year in descending order

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131
papers

12,127
citations

23544

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133
docs citations

133
times ranked

10540
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#	ARTICLE	IF	CITATIONS
1	Occurrence of Antimicrobials in the Final Effluents of Wastewater Treatment Plants in Canada. <i>Environmental Science & Technology</i> , 2004, 38, 3533-3541.	4.6	699
2	Fish micronuclei for assessing genotoxicity in water. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1995, 343, 121-135.	1.2	559
3	DISTRIBUTION OF ACIDIC AND NEUTRAL DRUGS IN SURFACE WATERS NEAR SEWAGE TREATMENT PLANTS IN THE LOWER GREAT LAKES, CANADA. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2881.	2.2	510
4	Potential scenarios for nanomaterial release and subsequent alteration in the environment. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 50-59.	2.2	498
5	Estrogenic potency of chemicals detected in sewage treatment plant effluents as determined by in vivo assays with Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 297-308.	2.2	464
6	OCCURRENCE OF NEUTRAL AND ACIDIC DRUGS IN THE EFFLUENTS OF CANADIAN SEWAGE TREATMENT PLANTS. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2872.	2.2	421
7	Antidepressants and their metabolites in municipal wastewater, and downstream exposure in an urban watershed. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 79-89.	2.2	417
8	Carbamazepine and Its Metabolites in Wastewater and in Biosolids in a Municipal Wastewater Treatment Plant. <i>Environmental Science & Technology</i> , 2005, 39, 7469-7475.	4.6	340
9	Determination of Carbamazepine and Its Metabolites in Aqueous Samples Using Liquid Chromatographyâ€”Electrospray Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2003, 75, 3731-3738.	3.2	286
10	Ecotoxicity test methods for engineered nanomaterials: Practical experiences and recommendations from the bench. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 15-31.	2.2	273
11	Induction of testisâ€”ova in Japanese medaka (<i>Oryzias latipes</i>) exposed to <i>p</i> -nonylphenol. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 1082-1086.	2.2	272
12	ESTROGENIC POTENCY OF CHEMICALS DETECTED IN SEWAGE TREATMENT PLANT EFFLUENTS AS DETERMINED BY IN VIVO ASSAYS WITH JAPANESE MEDAKA (ORYZIAS LATIPES). <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 297.	2.2	242
13	INDUCTION OF TESTISâ€”OVA IN JAPANESE MEDAKA (ORYZIAS LATIPES) EXPOSED TO <i>p</i> -NONYLPHENOL. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 1082.	2.2	226
14	Analysis of acidic drugs in the effluents of sewage treatment plants using liquid chromatographyâ€”electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 952, 139-147.	1.8	213
15	Sampling in the Great Lakes for pharmaceuticals, personal care products, and endocrineâ€”disrupting substances using the passive polar organic chemical integrative sampler. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 751-762.	2.2	192
16	Simultaneous determination of triclocarban and triclosan in municipal biosolids by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1164, 212-218.	1.8	186
17	Reduction of pharmaceutically active compounds by a lagoon wetland wastewater treatment system in Southeast Louisiana. <i>Chemosphere</i> , 2008, 73, 1741-1748.	4.2	186
18	Runoff of pharmaceuticals and personal care products following application of biosolids to an agricultural field. <i>Science of the Total Environment</i> , 2008, 396, 52-59.	3.9	185

