Bryan W Brooks

List of Publications by Year in Descending Order

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	Water reuse for aquaculture: Comparative removal efficacy and aquatic hazard reduction of pharmaceuticals by a pond treatment system during a one year study. *Journal of Hazardous Materials*, **2022**, 421, 126712	12.8	6
233	Spatial Hazards of Antibiotic Resistance in Wastewater-Impacted Streams during Low Instream Flow Conditions. *ACS ES&T Water*, **2022**, 2, 457-464		0
232	Frontiers in quantifying wildlife behavioural responses to chemical pollution.. *Biological Reviews*, **2022**,	13.5	2
231	Competitive superiority of N-fixing cyanobacteria when fixed N is scarce: Reconsiderations based on a model with heterocyst differentiation. *Ecological Modelling*, **2022**, 466, 109904	3	0
230	Global occurrence and probabilistic environmental health hazard assessment of per- and polyfluoroalkyl substances (PFASs) in groundwater and surface waters. *Science of the Total Environment*, **2021**, 816, 151535	10.2	4
229	Nitrogen form, concentration, and micronutrient availability affect microcystin production in cyanobacterial blooms. *Harmful Algae*, **2021**, 103, 102002	5.3	9
228	Differential influences of (⍈) anatoxin-a on photolocomotor behavior and gene transcription in larval zebrafish and fathead minnows. *Environmental Sciences Europe*, **2021**, 33,	5	1
227	Sustaining University Operations During the COVID-19 Pandemic. *Disaster Medicine and Public Health Preparedness*, **2021**, 1-9	2.8	4
226	The Role of Behavioral Ecotoxicology in Environmental Protection. *Environmental Science & Technology*, **2021**, 55, 5620-5628	10.3	28
225	Green Chemistry: A Framework for a Sustainable Future. *Organometallics*, **2021**, 40, 1801-1805	3.8	2
224	Epigenetic changes by per- and polyfluoroalkyl substances (PFAS). *Environmental Pollution*, **2021**, 279, 116929	9.3	9
223	Signposts for Aquatic Toxicity Evaluation in China: Text Mining using Event-Driven Taxonomy within and among Regions. *Environmental Science & Technology*, **2021**, 55, 8977-8986	10.3	0
222	Green Chemistry: A Framework for a Sustainable Future. *Environmental Science and Technology Letters*, **2021**, 8, 487-491	11	2
221	Green Chemistry: A Framework for a Sustainable Future. *Industrial & Engineering Chemistry Research*, **2021**, 60, 8964-8968	3.9	
220	Methamphetamine pollution elicits addiction in wild fish. *Journal of Experimental Biology*, **2021**, 224,	3	11
219	Sunlight concurrently reduces Prymnesium parvum elicited acute toxicity to fish and prymnesins. *Chemosphere*, **2021**, 263, 127927	8.4	4
218	De facto reuse at the watershed scale: Seasonal changes, population contributions, instream flows and water quality hazards of human pharmaceuticals. *Environmental Pollution*, **2021**, 268, 115888	9.3	1

