Bryan W Brooks

List of Publications by Citations

234 papers	10,455 citations	52 h-index	94 g-index
395 ext. papers	12,014 ext. citations	6.4 avg, IF	6.51 L-index

#	Paper	IF	Citations
234	Pharmaceuticals and personal care products in the environment: what are the big questions?. *Environmental Health Perspectives*, **2012**, 120, 1221-9	8.4	830
233	Determination of select antidepressants in fish from an effluent-dominated stream. *Environmental Toxicology and Chemistry*, **2005**, 24, 464-9	3.8	451
232	Occurrence of pharmaceuticals and personal care products in fish: results of a national pilot study in the United States. *Environmental Toxicology and Chemistry*, **2009**, 28, 2587-97	3.8	361
231	Aquatic ecotoxicology of fluoxetine. *Toxicology Letters*, **2003**, 142, 169-83	4.4	342
230	Global Assessment of Bisphenol A in the Environment: Review and Analysis of Its Occurrence and Bioaccumulation. *Dose-Response*, **2015**, 13, 1559325815598308	2.3	333
229	Repeating history: pharmaceuticals in the environment. *Environmental Science & Technology*, **2007**, 41, 8211-7	10.3	290
228	Toxicity of select beta adrenergic receptor-blocking pharmaceuticals (B-blockers) on aquatic organisms. *Archives of Environmental Contamination and Toxicology*, **2002**, 43, 229-35	3.2	286
227	Water Quality of Effluent-dominated Ecosystems: Ecotoxicological, Hydrological, and Management Considerations. *Hydrobiologia*, **2006**, 556, 365-379	2.4	240
226	Are harmful algal blooms becoming the greatest inland water quality threat to public health and aquatic ecosystems?. *Environmental Toxicology and Chemistry*, **2016**, 35, 6-13	3.8	239
225	Analysis of pharmaceuticals in fish using liquid chromatography-tandem mass spectrometry. *Analytical Chemistry*, **2007**, 79, 3155-63	7.8	222
224	Enantiospecific sublethal effects of the antidepressant fluoxetine to a model aquatic vertebrate and invertebrate. *Chemosphere*, **2007**, 69, 9-16	8.4	189
223	Waterborne and sediment toxicity of fluoxetine to select organisms. *Chemosphere*, **2003**, 52, 135-42	8.4	180
222	Comparison of contaminants of emerging concern removal, discharge, and water quality hazards among centralized and on-site wastewater treatment system effluents receiving common wastewater influent. *Science of the Total Environment*, **2014**, 466-467, 976-84	10.2	162
221	Human therapeutic plasma levels of the selective serotonin reuptake inhibitor (SSRI) sertraline decrease serotonin reuptake transporter binding and shelter-seeking behavior in adult male fathead minnows. *Environmental Science & Technology*, **2012**, 46, 2427-35	10.3	143
220	Fate of sucralose through environmental and water treatment processes and impact on plant indicator species. *Environmental Science & Technology*, **2011**, 45, 1363-9	10.3	133
219	Reproductive assessment of Japanese medaka (Oryzias latipes) following a four-week fluoxetine (SSRI) exposure. *Archives of Environmental Contamination and Toxicology*, **2004**, 46, 511-7	3.2	124
218	Fish on Prozac (and Zoloft): ten years later. *Aquatic Toxicology*, **2014**, 151, 61-7	5.1	119

217	Probabilistic ecological hazard assessment of parabens using Daphnia magna and Pimephales promelas. *Environmental Toxicology and Chemistry*, **2009**, 28, 2744-53	3.8	116
216	Direct and indirect effects of chemical contaminants on the behaviour, ecology and evolution of wildlife. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	115
215	Gas chromatography-mass spectrometry screening methods for select UV filters, synthetic musks, alkylphenols, an antimicrobial agent, and an insect repellent in fish. *Journal of Chromatography A*, **2009**, 1216, 815-23	4.5	113