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19	Monitoring contaminants of emerging concern from tertiary wastewater treatment plants using passive sampling modelled with performance reference compounds. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 1.	1.3	183
20	Chronic, low concentration exposure to pharmaceuticals impacts multiple organ systems in zebrafish. <i>Aquatic Toxicology</i> , 2013, 132-133, 200-211.	1.9	173
21	Analysis of paroxetine, fluoxetine and norfluoxetine in fish tissues using pressurized liquid extraction, mixed mode solid phase extraction cleanup and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1163, 112-118.	1.8	172
22	Illicit drugs in Canadian municipal wastewater and estimates of community drug use. <i>Environmental Pollution</i> , 2010, 158, 3179-3185.	3.7	172
23	Determination of cholesterol-lowering statin drugs in aqueous samples using liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 998, 133-141.	1.8	167
24	Chronic effects of exposure to a pharmaceutical mixture and municipal wastewater in zebrafish. <i>Aquatic Toxicology</i> , 2013, 132-133, 212-222.	1.9	154
25	Uptake and depuration of the anti-depressant fluoxetine by the Japanese medaka (<i>Oryzias latipes</i>). <i>Chemosphere</i> , 2008, 74, 125-130.	4.2	139
26	ALTERATIONS TO GONADAL DEVELOPMENT AND REPRODUCTIVE SUCCESS IN JAPANESE MEDAKA (<i>ORYZIAS Tj</i> ET Oq0 0 0 rgBT /Overl	2.2	128
27	Contaminants in the coastal karst aquifer system along the Caribbean coast of the Yucatan Peninsula, Mexico. <i>Environmental Pollution</i> , 2011, 159, 991-997.	3.7	124
28	Direct UV photolysis of selected pharmaceuticals, personal care products and endocrine disruptors in aqueous solution. <i>Water Research</i> , 2015, 84, 350-361.	5.3	119
29	The effects of dissolved organic matter and pH on sampling rates for polar organic chemical integrative samplers (POCIS). <i>Chemosphere</i> , 2011, 83, 271-280.	4.2	118
30	Reproductive success and behavior of Japanese medaka (<i>Oryzias latipes</i>) exposed to 4-tert-octylphenol. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 2587-2594.	2.2	117
31	Waterborne fluoxetine disrupts the reproductive axis in sexually mature male goldfish, <i>Carassius auratus</i> . <i>Aquatic Toxicology</i> , 2010, 100, 354-364.	1.9	114
32	The sheepshead minnow as an in vivo model for endocrine disruption in marine teleosts: A partial life-cycle test with 17 β -ethynylestradiol. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1968-1978.	2.2	113
33	Runoff of pharmaceuticals and personal care products following application of dewatered municipal biosolids to an agricultural field. <i>Science of the Total Environment</i> , 2009, 407, 4596-4604.	3.9	110
34	Effects of the antiandrogens, vinclozolin and cyproterone acetate on gonadal development in the Japanese medaka (<i>Oryzias latipes</i>). <i>Aquatic Toxicology</i> , 2003, 63, 391-403.	1.9	105
35	Factors affecting the development of testis-ova in medaka, <i>Oryzias latipes</i> , exposed to octylphenol. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1835-1842.	2.2	103
36	Detection and characterization of silver nanoparticles in aqueous matrices using asymmetric-flow field flow fractionation with inductively coupled plasma mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1233, 109-115.	1.8	103