217	Environmental Microcystin exposure in underlying NAFLD-induced exacerbation of neuroinflammation, blood-brain barrier dysfunction, and neurodegeneration are NLRP3 and S100B dependent. *Toxicology*, **2021**, 461, 152901	4.4	3
216	Synthesis of ecotoxicological studies on cyanotoxins in freshwater habitats - Evaluating the basis for developing thresholds protective of aquatic life in the United States. *Science of the Total Environment*, **2021**, 795, 148864	10.2	5
215	Comparative influences of dermal and inhalational routes of exposure on hazards of cleaning product ingredients among mammalian model organisms. *Environment International*, **2021**, 157, 106777	12.9	2
214	Stoichiometric Ecotoxicology for a Multisubstance World. *BioScience*, **2021**, 71, 132-147	5.7	2
213	Determination of citalopram in fish brain tissue: benefits of coupling laser diode thermal desorption with low- and high-resolution mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 4353-4361	4.4	3
212	Toward Sustainable Environmental Quality: Priority Research Questions for Asia. *Environmental Toxicology and Chemistry*, **2020**, 39, 1485-1505	3.8	21
211	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
210	Nutrients and salinity influence Prymnesium parvum (UTEX LB 2797) elicited sublethal toxicity in Pimephales promelas and Danio rerio. *Harmful Algae*, **2020**, 93, 101795	5.3	2
209	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
208	Spatial and seasonal occurrence of semi-volatile organic compounds (SVOCs) in fish influenced by snowmelt and municipal effluent discharge. *Science of the Total Environment*, **2020**, 737, 140222	10.2	
207	Confronting Racism in Chemistry Journals. *ACS Applied Nano Materials*, **2020**, 3, 6131-6133	5.6	
206	Confronting Racism in Chemistry Journals. *ACS Applied Polymer Materials*, **2020**, 2, 2496-2498	4.3	
205	Confronting Racism in Chemistry Journals. *Organometallics*, **2020**, 39, 2331-2333	3.8	
204	One uncertainty factor does not fit all: Identifying mode of action and species specific acute to chronic ratios for aquatic life. *Environmental Pollution*, **2020**, 262, 114262	9.3	5
203	Multi-approach assessment for the evaluation of spatio-temporal estrogenicity in fish from effluent-dominated surface waters under low instream flow. *Environmental Pollution*, **2020**, 265, 115122	9.3	4
202	Identifying Needs for Advancing the Profession and Workforce in Environmental Health. *American Journal of Public Health*, **2020**, 110, 288-294	5.1	8
201	Update to Our Reader, Reviewer, and Author Communities April 2020. *Energy & Fuels*, **2020**, 34, 5107-5108	4.1	
200	Pharmaceutical uptake kinetics in rainbow trout: In situ bioaccumulation in an effluent-dominated river influenced by snowmelt. *Science of the Total Environment*, **2020**, 736, 139603	10.2	7

199	Low dissolved oxygen increases uptake of a model calcium channel blocker and alters its effects on adult Pimephales promelas. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 231, 108719	3.2	1
198	Psychoactive pharmaceuticals in aquatic systems: A comparative assessment of environmental monitoring approaches for water and fish. *Environmental Pollution*, **2020**, 261, 114150	9.3	19
197	Predicting mixture toxicity and antibiotic resistance of fluoroquinolones and their photodegradation products in Escherichia coli. *Environmental Pollution*, **2020**, 262, 114275	9.3	19
196	Suspect and non-target screening of acutely toxic Prymnesium parvum. *Science of the Total Environment*, **2020**, 715, 136835	10.2	5
195	A closed vitrification system enables a murine ovarian follicle bank for high-throughput ovotoxicity screening, which identifies endocrine disrupting activity of microcystins. *Reproductive Toxicology*, **2020**, 93, 118-130	3.4	6
194	Balancing chemical function with reduced environmental health hazards: A joint probability approach to examine antimicrobial product efficacy and mammalian toxicity. *Journal of Cleaner Production*, **2020**, 262, 121323	10.3	1
193	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
192	Update to Our Reader, Reviewer, and Author Communities: April 2020. *Organometallics*, **2020**, 39, 1665-1666	3.8	
191	Confronting Racism in Chemistry Journals. *Journal of Chemical Health and Safety*, **2020**, 27, 198-200	1.7	
190	Global scanning of anatoxins in aquatic systems: environment and health hazards, and research needs. *Marine and Freshwater Research*, **2020**, 71, 689	2.2	11
189	Microcystin exposure worsens nonalcoholic fatty liver disease associated ectopic glomerular toxicity via NOX-2-MIR21 axis. *Environmental Toxicology and Pharmacology*, **2020**, 73, 103281	5.8	4
188	Emerging investigator series: use of behavioural endpoints in the regulation of chemicals. *Environmental Sciences: Processes and Impacts*, **2020**, 22, 49-65	4.3	25
187	CRISPR-Generated Nrf2a Loss- and Gain-of-Function Mutants Facilitate Mechanistic Analysis of Chemical Oxidative Stress-Mediated Toxicity in Zebrafish. *Chemical Research in Toxicology*, **2020**, 33, 426-435	4	3
186	Ultrafast laser diode thermal desorption method for analysis of representative pharmaceuticals in soil leachate samples. *Talanta*, **2020**, 208, 120382	6.2	4
185	Toward Less Hazardous Industrial Compounds: Coupling Quantum Mechanical Computations, Biomarker Responses, and Behavioral Profiles To Identify Bioactivity of S2 Electrophiles in Alternative Vertebrate Models. *Chemical Research in Toxicology*, **2020**, 33, 367-380	4	5
184	Higher intestinal and circulatory lactate associated NOX2 activation leads to an ectopic fibrotic pathology following microcystin co-exposure in murine fatty liver disease. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 238, 108854	3.2	2
183	Water reuse and aquaculture: Pharmaceutical bioaccumulation by fish during tertiary treatment in a wastewater stabilization pond. *Environmental Pollution*, **2020**, 267, 115593	9.3	10
182	Plasma Vitellogenin Reveals Potential Seasonal Estrogenicity in Fish from On-Site Wastewater Treatment Systems in Semi-Arid Streams Influenced by Snowmelt. *Bulletin of Environmental Contamination and Toxicology*, **2020**, 105, 692-698	2.7	1