214	Aquatic toxicity of sertraline to Pimephales promelas at environmentally relevant surface water pH. *Environmental Toxicology and Chemistry*, **2009**, 28, 2685-94	3.8	113
213	Enantiospecific toxicity of the beta-blocker propranolol to Daphnia magna and Pimephales promelas. *Environmental Toxicology and Chemistry*, **2006**, 25, 1780-6	3.8	113
212	Occurrence of pharmaceuticals and personal care products in German fish tissue: a national study. *Environmental Science & Technology*, **2012**, 46, 9047-54	10.3	100
211	Leveraging mammalian pharmaceutical toxicology and pharmacology data to predict chronic fish responses to pharmaceuticals. *Toxicology Letters*, **2010**, 193, 69-78	4.4	99
210	Effects of the antihistamine diphenhydramine on selected aquatic organisms. *Environmental Toxicology and Chemistry*, **2011**, 30, 2065-72	3.8	96
209	Bioaccumulation and trophic dilution of human pharmaceuticals across trophic positions of an effluent-dependent wadeable stream. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2014**, 369,	5.8	95
208	Physiological and reproductive effects of beta adrenergic receptor antagonists in Daphnia magna. *Archives of Environmental Contamination and Toxicology*, **2006**, 50, 503-10	3.2	95
207	Human pharmaceuticals in the aquatic environment: a review of recent toxicological studies and considerations for toxicity testing. *Reviews of Environmental Contamination and Toxicology*, **2012**, 218, 1-99	3.5	92
206	An exploratory investigation of various modes of action and potential adverse outcomes of fluoxetine in marine mussels. *Aquatic Toxicology*, **2014**, 151, 14-26	5.1	91
205	Aquatic plants exposed to pharmaceuticals: effects and risks. *Reviews of Environmental Contamination and Toxicology*, **2008**, 192, 67-115	3.5	89
204	PBDE developmental effects on embryonic zebrafish. *Environmental Toxicology and Chemistry*, **2011** , 30, 1865-72	3.8	88
203	GROWTH AND TOXICITY OF PRYMNESIUM PARVUM (HAPTOPHYTA) AS A FUNCTION OF SALINITY, LIGHT, AND TEMPERATURE1. *Journal of Phycology*, **2007**, 43, 219-227	3	85
202	Comparative pharmaceutical metabolism by rainbow trout (Oncorhynchus mykiss) liver S9 fractions. *Environmental Toxicology and Chemistry*, **2013**, 32, 1810-8	3.8	82
201	Evaluation of an isotope dilution liquid chromatography tandem mass spectrometry method for pharmaceuticals in fish. *Journal of Chromatography A*, **2012**, 1253, 177-83	4.5	80
200	Global review and analysis of erythromycin in the environment: Occurrence, bioaccumulation and antibiotic resistance hazards. *Environmental Pollution*, **2018**, 238, 440-451	9.3	77

199	Herbicidal effects of sulfamethoxazole in Lemna gibba: using p-aminobenzoic acid as a biomarker of effect. *Environmental Science & Technology*, **2008**, 42, 8965-70	10.3	77
198	International scientists' priorities for research on pharmaceutical and personal care products in the environment. *Integrated Environmental Assessment and Management*, **2014**, 10, 576-87	2.5	76
197	A decade of fish-killing Prymnesium parvum blooms in Texas: roles of inflow and salinity. *Journal of Plankton Research*, **2011**, 33, 243-253	2.2	76
196	Observed and modeled effects of pH on bioconcentration of diphenhydramine, a weakly basic pharmaceutical, in fathead minnows. *Environmental Toxicology and Chemistry*, **2015**, 34, 1425-35	3.8	73
195	Pharmaceutical bioaccumulation by periphyton and snails in an effluent-dependent stream during an extreme drought. *Chemosphere*, **2015**, 119, 927-934	8.4	69
194	Comparison of in vitro and in vivo bioassays for estrogenicity in effluent from North American municipal wastewater facilities. *Toxicological Sciences*, **2003**, 72, 77-83	4.4	69