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37	Neonicotinoid pesticides in drinking water in agricultural regions of southern Ontario, Canada. <i>Chemosphere</i> , 2018, 202, 506-513.	4.2	98
38	Pesticides related to land use in watersheds of the Great Lakes basin. <i>Science of the Total Environment</i> , 2019, 648, 681-692.	3.9	98
39	Gonadal development and endocrine responses in Japanese medaka (<i>Oryzias latipes</i>) exposed to DDT in water or through maternal transfer. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1893-1900.	2.2	96
40	Pharmaceuticals and Endocrine Disruptors in Wastewater Treatment Effluents and in the Water Supply System of Calgary, Alberta, Canada. <i>Water Quality Research Journal of Canada</i> , 2006, 41, 351-364.	1.2	95
41	Controlled field evaluation of water flow rate effects on sampling polar organic compounds using polar organic chemical integrative samplers. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2461-2469.	2.2	92
42	Analysis of drugs of abuse in wastewater from two Canadian cities. <i>Science of the Total Environment</i> , 2014, 487, 722-730.	3.9	88
43	Assessment of biomarkers for contaminants of emerging concern on aquatic organisms downstream of a municipal wastewater discharge. <i>Science of the Total Environment</i> , 2015, 530-531, 140-153.	3.9	83
44	Distribution of alkylphenol compounds in great lakes sediments, United States and Canada. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 1230-1235.	2.2	82
45	Effects of silver nanoparticles on bacterial activity in natural waters. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 122-130.	2.2	81
46	Determination of pharmaceuticals in aqueous samples using positive and negative voltage switching microbore liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2003, 38, 27-34.	0.7	78
47	SEASONALITY EFFECTS ON PHARMACEUTICALS AND S-TRIAZINE HERBICIDES IN WASTEWATER EFFLUENT AND SURFACE WATER FROM THE CANADIAN SIDE OF THE UPPER DETROIT RIVER. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2356.	2.2	77
48	Linkages Between Chemical Contaminants and Tumors in Benthic Great Lakes Fish. <i>Journal of Great Lakes Research</i> , 1996, 22, 131-152.	0.8	74
49	Emerging methods and tools for environmental risk assessment, decision-making, and policy for nanomaterials: summary of NATO Advanced Research Workshop. <i>Journal of Nanoparticle Research</i> , 2009, 11, 513-527.	0.8	74
50	Detection of selected tire wear compounds in urban receiving waters. <i>Environmental Pollution</i> , 2021, 287, 117659.	3.7	74
51	Environmental risk assessment for the serotonin reuptake inhibitor fluoxetine: Case study using the European risk assessment framework. <i>Integrated Environmental Assessment and Management</i> , 2010, 6, 524-539.	1.6	73
52	Electrospray ionization mass spectrometry of ginsenosides. <i>Journal of Mass Spectrometry</i> , 2002, 37, 495-506.	0.7	66
53	Characterizing and Compensating for Matrix Effects Using Atmospheric Pressure Chemical Ionization Liquid Chromatography-Tandem Mass Spectrometry: Analysis of Neutral Pharmaceuticals in Municipal Wastewater. <i>Analytical Chemistry</i> , 2008, 80, 2010-2017.	3.2	66
54	Removal of selected pharmaceuticals, personal care products and artificial sweetener in an aerated sewage lagoon. <i>Science of the Total Environment</i> , 2014, 487, 801-812.	3.9	65

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55	Monitoring for contaminants of emerging concern in drinking water using POCIS passive samplers. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 473.	1.7	63
56	The toxicity of titanium dioxide nanopowder to early life stages of the Japanese medaka (<i>Oryzias latipes</i>) exposed to octylphenol. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1075-1082.	4.2	62
57	FACTORS AFFECTING THE DEVELOPMENT OF TESTIS-OVA IN MEDAKA, <i>ORYZIAS LATIPES</i> , EXPOSED TO OCTYLPHENOL. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1835.	2.2	62
58	Linking drugs of abuse in wastewater to contamination of surface and drinking water. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 843-849.	2.2	58
59	Environmental Fate of Silver Nanoparticles in Boreal Lake Ecosystems. <i>Environmental Science & Technology</i> , 2015, 49, 8441-8450.	4.6	55
60	GONADAL DEVELOPMENT AND ENDOCRINE RESPONSES IN JAPANESE MEDAKA (<i>ORYZIAS LATIPES</i>) EXPOSED TO α -DDT IN WATER OR THROUGH MATERNAL TRANSFER. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1893.	2.2	54
61	Cross-species comparison of fluoxetine metabolism with fish liver microsomes. <i>Chemosphere</i> , 2010, 79, 26-32.	4.2	52
62	Biomarkers of exposure of brown bullheads (<i>Ameiurus nebulosus</i>) to contaminants in the lower Great Lakes, North America. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 740-749.	2.2	51
63	Developmental effects in Japanese medaka (<i>Oryzias latipes</i>) exposed to nonylphenol ethoxylates and their degradation products. <i>Chemosphere</i> , 2006, 62, 1214-1223.	4.2	51
64	DISTRIBUTION OF DEGRADATION PRODUCTS OF ALKYLPHENOL ETHOXYLATES NEAR SEWAGE TREATMENT PLANTS IN THE LOWER GREAT LAKES, NORTH AMERICA. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 784.	2.2	51
65	The persistence and transformation of silver nanoparticles in littoral lake mesocosms monitored using various analytical techniques. <i>Environmental Chemistry</i> , 2014, 11, 419.	0.7	49
66	Intra- and inter-species differences in persistent organic contaminants in the blubber of blue whales and humpback whales from the Gulf of St. Lawrence, Canada. <i>Marine Environmental Research</i> , 2004, 57, 245-260.	1.1	47
67	Fluorescent aromatic hydrocarbons in bile as a biomarker of exposure of brown bullheads (<i>Ameiurus nebulosus</i>) to contaminated sediments. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 750-755.	2.2	41
68	The impact of municipal wastewater effluent on field-deployed freshwater mussels in the Grand River (Ontario, Canada). <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 134-143.	2.2	41
69	Release of persistent organic contaminants from carcasses of Lake Ontario Chinook salmon (<i>Oncorhynchus tshawytscha</i>). <i>Environmental Pollution</i> , 2006, 140, 102-113.	3.7	37
70	Poor elemental food quality reduces the toxicity of fluoxetine on <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2008, 86, 99-103.	1.9	37
71	Estrogen-like Effects in Male Goldfish Co-exposed to Fluoxetine and 17 Alpha-Ethinylestradiol. <i>Environmental Science & Technology</i> , 2013, 47, 5372-5382.	4.6	37
72	Fate and mass balance of contaminants of emerging concern during wastewater treatment determined using the fractionated approach. <i>Science of the Total Environment</i> , 2016, 573, 1147-1158.	3.9	37