181	Early microcystin-LR exposure-linked inflammasome activation in mice causes development of fatty liver disease and insulin resistance. *Environmental Toxicology and Pharmacology*, **2020**, 80, 103457	5.8	7
180	Periphyton, bivalves and fish differentially accumulate select pharmaceuticals in effluent-dependent stream mesocosms. *Science of the Total Environment*, **2020**, 745, 140882	10.2	5
179	Dynamics of nitrogen-fixing cyanobacteria with heterocysts: a stoichiometric model. *Marine and Freshwater Research*, **2020**, 71, 644	2.2	7
178	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
177	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
176	Prymnesium parvum differentially triggers sublethal fish antioxidant responses in vitro among salinity and nutrient conditions. *Aquatic Toxicology*, **2019**, 213, 105214	5.1	7
175	Global scanning of selective serotonin reuptake inhibitors: occurrence, wastewater treatment and hazards in aquatic systems. *Environmental Pollution*, **2019**, 250, 1019-1031	9.3	61
174	Influence of salinity and pH on bioconcentration of ionizable pharmaceuticals by the gulf killifish, Fundulus grandis. *Chemosphere*, **2019**, 229, 434-442	8.4	19
173	Antidepressants in Surface Waters: Fluoxetine Influences Mosquitofish Anxiety-Related Behavior at Environmentally Relevant Levels. *Environmental Science & Technology*, **2019**, 53, 6035-6043	10.3	34
172	Corbicula fluminea rapidly accumulate pharmaceuticals from an effluent dependent urban stream. *Chemosphere*, **2019**, 224, 873-883	8.4	20
171	Greening chemistry and ecotoxicology towards sustainable environmental quality. *Green Chemistry*, **2019**, 21, 2575-2582	10	15
170	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
169	Comparative mammalian hazards of neonicotinoid insecticides among exposure durations. *Environment International*, **2019**, 125, 9-24	12.9	23
168	Toward Sustainable Environmental Quality: Priority Research Questions for North America. *Environmental Toxicology and Chemistry*, **2019**, 38, 1606-1624	3.8	29
167	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
166	Biological Stoichiometry Regulates Toxin Production in (UTEX 2385). *Toxins*, **2019**, 11,	4.9	23
165	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
164	Uncovering Environmental Health: An Initial Assessment of the Profession's Health Department Workforce and Practice. *Journal of Environmental Health*, **2019**, 81, 24-33	0.4	5