193	Toward sustainable environmental quality: Priority research questions for Europe. *Environmental Toxicology and Chemistry*, **2018**, 37, 2281-2295	3.8	68
192	Global scanning of antihistamines in the environment: Analysis of occurrence and hazards in aquatic systems. *Science of the Total Environment*, **2017**, 592, 477-487	10.2	64
191	Daphnia magna responses to a vertebrate estrogen receptor agonist and an antagonist: a multigenerational study. *Ecotoxicology and Environmental Safety*, **2007**, 67, 385-98	7	62
190	Global scanning of selective serotonin reuptake inhibitors: occurrence, wastewater treatment and hazards in aquatic systems. *Environmental Pollution*, **2019**, 250, 1019-1031	9.3	61
189	An integrated approach for prioritizing pharmaceuticals found in the environment for risk assessment, monitoring and advanced research. *Chemosphere*, **2014**, 115, 4-12	8.4	59
188	Pharmaceuticals, illicit drugs and their metabolites in fish from Argentina: Implications for protected areas influenced by urbanization. *Science of the Total Environment*, **2019**, 649, 1029-1037	10.2	59
187	Growth at the edge of the niche: An experimental study of the harmful alga Prymnesium parvum. *Limnology and Oceanography*, **2009**, 54, 1679-1687	4.8	56
186	Pharmaceuticals in water, fish and osprey nestlings in Delaware River and Bay. *Environmental Pollution*, **2018**, 232, 533-545	9.3	54
185	Towards rational molecular design: derivation of property guidelines for reduced acute aquatic toxicity. *Green Chemistry*, **2011**, 13, 2373	10	53
184	Toward sustainable environmental quality: Identifying priority research questions for Latin America. *Integrated Environmental Assessment and Management*, **2018**, 14, 344-357	2.5	52
183	A chronicle of a killer alga in the west: ecology, assessment, and management of Prymnesium parvum blooms. *Hydrobiologia*, **2016**, 764, 29-50	2.4	51
182	Bioaccumulation of human pharmaceuticals in fish across habitats of a tidally influenced urban bayou. *Environmental Toxicology and Chemistry*, **2016**, 35, 966-74	3.8	51

181	Chronic fluoxetine exposure alters movement and burrowing in adult freshwater mussels. *Aquatic Toxicology*, **2014**, 151, 27-35	5.1	50
180	A mechanistic explanation for pH-dependent ambient aquatic toxicity of Prymnesium parvum carter. *Toxicon*, **2010**, 55, 990-8	2.8	44
179	Hydraulic flushing as a Prymnesium parvum bloom-terminating mechanism in a subtropical lake. *Harmful Algae*, **2010**, 9, 323-332	5.3	44
178	Similar anxiolytic effects of agonists targeting serotonin 5-HT1A or cannabinoid CB receptors on zebrafish behavior in novel environments. *Aquatic Toxicology*, **2014**, 151, 105-13	5.1	43
177	Spatial variation of harmful algae and their toxins in flowing-water habitats: a theoretical exploration. *Journal of Plankton Research*, **2011**, 33, 211-227	2.2	43
176	Age matters: Developmental stage of Danio rerio larvae influences photomotor response thresholds to diazinion or diphenhydramine. *Aquatic Toxicology*, **2016**, 170, 344-354	5.1	42
175	Towards rational molecular design for reduced chronic aquatic toxicity. *Green Chemistry*, **2012**, 14, 1001	10	42
174	Exposure and food web transfer of pharmaceuticals in ospreys (Pandion haliaetus): Predictive model and empirical data. *Integrated Environmental Assessment and Management*, **2015**, 11, 118-29	2.5	40
173	Prymnesium parvum: an emerging threat to inland waters. *Environmental Toxicology and Chemistry*, **2011**, 30, 1955-64	3.8	40
172	Comparative Toxicity of Prymnesium parvum in Inland Waters1. *Journal of the American Water Resources Association*, **2010**, 46, 45-62	2.1	39
171	A multibiomarker approach to explore interactive effects of propranolol and fluoxetine in marine mussels. *Environmental Pollution*, **2015**, 205, 60-9	9.3	38