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73	Residues of Persistent Organochlorine Contaminants in Southern Elephant Seals (<i>Mirounga leonina</i>) from Elephant Island, Antarctica. <i>Environmental Science & Technology</i> , 2007, 41, 3829-3835.	4.6	36
74	A multi-assay screening approach for assessment of endocrine-active contaminants in wastewater effluent samples. <i>Science of the Total Environment</i> , 2013, 454-455, 132-140.	3.9	36
75	Improved single particle ICP-MS characterization of silver nanoparticles at environmentally relevant concentrations. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 2069-2077.	1.6	35
76	Estimating removals of contaminants of emerging concern from wastewater treatment plants: The critical role of wastewater hydrodynamics. <i>Chemosphere</i> , 2017, 178, 439-448.	4.2	35
77	DETECTING THE TRANSPORT OF TOXIC PESTICIDES FROM GOLF COURSES INTO WATERSHEDS IN THE PRECAMBRIAN SHIELD REGION OF ONTARIO, CANADA. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 811.	2.2	34
78	Pre-Equilibrium Solid-Phase Microextraction of Free Analyte in Complex Samples: Correction for Mass Transfer Variation from Protein Binding and Matrix Tortuosity. <i>Analytical Chemistry</i> , 2011, 83, 3365-3370.	3.2	34
79	Assessing the effects of the antidepressant venlafaxine to fathead minnows exposed to environmentally relevant concentrations over a full life cycle. <i>Environmental Pollution</i> , 2017, 229, 403-411.	3.7	34
80	Chemical accumulation and toxicological stress in three brown bullhead (<i>Ameiurus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (ne Chemistry, 1998, 17, 1756-1766.	2.2	33
81	Influence of nearshore dynamics on the distribution of organic wastewater-associated chemicals in Lake Ontario determined using passive samplers. <i>Journal of Great Lakes Research</i> , 2012, 38, 105-115.	0.8	33
82	Current-use pesticides in urban watersheds and receiving waters of western Lake Ontario measured using polar organic chemical integrative samplers (POCIS). <i>Journal of Great Lakes Research</i> , 2016, 42, 1432-1442.	0.8	33
83	A tandem mass spectrometric study of the N-oxides, quinoline N-oxide, carbadox, and olaquinox, carried out at high mass accuracy using electrospray ionization. <i>International Journal of Mass Spectrometry</i> , 2003, 230, 123-133.	0.7	32
84	Fragmentation study of salinomycin and monensin A antibiotics using electrospray quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 149-154.	0.7	31
85	Monitoring the Fate and Transformation of Silver Nanoparticles in Natural Waters. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 449-455.	1.3	31
86	Simulation of Pharmaceutical and Personal Care Product Transport to Tile Drains after Biosolids Application. <i>Journal of Environmental Quality</i> , 2009, 38, 1274-1285.	1.0	29
87	Pesticides in Surface Waters in Argentina Monitored Using Polar Organic Chemical Integrative Samplers. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 21-26.	1.3	29
88	Biomarkers of exposure to nanosilver and silver accumulation in yellow perch (<i>Perca</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (fl 2.2	2.2	28
89	Pharmaceuticals in the Yamaska River, Quebec, Canada. <i>Water Quality Research Journal of Canada</i> , 2007, 42, 231-239.	1.2	27
90	Aromatic Hydrocarbons in Biota from the Detroit River and Western Lake Erie. <i>Journal of Great Lakes Research</i> , 1997, 23, 160-168.	0.8	26

