

Paul D Jones

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

169
papers

8,785
citations

56
h-index

87
g-index

176
ext. papers

9,435
ext. citations

6.1
avg, IF

5.47
L-index

#	Paper	IF	Citations
169	Binding of perfluorinated fatty acids to serum proteins. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 2639-49	3.8	440
168	Accumulation of perfluorooctane sulfonate in marine mammals. <i>Environmental Science & Technology</i> , 2001 , 35, 1593-8	10.3	419
167	Perfluorooctane sulfonate in fish-eating water birds including bald eagles and albatrosses. <i>Environmental Science & Technology</i> , 2001 , 35, 3065-70	10.3	245
166	Probabilistic risk assessment of agrochemicals in the environment. <i>Crop Protection</i> , 2000 , 19, 649-655	2.7	205
165	Perfluorinated compounds in water, sediment, soil and biota from estuarine and coastal areas of Korea. <i>Environmental Pollution</i> , 2010 , 158, 1237-44	9.3	201
164	Origin of hydroxylated brominated diphenyl ethers: natural compounds or man-made flame retardants?. <i>Environmental Science & Technology</i> , 2009 , 43, 7536-42	10.3	196
163	Gene expression profiles in rat liver treated with perfluorooctanoic acid (PFOA). <i>Toxicological Sciences</i> , 2006 , 89, 93-107	4.4	177
162	Inhibition of gap junctional intercellular communication by perfluorinated compounds in rat liver and dolphin kidney epithelial cell lines in vitro and Sprague-Dawley rats in vivo. <i>Toxicological Sciences</i> , 2002 , 68, 429-36	4.4	158
161	Polybrominated diphenyl ethers and their hydroxylated/methoxylated analogs: environmental sources, metabolic relationships, and relative toxicities. <i>Marine Pollution Bulletin</i> , 2011 , 63, 179-88	6.7	156
160	Determination of fluoroquinolone antibiotics in wastewater effluents by liquid chromatography-mass spectrometry and fluorescence detection. <i>Chemosphere</i> , 2005 , 58, 759-66	8.4	153
159	Human adrenocarcinoma (H295R) cells for rapid in vitro determination of effects on steroidogenesis: hormone production. <i>Toxicology and Applied Pharmacology</i> , 2006 , 217, 114-24	4.6	144
158	Assessment of the effects of chemicals on the expression of ten steroidogenic genes in the H295R cell line using real-time PCR. <i>Toxicological Sciences</i> , 2004 , 81, 78-89	4.4	140
157	Hydroxylated polybrominated diphenyl ethers and bisphenol A in pregnant women and their matching fetuses: placental transfer and potential risks. <i>Environmental Science & Technology</i> , 2010 , 44, 5233-9	10.3	133
156	Fluorescent substrates for soluble epoxide hydrolase and application to inhibition studies. <i>Analytical Biochemistry</i> , 2005 , 343, 66-75	3.1	127
155	Nonylphenol isomers differ in estrogenic activity. <i>Environmental Science & Technology</i> , 2006 , 40, 5147-53	10.3	120
154	Perfluorinated compounds in streams of the Shihwa Industrial Zone and Lake Shihwa, South Korea. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 2374-80	3.8	120
153	1-Aryl-3-(1-acylpiperidin-4-yl)urea inhibitors of human and murine soluble epoxide hydrolase: structure-activity relationships, pharmacokinetics, and reduction of inflammatory pain. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 7067-75	8.3	119