170	[(3)H] citalopram binding to serotonin transporter sites in minnow brains. *Basic and Clinical Pharmacology and Toxicology*, **2007**, 101, 203-10	3.1	37
169	Determination of microcystins, nodularin, anatoxin-a, cylindrospermopsin, and saxitoxin in water and fish tissue using isotope dilution liquid chromatography tandem mass spectrometry. *Journal of Chromatography A*, **2019**, 1599, 66-74	4.5	36
168	Comparative behavioral toxicology with two common larval fish models: Exploring relationships among modes of action and locomotor responses. *Science of the Total Environment*, **2018**, 640-641, 1587-1600	10.2	36
167	Predicted and observed therapeutic dose exceedances of ionizable pharmaceuticals in fish plasma from urban coastal systems. *Environmental Toxicology and Chemistry*, **2016**, 35, 983-95	3.8	35
166	The role of toxicological science in meeting the challenges and opportunities of hydraulic fracturing. *Toxicological Sciences*, **2014**, 139, 271-83	4.4	35
165	Perspectives on ecological risk assessment of chiral compounds. *Integrated Environmental Assessment and Management*, **2009**, 5, 364-73	2.5	35
164	Effect of imbalanced nutrients and immigration on Prymnesium parvum community dominance and toxicity: results from in-lake microcosm experiments. *Aquatic Microbial Ecology*, **2008**, 52, 33-44	1.1	35

163	Antidepressants in Surface Waters: Fluoxetine Influences Mosquitofish Anxiety-Related Behavior at Environmentally Relevant Levels. *Environmental Science & Technology*, **2019**, 53, 6035-6043	10.3	34
162	Select antibiotics in leachate from closed and active landfills exceed thresholds for antibiotic resistance development. *Environment International*, **2018**, 115, 89-96	12.9	34
161	Comparative analysis of effluent water quality from a municipal treatment plant and two on-site wastewater treatment systems. *Chemosphere*, **2013**, 92, 38-44	8.4	34
160	Global scanning assessment of calcium channel blockers in the environment: Review and analysis of occurrence, ecotoxicology and hazards in aquatic systems. *Chemosphere*, **2017**, 189, 466-478	8.4	34
159	Current Status and Future Challenges in Molecular Design for Reduced Hazard. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 5900-5906	8.3	32
158	River□reservoir transition zones are nitrogen fixation hot spots regardless of ecosystem trophic state. *Hydrobiologia*, **2009**, 625, 61-68	2.4	32
157	Laboratory tests of ammonium and barley straw extract as agents to suppress abundance of the harmful alga Prymnesium parvum and its toxicity to fish. *Water Research*, **2007**, 41, 2503-12	12.5	32
156	Comparison of the sensitivities of common in vitro and in vivo assays of estrogenic activity: application of chemical toxicity distributions. *Environmental Toxicology and Chemistry*, **2008**, 27, 2608-16	3.8	31
155	Harmful Algal Blooms **2015**, 873-920		30
154	Influence of drought and total phosphorus on diel pH in wadeable streams: implications for ecological risk assessment of ionizable contaminants. *Integrated Environmental Assessment and Management*, **2011**, 7, 636-47	2.5	30
153	Toward Sustainable Environmental Quality: Priority Research Questions for North America. *Environmental Toxicology and Chemistry*, **2019**, 38, 1606-1624	3.8	29
152	Application of chemical toxicity distributions to ecotoxicology data requirements under REACH. *Environmental Toxicology and Chemistry*, **2011**, 30, 1943-54	3.8	29
151	Prymnesium parvum Population Dynamics During Bloom Development: A Role Assessment of Grazers and Virus1. *Journal of the American Water Resources Association*, **2010**, 46, 63-75	2.1	28
150	The Role of Behavioral Ecotoxicology in Environmental Protection. *Environmental Science & Technology*, **2021**, 55, 5620-5628	10.3	28