163	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
162	Environmental Health Practice Challenges and Research Needs for U.S. Health Departments. *Environmental Health Perspectives*, **2019**, 127, 125001	8.4	11
161	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
160	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
159	Kinetics of Glutathione Depletion and Antioxidant Gene Expression as Indicators of Chemical Modes of Action Assessed in Vitro in Mouse Hepatocytes with Enhanced Glutathione Synthesis. *Chemical Research in Toxicology*, **2019**, 32, 421-436	4	5
158	Commentary: Perspectives on aquaculture, urbanization and water quality. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2019**, 217, 1-4	3.2	14
157	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
156	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
155	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
154	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
153	Differential uptake of and sensitivity to diphenhydramine in embryonic and larval zebrafish. *Environmental Toxicology and Chemistry*, **2018**, 37, 1175-1181	3.8	27
152	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
151	Toward sustainable environmental quality: Identifying priority research questions for Latin America. *Integrated Environmental Assessment and Management*, **2018**, 14, 344-357	2.5	52
150	Urbanization, environment and pharmaceuticals: advancing comparative physiology, pharmacology and toxicology **2018**, 6, cox079		25
149	Global review and analysis of erythromycin in the environment: Occurrence, bioaccumulation and antibiotic resistance hazards. *Environmental Pollution*, **2018**, 238, 440-451	9.3	77
148	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
147	Select antibiotics in leachate from closed and active landfills exceed thresholds for antibiotic resistance development. *Environment International*, **2018**, 115, 89-96	12.9	34
146	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

145	The Molecular Design Research Network. *Toxicological Sciences*, **2018**, 161, 241-248	4.4	13
144	Pharmaceuticals in water, fish and osprey nestlings in Delaware River and Bay. *Environmental Pollution*, **2018**, 232, 533-545	9.3	54
143	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
142	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
141	Influence of Diltiazem on Fathead Minnows Across Dissolved Oxygen Gradients. *Environmental Toxicology and Chemistry*, **2018**, 37, 2835-2850	3.8	6
140	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
139	Toward sustainable environmental quality: Priority research questions for Europe. *Environmental Toxicology and Chemistry*, **2018**, 37, 2281-2295	3.8	68
138	Experimental Protocol for Examining Behavioral Response Profiles in Larval Fish: Application to the Neuro-stimulant Caffeine. *Journal of Visualized Experiments*, **2018**,	1.6	10
137	Sex may influence environmental diphenhydramine accumulation in Round Stingrays. *Marine Pollution Bulletin*, **2018**, 135, 648-653	6.7	8
136	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
135	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
134	Ecotoxicological Perspectives on Health Care and the Environment **2018**, 41-67		0
133	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
132	Ontogenetic dietary shifts and bioaccumulation of diphenhydramine in Mugil cephalus from an urban estuary. *Marine Environmental Research*, **2017**, 127, 155-162	3.3	9
131	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
130	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
129	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
128	Population persistence in flowing-water habitats: Conditions where flow-based management of harmful algal blooms works, and where it does not. *Ecological Engineering*, **2017**, 99, 172-181	3.9	4

127	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
126	Consumer-mediated nutrient recycling is influenced by interactions between nutrient enrichment and the antimicrobial agent triclosan. *Freshwater Science*, **2016**, 35, 856-872	2	5
125	Current Status and Future Challenges in Molecular Design for Reduced Hazard. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 5900-5906	8.3	32
124	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
123	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
122	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
121	Exploring Educators□Environmental Education Attitudes and Efficacy: Insights Gleaned from a Texas Wetland Academy. *International Journal of Science Education, Part B: Communication and Public Engagement*, **2016**, 6, 303-324	1.2	1
120	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
119	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
118	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
117	Effects of sertraline on behavioral indices of crayfish Orconectes virilis. *Ecotoxicology and Environmental Safety*, **2016**, 134P1, 31-37	7	18
116	Harmful Algal Blooms **2015**, 873-920		30
115	Comparative endpoint sensitivity of in vitro estrogen agonist assays. *Regulatory Toxicology and Pharmacology*, **2015**, 72, 185-93	3.4	20
114	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
113	Global Assessment of Bisphenol A in the Environment: Review and Analysis of Its Occurrence and Bioaccumulation. *Dose-Response*, **2015**, 13, 1559325815598308	2.3	333
112	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
111	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
110	Prymnesium parvum invasion success into coastal bays of the Gulf of Mexico: Galveston Bay case study. *Harmful Algae*, **2015**, 43, 31-45	5.3	3