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91	Distribution of Toxic Organic Contaminants in Water and Sediments in the Detroit River. Journal of Great Lakes Research, 2000, 26, 55-64.	0.8	26
92	Lactational transfer of PCBs and chlorinated pesticides in pups of southern elephant seals (<i>Mirounga</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.2	25
93	Kinetically-Calibrated Solid-Phase Microextraction Using Label-Free Standards and Its Application for Pharmaceutical Analysis. Analytical Chemistry, 2011, 83, 2371-2377.	3.2	25
94	A TELEOST IN VITRO REPORTER GENE ASSAY TO SCREEN FOR AGONISTS OF THE PEROXISOME PROLIFERATOR-ACTIVATED RECEPTORS. Environmental Toxicology and Chemistry, 2005, 24, 2260.	2.2	24
95	Synthetic Musk in Fish from Urbanized Areas of the Lower Great Lakes, Canada. Journal of Great Lakes Research, 2006, 32, 361-369.	0.8	24
96	Accumulation of Silver in Yellow Perch (<i>Perca flavescens</i>) and Northern Pike (<i>Esox</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T 11114-11122.	4.6	24
97	Distribution of degradation products of alkylphenol ethoxylates near sewage treatment plants in the lower Great Lakes, North America. Environmental Toxicology and Chemistry, 2000, 19, 784-792.	2.2	22
98	Nest-defense behaviors in fathead minnows after lifecycle exposure to the antidepressant venlafaxine. Environmental Pollution, 2018, 234, 223-230.	3.7	20
99	Silver near municipal wastewater discharges into western Lake Ontario, Canada. Environmental Monitoring and Assessment, 2018, 190, 555.	1.3	20
100	Sub-lethal effects of a neonicotinoid, clothianidin, on wild early life stage sockeye salmon (<i>Oncorhynchus nerka</i>). Aquatic Toxicology, 2019, 217, 105335.	1.9	20
101	Fate and Transport of Polycyclic Aromatic Hydrocarbons in Upland Irish Headwater Lake Catchments. Scientific World Journal, The, 2012, 2012, 1-11.	0.8	19
102	Single particle ICP-MS as a tool for determining the stability of silver nanoparticles in aquatic matrixes under various environmental conditions, including treatment by ozonation. Analytical and Bioanalytical Chemistry, 2016, 408, 5169-5177.	1.9	19
103	Concentrations and source identification of PAHs, alkyl-PAHs and other organic contaminants in sediments from a contaminated harbor in the Laurentian Great Lakes. Environmental Pollution, 2021, 270, 116058.	3.7	18
104	Phthalate Esters in Sediments Near a Sewage Treatment Plant Outflow in Hamilton Harbour, Ontario: SFE Extraction and Environmental Distribution. Journal of Great Lakes Research, 2001, 27, 3-9.	0.8	17
105	Depth-Profiling of Environmental Pharmaceuticals in Biological Tissue by Solid-Phase Microextraction. Analytical Chemistry, 2012, 84, 6956-6962.	3.2	17
106	Biological responses to contaminants in darters (<i>Etheostoma</i> spp.) collected from rural and urban regions of the Grand River, ON, Canada. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 199, 126-135.	0.7	15
107	A Method for Preparing Silver Nanoparticle Suspensions in Bulk for Ecotoxicity Testing and Ecological Risk Assessment. Bulletin of Environmental Contamination and Toxicology, 2017, 98, 589-594.	1.3	15
108	Contaminants of emerging concern in surface waters in Barbados, West Indies. Environmental Monitoring and Assessment, 2017, 189, 636.	1.3	15