149	Differential uptake of and sensitivity to diphenhydramine in embryonic and larval zebrafish. *Environmental Toxicology and Chemistry*, **2018**, 37, 1175-1181	3.8	27
148	Global Aquatic Hazard Assessment of Ciprofloxacin: Exceedances of Antibiotic Resistance Development and Ecotoxicological Thresholds. *Progress in Molecular Biology and Translational Science*, **2018**, 159, 59-77	4	27
147	Factors Influencing Prymnesium parvum Population Dynamics During Bloom Initiation: Results from In-lake Mesocosm Experiments1. *Journal of the American Water Resources Association*, **2010**, 46, 76-91	2.1	27
146	Current Status of Mathematical Models for Population Dynamics of Prymnesium□parvum in a Texas Reservoir1. *Journal of the American Water Resources Association*, **2010**, 46, 92-107	2.1	27

145	Spatio-temporal bioaccumulation and trophic transfer of ionizable pharmaceuticals in a semi-arid urban river influenced by snowmelt. *Journal of Hazardous Materials*, **2018**, 359, 231-240	12.8	26
144	Anticipated human population and climate change effects on algal blooms of a toxic haptophyte in the south-central USA1This article is derived from a special session entitled "New Hydrology: Inflow Effects on Ecosystem Form and Functioning" that took place at the February 2011 ASLO Aquatic Sciences conference in San Juan, Puerto Rico. *Canadian Journal of Fisheries and Aquatic*	2.4	26
143	Influence of nitrogen and phosphorus concentrations and ratios on Lemna gibba growth responses to triclosan in laboratory and stream mesocosm experiments. *Environmental Toxicology and Chemistry*, **2009**, 28, 2610-21	3.8	26
142	Sunlight amelioration of Prymnesium parvum acute toxicity to fish. *Journal of Plankton Research*, **2011**, 33, 265-272	2.2	26
141	Urbanization, environment and pharmaceuticals: advancing comparative physiology, pharmacology and toxicology **2018**, 6, cox079		25
140	Laboratory and field responses to cadmium: an experimental study in effluent-dominated stream mesocosms. *Environmental Toxicology and Chemistry*, **2004**, 23, 1057-64	3.8	25
139	Emerging investigator series: use of behavioural endpoints in the regulation of chemicals. *Environmental Sciences: Processes and Impacts*, **2020**, 22, 49-65	4.3	25
138	Physical Factors Control Phytoplankton Production and Nitrogen Fixation in Eight Texas Reservoirs. *Ecosystems*, **2008**, 11, 1181-1197	3.9	24
137	Comparative mammalian hazards of neonicotinoid insecticides among exposure durations. *Environment International*, **2019**, 125, 9-24	12.9	23
136	At the Intersection of Urbanization, Water, and Food Security: Determination of Select Contaminants of Emerging Concern in Mussels and Oysters from Hong Kong. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 5009-5017	5.7	23
135	The safer chemical design game. Gamification of green chemistry and safer chemical design concepts for high school and undergraduate students. *Green Chemistry Letters and Reviews*, **2018**, 11, 103-110	4.7	23
134	Biological Stoichiometry Regulates Toxin Production in (UTEX 2385). *Toxins*, **2019**, 11,	4.9	23
133	Low pH preempts bloom development of a toxic haptophyte. *Harmful Algae*, **2012**, 20, 156-164	5.3	23
132	An initial probabilistic hazard assessment of oil dispersants approved by the United States National Contingency Plan. *Environmental Toxicology and Chemistry*, **2011**, 30, 1704-8	3.8	23
131	Hemolysis, Fish Mortality, and LC-ESI-MS of Cultured Crude and Fractionated Golden Alga (Prymnesium parvum)1. *Journal of the American Water Resources Association*, **2010**, 46, 33-44	2.1	23