109	A multibiomarker approach to explore interactive effects of propranolol and fluoxetine in marine mussels. *Environmental Pollution*, **2015**, 205, 60-9	9.3	38
108	Pharmaceutical bioaccumulation by periphyton and snails in an effluent-dependent stream during an extreme drought. *Chemosphere*, **2015**, 119, 927-934	8.4	69
107	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
106	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
105	Rotifer-Prymnesium parvum interactions: role of lake bloom history on rotifer adaptation to toxins produced by P. parvum. *Aquatic Microbial Ecology*, **2015**, 75, 55-68	1.1	1
104	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
103	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
102	Assessment of mosquitofish (Gambusia affinis) health indicators in relation to domestic wastewater discharges in suburbs of Houston, USA. *Bulletin of Environmental Contamination and Toxicology*, **2014**, 93, 13-8	2.7	6
101	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
100	Fish on Prozac (and Zoloft): ten years later. *Aquatic Toxicology*, **2014**, 151, 61-7	5.1	119
99	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
98	Chronic fluoxetine exposure alters movement and burrowing in adult freshwater mussels. *Aquatic Toxicology*, **2014**, 151, 27-35	5.1	50
97	Assessing the Improvement of Stormwater Quality Through Street Cleaning. *Proceedings of the Water Environment Federation*, **2014**, 2014, 92-105		
96	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
95	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
94	Reducing aquatic hazards of industrial chemicals: probabilistic assessment of sustainable molecular design guidelines. *Environmental Toxicology and Chemistry*, **2014**, 33, 1894-902	3.8	18
93	The role of toxicological science in meeting the challenges and opportunities of hydraulic fracturing. *Toxicological Sciences*, **2014**, 139, 271-83	4.4	35
92	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

91	Selective pressurized liquid extraction technique capable of analyzing dioxins, furans, and PCBs in clams and crab tissue. *Bulletin of Environmental Contamination and Toxicology*, **2014**, 92, 460-5	2.7	6
90	Comparative pharmaceutical metabolism by rainbow trout (Oncorhynchus mykiss) liver S9 fractions. *Environmental Toxicology and Chemistry*, **2013**, 32, 1810-8	3.8	82
89	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
88	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
87	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
86	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
85	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
84	Enantiomer-specific in vitro biotransformation of select pharmaceuticals in rainbow trout (Oncorhynchus mykiss). *Chirality*, **2013**, 25, 763-7	2.1	18
83	STIMULATING EFFECT OF ANABAENA SP. (CYANOBACTERIA) EXUDATE ON PRYMNESIUM PARVUM (HAPTOPHYTA)(1). *Journal of Phycology*, **2012**, 48, 1045-9	3	4
82	Suggesting a testing strategy for possible endocrine effects of drug metabolites. *Regulatory Toxicology and Pharmacology*, **2012**, 62, 441-8	3.4	4
81	Carbon sink to source: longitudinal gradients of planktonic P:R ratios in subtropical reservoirs. *Biogeochemistry*, **2012**, 107, 81-93	3.8	5
80	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
79	Occurrence of pharmaceuticals and personal care products in German fish tissue: a national study. *Environmental Science & Technology*, **2012**, 46, 9047-54	10.3	100
78	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
77	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
76	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
75	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
74	Beyond hydraulic flushing: Deep water mixing takes the harm out of a haptophyte algal bloom. *Harmful Algae*, **2012**, 20, 42-57	5.3	13

73	Low pH preempts bloom development of a toxic haptophyte. *Harmful Algae*, **2012**, 20, 156-164	5.3	23
72	Human Health Risk Assessment for Pharmaceuticals in the Environment: Existing Practice, Uncertainty, and Future Directions. *Emerging Topics in Ecotoxicology*, **2012**, 167-224		6
71	Perspectives on Human Pharmaceuticals in the Environment. *Emerging Topics in Ecotoxicology*, **2012**, 1-16		6
70	Considerations and Criteria for the Incorporation of Mechanistic Sublethal Endpoints into Environmental Risk Assessment for Biologically Active Compounds. *Emerging Topics in Ecotoxicology*, **2012**, 139-165		2
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