152	Alterations in cell membrane properties caused by perfluorinated compounds. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003 , 135, 77-88	3.2	119
151	Cell bioassays for detection of aryl hydrocarbon (AhR) and estrogen receptor (ER) mediated activity in environmental samples. <i>Marine Pollution Bulletin</i> , 2002 , 45, 3-16	6.7	115
150	Real-time PCR array to study effects of chemicals on the Hypothalamic-Pituitary-Gonadal axis of the Japanese medaka. <i>Aquatic Toxicology</i> , 2008 , 88, 173-82	5.1	112
149	Aquatic toxicology of perfluorinated chemicals. <i>Reviews of Environmental Contamination and Toxicology</i> , 2010 , 202, 1-52	3.5	112
148	Avian toxicity reference values for perfluorooctane sulfonate. <i>Environmental Science & Technology</i> , 2005 , 39, 9357-62	10.3	104
147	Effects of atrazine on metamorphosis, growth, laryngeal and gonadal development, aromatase activity, and sex steroid concentrations in <i>Xenopus laevis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2005 , 62, 160-73	7	102
146	Effect of pyrolysis temperature on potential toxicity of biochar if applied to the environment. <i>Environmental Pollution</i> , 2016 , 218, 1-7	9.3	101
145	Distributions and bioconcentration characteristics of perfluorinated compounds in environmental samples collected from the west coast of Korea. <i>Chemosphere</i> , 2013 , 90, 387-94	8.4	100
144	Atrazine concentrations, gonadal gross morphology and histology in ranid frogs collected in Michigan agricultural areas. <i>Aquatic Toxicology</i> , 2006 , 76, 230-45	5.1	100
143	Bisphenol A disrupts steroidogenesis in human H295R cells. <i>Toxicological Sciences</i> , 2011 , 121, 320-7	4.4	99
142	Dietary Exposure of Mink to Carp from Saginaw Bay. 3. Characterization of Dietary Exposure to Planar Halogenated Hydrocarbons, Dioxin Equivalents, and Biomagnification. <i>Environmental Science & Technology</i> , 1996 , 30, 283-291	10.3	99
141	Interconversion of hydroxylated and methoxylated polybrominated diphenyl ethers in Japanese medaka. <i>Environmental Science & Technology</i> , 2010 , 44, 8729-35	10.3	94
140	Quantitative RT-PCR methods for evaluating toxicant-induced effects on steroidogenesis using the H295R cell line. <i>Environmental Science & Technology</i> , 2005 , 39, 2777-85	10.3	91
139	Simultaneous quantification of multiple classes of phenolic compounds in blood plasma by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 506-13	4.5	83
138	Removal of estrogenic activity from municipal waste landfill leachate assessed with a bioassay based on reporter gene expression. <i>Environmental Science & Technology</i> , 2003 , 37, 3430-4	10.3	83
137	Identification of genes responsive to PFOS using gene expression profiling. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 19, 57-70	5.8	79
136	Pharmacokinetic optimization of four soluble epoxide hydrolase inhibitors for use in a murine model of inflammation. <i>British Journal of Pharmacology</i> , 2009 , 156, 284-96	8.6	78
135	Responses of the medaka HPG axis PCR array and reproduction to prochloraz and ketoconazole. <i>Environmental Science & Technology</i> , 2008 , 42, 6762-9	10.3	76