130	Response of Ceriodaphnia dubia to ionic silver: discrepancies among model predictions, measured concentrations and mortality. *Chemosphere*, **2002**, 46, 1141-6	8.4	23
129	Identifying household pharmaceutical waste characteristics and population behaviors in one of the most densely populated global cities. *Resources, Conservation and Recycling*, **2019**, 140, 267-277	11.9	23
128	Probabilistic ecological hazard assessment of microcystin-LR allelopathy to Prymnesium parvum. *Journal of Plankton Research*, **2011**, 33, 319-332	2.2	22

127	Assessment of toxicity reduction in wastewater effluent flowing through a treatment wetland using Pimephales promelas, Ceriodaphnia dubia, and Vibrio fischeri. *Archives of Environmental Contamination and Toxicology*, **2002**, 42, 9-16	3.2	22
126	Effects of pulsed atrazine exposures on autotrophic community structure, biomass, and production in field-based stream mesocosms. *Environmental Toxicology and Chemistry*, **2016**, 35, 660-75	3.8	22
125	Toward Sustainable Environmental Quality: Priority Research Questions for Asia. *Environmental Toxicology and Chemistry*, **2020**, 39, 1485-1505	3.8	21
124	Acute exposure to an environmentally relevant concentration of diclofenac elicits oxidative stress in the culturally important galaxiid fish Galaxias maculatus. *Environmental Toxicology and Chemistry*, **2018**, 37, 224-235	3.8	21
123	Toward the Design of Less Hazardous Chemicals: Exploring Comparative Oxidative Stress in Two Common Animal Models. *Chemical Research in Toxicology*, **2017**, 30, 893-904	4	21
122	Modeling of plankton community dynamics characterized by algal toxicity and allelopathy: A focus on historical Prymnesium parvum blooms in a Texas reservoir. *Ecological Modelling*, **2012**, 227, 147-161	3	21
121	Environmental microcystin targets the microbiome and increases the risk of intestinal inflammatory pathology via NOX2 in underlying murine model of Nonalcoholic Fatty Liver Disease. *Scientific Reports*, **2019**, 9, 8742	4.9	20
120	Corbicula fluminea rapidly accumulate pharmaceuticals from an effluent dependent urban stream. *Chemosphere*, **2019**, 224, 873-883	8.4	20
119	Comparative endpoint sensitivity of in vitro estrogen agonist assays. *Regulatory Toxicology and Pharmacology*, **2015**, 72, 185-93	3.4	20
118	Spatial, temporal and experimental: Three study design cornerstones for establishing defensible numeric criteria in freshwater ecosystems. *Journal of Applied Ecology*, **2018**, 55, 2114-2123	5.8	20
117	Comparative pharmacology and toxicology of pharmaceuticals in the environment: diphenhydramine protection of diazinon toxicity in Danio rerio but not Daphnia magna. *AAPS Journal*, **2015**, 17, 175-83	3.7	20
116	Prymnesium parvum bloom termination: role of hydraulic dilution. *Journal of Plankton Research*, **2011**, 33, 309-317	2.2	20
115	Oxidative stress in the galaxiid fish, Galaxias maculatus, exposed to binary waterborne mixtures of the pro-oxidant cadmium and the anti-oxidant diclofenac. *Environmental Pollution*, **2019**, 247, 638-646	9.3	19
114	Influence of salinity and pH on bioconcentration of ionizable pharmaceuticals by the gulf killifish, Fundulus grandis. *Chemosphere*, **2019**, 229, 434-442	8.4	19
113	Psychoactive pharmaceuticals in aquatic systems: A comparative assessment of environmental monitoring approaches for water and fish. *Environmental Pollution*, **2020**, 261, 114150	9.3	19
112	Predicting mixture toxicity and antibiotic resistance of fluoroquinolones and their photodegradation products in Escherichia coli. *Environmental Pollution*, **2020**, 262, 114275	9.3	19
111	Interplay between ambient surface water mixing and manipulated hydraulic flushing: Implications for harmful algal bloom mitigation. *Ecological Engineering*, **2013**, 60, 289-298	3.9	19