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109	Early life-stage mortalities of Japanese medaka (<i>Oryzias latipes</i>) exposed to polychlorinated diphenyl ethers. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 1749-1754.	2.2	14
110	Micropollutants related to human activity in groundwater resources in Barbados, West Indies. <i>Science of the Total Environment</i> , 2019, 671, 76-82.	3.9	13
111	Contaminants of Emerging Concern in Wastewaters in Barbados, West Indies. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 1-6.	1.3	12
112	Pharmaceutical contaminants of emerging concern in the environment. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1683-1684.	2.2	10
113	Effect of imidacloprid on the survival of <i>Xenopus</i> tadpoles challenged with wild type frog virus 3. <i>Aquatic Toxicology</i> , 2018, 194, 152-158.	1.9	10
114	Carbon Nanotube Integrative Sampler (CNIS) for passive sampling of nanosilver in the aquatic environment. <i>Science of the Total Environment</i> , 2016, 569-570, 223-233.	3.9	9
115	Multi-Level Responses of Yellow Perch (<i>Perca flavescens</i>) to a Whole-Lake Nanosilver Addition Study. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 79, 283-297.	2.1	9
116	Changes to levels of microcontaminants and biological responses in rainbow trout exposed to extracts from wastewater treated by catalytic ozonation. <i>Journal of Hazardous Materials</i> , 2021, 404, 124110.	6.5	9
117	Evaluation of wastewater treatment by ozonation for reducing the toxicity of contaminants of emerging concern to rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 274-284.	2.2	8
118	Assessing the effects of environmentally relevant concentrations of antidepressant mixtures to fathead minnows exposed over a full life cycle. <i>Science of the Total Environment</i> , 2019, 648, 1227-1236.	3.9	8
119	Toxicity of extracts from municipal wastewater to early life stages of Japanese medaka (<i>Oryzias</i>). <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 136-144.	2.2	7
120	Transport of PPCPs and Veterinary Medicines from Agricultural Fields following Application of Biosolids or Manure. <i>ACS Symposium Series</i> , 2010, , 227-240.	0.5	6
121	Biological Responses in Brook Trout (<i>Salvelinus fontinalis</i>) Caged Downstream from Municipal Wastewater Treatment Plants in the Credit River, ON, Canada. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 100, 106-111.	1.3	6
122	Hepatic Micronuclei in Brown Bullheads (<i>Ameiurus nebulosus</i>) as a Biomarker for Exposure to Genotoxic Chemicals. <i>Journal of Great Lakes Research</i> , 2000, 26, 408-415.	0.8	4
123	Effects of opioids on reproduction in Japanese medaka, <i>Oryzias latipes</i> . <i>Aquatic Toxicology</i> , 2021, 236, 105873.	1.9	4
124	Calibration and field validation of POCIS passive samplers for tracking artificial sweeteners as indicators of municipal wastewater contamination in surface waters. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	1.3	4
125	Clothianidin interferes with recognition of a previous encounter in rusty crayfish (<i>Faxonius</i>). <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 124110.	4.2	3
126	Whole-lake nanosilver additions reduce northern pike (<i>Esox lucius</i>) growth. <i>Science of the Total Environment</i> , 2022, 838, 156219.	3.9	3

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127	Chapter 2.3 Analysis of neutral and acidic pharmaceuticals by liquid chromatography mass spectrometry. <i>Comprehensive Analytical Chemistry</i> , 2007, 50, 133-156.	0.7	2
128	Ecotoxicological risks from dissolved organic contaminants in a contaminated bay: Combining passive sampling with in vivo bioassays. <i>Journal of Great Lakes Research</i> , 2021, 47, 1365-1375.	0.8	2
129	Vitellogenin Induction in Mucus from Brook Trout (<i>Salvelinus fontinalis</i>). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, , 1.	1.3	2
130	Sources of microbial contamination in the watershed and coastal zone of Soufriere, St. Lucia. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 225.	1.3	1
131	Methods for Determining Emerging Contaminants in Wetland Matrices. <i>Soil Science Society of America Book Series</i> , 2015, , 841-855.	0.3	0