134	Synthesis and SAR of conformationally restricted inhibitors of soluble epoxide hydrolase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 5212-6	2.9	76
133	The H295R system for evaluation of endocrine-disrupting effects. <i>Ecotoxicology and Environmental Safety</i> , 2006 , 65, 293-305	7	76
132	Effect of ozonation on the estrogenicity and androgenicity of oil sands process-affected water. <i>Environmental Science & Technology</i> , 2011 , 45, 6268-74	10.3	75
131	Plasma concentrations of estradiol and testosterone, gonadal aromatase activity and ultrastructure of the testis in <i>Xenopus laevis</i> exposed to estradiol or atrazine. <i>Aquatic Toxicology</i> , 2005 , 72, 383-96	5.1	73
130	Bioassay-Derived 2,3,7,8-Tetrachlorodibenzo-p-dioxin Equivalents in PCB-Containing Extracts from the Flesh and Eggs of Lake Michigan Chinook Salmon (<i>Oncorhynchus tshawytscha</i>) and Possible Implications for Reproduction. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1991 , 48, 1685-1690	2.4	72
129	Development of toxic equivalency factors for PCB congeners and the assessment of TCDD and PCB mixtures in rainbow trout. <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 861-871	3.8	71
128	Uptake of planar polychlorinated biphenyls and 2,3,7,8-substituted polychlorinated dibenzofurans and dibenzo-p-dioxins by birds nesting in the lower fox river and Green Bay, Wisconsin, USA. <i>Archives of Environmental Contamination and Toxicology</i> , 1993 , 24, 332-344	3.2	71
127	Ozonation attenuates the steroidogenic disruptive effects of sediment free oil sands process water in the H295R cell line. <i>Chemosphere</i> , 2010 , 80, 578-84	8.4	70
126	Review of the effects of endocrine-disrupting chemicals in birds. <i>Pure and Applied Chemistry</i> , 2003 , 75, 2287-2303	2.1	70
125	Bridging science and traditional knowledge to assess cumulative impacts of stressors on ecosystem health. <i>Environment International</i> , 2017 , 102, 125-137	12.9	67
124	Bioaccumulation characteristics of perfluoroalkyl acids (PFAAs) in coastal organisms from the west coast of South Korea. <i>Chemosphere</i> , 2015 , 129, 157-63	8.4	66
123	Pharmacokinetic screening of soluble epoxide hydrolase inhibitors in dogs. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 40, 222-38	5.1	66
122	Tissue concentrations of polybrominated compounds in Chinese sturgeon (<i>Acipenser sinensis</i>): origin, hepatic sequestration, and maternal transfer. <i>Environmental Science & Technology</i> , 2010 , 44, 5781-6	10.3	64
121	Development of a high-throughput screen for soluble epoxide hydrolase inhibition. <i>Analytical Biochemistry</i> , 2006 , 355, 71-80	3.1	62
120	Effects of atrazine on metamorphosis, growth, and gonadal development in the green frog (<i>Rana clamitans</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2004 , 67, 941-57	3.2	62
119	Historical trends of inorganic and organic fluorine in sediments of Lake Michigan. <i>Chemosphere</i> , 2014 , 114, 203-9	8.4	61
118	Effects of atrazine on CYP19 gene expression and aromatase activity in testes and on plasma sex steroid concentrations of male African clawed frogs (<i>Xenopus laevis</i>). <i>Toxicological Sciences</i> , 2005 , 86, 273-80	4.4	60
117	Occurrences and fates of hydroxylated polybrominated diphenyl ethers in marine sediments in relation to trophodynamics. <i>Environmental Science & Technology</i> , 2012 , 46, 2148-55	10.3	59