110	Alterations of larval photo-dependent swimming responses (PDR): New endpoints for rapid and diagnostic screening of aquatic contamination. *Ecotoxicology and Environmental Safety*, **2018**, 147, 670-680	7	18

109	Reducing aquatic hazards of industrial chemicals: probabilistic assessment of sustainable molecular design guidelines. *Environmental Toxicology and Chemistry*, **2014**, 33, 1894-902	3.8	18
108	Enantiomer-specific in vitro biotransformation of select pharmaceuticals in rainbow trout (Oncorhynchus mykiss). *Chirality*, **2013**, 25, 763-7	2.1	18
107	Effects of sertraline on behavioral indices of crayfish Orconectes virilis. *Ecotoxicology and Environmental Safety*, **2016**, 134P1, 31-37	7	18
106	Revisiting inland hypoxia: diverse exceedances of dissolved oxygen thresholds for freshwater aquatic life. *Environmental Science and Pollution Research*, **2018**, 25, 3139-3150	5.1	17
105	8:8 Perfluoroalkyl phosphinic acid affects neurobehavioral development, thyroid disruption, and DNA methylation in developing zebrafish. *Science of the Total Environment*, **2020**, 736, 139600	10.2	16
104	Development and application of a novel method for high-throughput determination of PCDD/Fs and PCBs in sediments. *Environmental Toxicology and Chemistry*, **2014**, 33, 1529-36	3.8	16
103	A comparison of chronic cadmium effects on Hyalella azteca in effluent-dominated stream mesocosms to similar laboratory exposures in effluent and reconstituted hard water. *Environmental Toxicology and Chemistry*, **2005**, 24, 902-8	3.8	16
102	Critical review and probabilistic health hazard assessment of cleaning product ingredients in all-purpose cleaners, dish care products, and laundry care products. *Environment International*, **2019**, 125, 399-417	12.9	16
101	Greening chemistry and ecotoxicology towards sustainable environmental quality. *Green Chemistry*, **2019**, 21, 2575-2582	10	15
100	Global scanning of cylindrospermopsin: Critical review and analysis of aquatic occurrence, bioaccumulation, toxicity and health hazards. *Science of the Total Environment*, **2020**, 738, 139807	10.2	14
99	Influence of pH on amine toxicology and implications for harmful algal bloom ecology. *Toxicon*, **2010**, 55, 1038-1043	2.8	14
98	Commentary: Perspectives on aquaculture, urbanization and water quality. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2019**, 217, 1-4	3.2	14
97	The Molecular Design Research Network. *Toxicological Sciences*, **2018**, 161, 241-248	4.4	13
96	Beyond hydraulic flushing: Deep water mixing takes the harm out of a haptophyte algal bloom. *Harmful Algae*, **2012**, 20, 42-57	5.3	13
95	Spatial and temporal influence of onsite wastewater treatment systems, centralized effluent discharge, and tides on aquatic hazards of nutrients, indicator bacteria, and pharmaceuticals in a coastal bayou. *Science of the Total Environment*, **2019**, 650, 354-364	10.2	13
94	Identification of novel uncertainty factors and thresholds of toxicological concern for health hazard and risk assessment: Application to cleaning product ingredients. *Environment International*, **2018**, 113, 357-376	12.9	12
93	Exogenous PP2A inhibitor exacerbates the progression of nonalcoholic fatty liver disease via NOX2-dependent activation of miR21. *American Journal of Physiology - Renal Physiology*, **2019**, 317, G408-G428	5.1	11
92	Towards Sustainable Environmental Quality: Priority Research Questions for the Australasian Region of Oceania. *Integrated Environmental Assessment and Management*, **2019**, 15, 917-935	2.5	11

91	Global scanning of anatoxins in aquatic systems: environment and health hazards, and research needs. *Marine and Freshwater Research*, **2020**, 71, 689	2.2	11
90	Methamphetamine pollution elicits addiction in wild fish. *Journal of Experimental Biology*, **2021**, 224,	3	11
89	Changing tides: Adaptive monitoring, assessment, and management of pharmaceutical hazards in the environment through time. *Environmental Toxicology and Chemistry*, **2016**, 35, 1037-42	3.8	11
88	Environmental Health Practice Challenges and Research Needs for U.S. Health Departments. *Environmental Health Perspectives*, **2019**, 127, 125001	8.4	11
87	Street dust: implications for stormwater and air quality, and environmental through street sweeping. *Reviews of Environmental Contamination and Toxicology*, **2015**, 233, 71-128	3.5	10
86	Experimental Protocol for Examining Behavioral Response Profiles in Larval Fish: Application to the Neuro-stimulant Caffeine. *Journal of Visualized Experiments*, **2018**,	1.6	10
85	Nutrient stoichiometry and concentrations influence silver toxicity in the aquatic macrophyte Lemna gibba. *Science of the Total Environment*, **2013**, 449, 229-36	10.2	10
84	Sublethal silver and NaCl toxicity in Daphnia magna: a comparative study of standardized chronic endpoints and progeny phototaxis. *Ecotoxicology*, **2013**, 22, 693-706	2.9	10
83	Conservation Physiology of the Plethodontid Salamanders Eurycea nana and E. sosorum: Response to Declining Dissolved Oxygen. *Copeia*, **2010**, 2010, 540-553	1.1	10
82	Pharmaceuticals in the environment: lessons learned for reducing uncertainties in environmental risk assessment. *Progress in Molecular Biology and Translational Science*, **2012**, 112, 231-58	4	10
81	Water reuse and aquaculture: Pharmaceutical bioaccumulation by fish during tertiary treatment in a wastewater stabilization pond. *Environmental Pollution*, **2020**, 267, 115593	9.3	10
80	Ontogenetic dietary shifts and bioaccumulation of diphenhydramine in Mugil cephalus from an urban estuary. *Marine Environmental Research*, **2017**, 127, 155-162	3.3	9
79	Retrospective Risk Assessment of Chemical Mixtures in the Big Data Era: An Alternative Classification Strategy to Integrate Chemical and Toxicological Data. *Environmental Science & Technology*, **2020**, 54, 5925-5927	10.3	9
78	Cleaning Product Ingredient Safety: What Is the Current State of Availability of Information Regarding Ingredients in Products and Their Function?. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 2094-2102	8.3	9
77	Ammonium treatments to suppress toxic blooms of Prymnesium parvum in a subtropical lake of semi-arid climate: results from in situ mesocosm experiments. *Water Research*, **2013**, 47, 4274-85	12.5	9
76	Exploring Lemna gibba thresholds to nutrient and chemical stressors: differential effects of triclosan on internal stoichiometry and nitrate uptake across a nitrogen:phosphorus gradient. *Environmental Toxicology and Chemistry*, **2010**, 29, 2363-70	3.8	9
75	Nitrogen form, concentration, and micronutrient availability affect microcystin production in cyanobacterial blooms. *Harmful Algae*, **2021**, 103, 102002	5.3	9
74	Epigenetic changes by per- and polyfluoroalkyl substances (PFAS). *Environmental Pollution*, **2021**, 279, 116929	9.3	9

73	Identifying Needs for Advancing the Profession and Workforce in Environmental Health. *American Journal of Public Health*, **2020**, 110, 288-294	5.1	8
72	Sex may influence environmental diphenhydramine accumulation in Round Stingrays. *Marine Pollution Bulletin*, **2018**, 135, 648-653	6.7	8
71	Determination of nicotine and its metabolites accumulated in fish tissue using hydrophilic interaction liquid chromatography coupled with tandem mass spectrometry. *Journal of Separation Science*, **2015**, 38, 2414-22	3.4	8
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