116	Organochlorine pesticides, polychlorinated biphenyls, and butyltin compounds in blubber and livers of stranded California sea lions, elephant seals, and harbor seals from coastal California, USA. <i>Archives of Environmental Contamination and Toxicology</i> , 2001 , 41, 90-9	3.2	59
115	Plasma sex steroid concentrations and gonadal aromatase activities in African clawed frogs (<i>Xenopus laevis</i>) from South Africa. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 1996-2007	3.8	58
114	Perfluoroalkyl acids in marine organisms from Lake Shihwa, Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2009 , 57, 552-60	3.2	57
113	Untargeted Identification of Organo-Bromine Compounds in Lake Sediments by Ultrahigh-Resolution Mass Spectrometry with the Data-Independent Precursor Isolation and Characteristic Fragment Method. <i>Analytical Chemistry</i> , 2015 , 87, 10237-46	7.8	54
112	Deformities, PCBs, and TCDD-Equivalents in Double-Crested Cormorants (<i>Phalacrocorax auritus</i>) and Caspian Terns (<i>Hydroprogne caspia</i>) of the Upper Great Lakes 1986-1991: Testing a Cause-Effect Hypothesis. <i>Journal of Great Lakes Research</i> , 1996 , 22, 172-197	3	53
111	Modulation of steroidogenic gene expression and hormone production of H295R cells by pharmaceuticals and other environmentally active compounds. <i>Toxicology and Applied Pharmacology</i> , 2007 , 225, 142-53	4.6	52
110	Effects of chronic dietary exposure to environmentally relevant concentrations to 2,3,7,8-tetrachlorodibenzo-p-dioxin on survival, growth, reproduction and biochemical responses of female rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2002 , 59, 35-53	5.1	52
109	Cytochrome P4501A induction by 2,3,7,8-tetrachlorodibenzo-p-dioxin and two chlorinated dibenzofurans in primary hepatocyte cultures of three avian species. <i>Toxicological Sciences</i> , 2010 , 113, 380-91	4.4	51
108	1-(1-acetyl-piperidin-4-yl)-3-adamantan-1-yl-urea (AR9281) as a potent, selective, and orally available soluble epoxide hydrolase inhibitor with efficacy in rodent models of hypertension and dysglycemia. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 983-8	2.9	51
107	Integrated assessment of contaminated sediments in the lower Fox River and Green Bay, Wisconsin. <i>Ecotoxicology and Environmental Safety</i> , 1992 , 23, 46-63	7	49
106	Comparative efficacy of 3 soluble epoxide hydrolase inhibitors in rat neuropathic and inflammatory pain models. <i>European Journal of Pharmacology</i> , 2013 , 700, 93-101	5.3	47
105	Quantitative structure-activity relationships for the prediction of relative in vitro potencies (REPs) for chloronaphthalenes. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007 , 42, 573-90	2.3	47
104	Global biomonitoring of perfluorinated organics. <i>Scientific World Journal, The</i> , 2001 , 1, 627-9	2.2	45
103	2,3,7,8-Tetrachlorodibenzo-p-dioxin equivalents in tissues of birds at Green Bay, Wisconsin, USA. <i>Archives of Environmental Contamination and Toxicology</i> , 1993 , 24, 345-354	3.2	45
102	Time-dependent transcriptional profiles of genes of the hypothalamic-pituitary-gonadal axis in medaka (<i>Oryzias latipes</i>) exposed to fadrozole and 17beta-trenbolone. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 2504-11	3.8	43
101	Caspian Tern Reproduction in the Saginaw Bay Ecosystem Following a 100-Year Flood Event. <i>Journal of Great Lakes Research</i> , 1993 , 19, 96-108	3	43
100	AhR-mediated potency of sediments and soils in estuarine and coastal areas of the Yellow Sea region: a comparison between Korea and China. <i>Environmental Pollution</i> , 2012 , 171, 216-25	9.3	41
99	Sensitivity of Japanese quail (<i>Coturnix japonica</i>), Common pheasant (<i>Phasianus colchicus</i>), and White Leghorn chicken (<i>Gallus gallus domesticus</i>) embryos to in ovo exposure to TCDD, PeCDF, and TCDF. <i>Toxicological Sciences</i> , 2011 , 119, 93-103	4.4	41

98	Environmental fate and bioavailability of Agent Orange and its associated dioxin during the Vietnam War. <i>Environmental Science and Pollution Research</i> , 2004 , 11, 359-70	5.1	41
97	Cytotoxicity and aryl hydrocarbon receptor-mediated activity of n-heterocyclic polycyclic aromatic hydrocarbons: structure-activity relationships. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 1291-7 ^{3,8}	3.8	40
96	Endocrine disrupting, mutagenic, and teratogenic effects of upper Danube River sediments using effect-directed analysis. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 1053-62	3.8	39
95	Differential accumulation of polychlorinated biphenyl congeners in the terrestrial food web of the Kalamazoo River Superfund site, Michigan. <i>Environmental Science & Technology</i> , 2005 , 39, 5954-63	10.3	38
94	Alteration of steroidogenesis in H295R cells by organic sediment contaminants and relationships to other endocrine disrupting effects. <i>Environment International</i> , 2006 , 32, 749-57	12.9	38
93	Transcriptional responses of male fathead minnows exposed to oil sands process-affected water. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013 , 157, 227-35	3.2	37
92	Contribution of synthetic and naturally occurring organobromine compounds to bromine mass in marine organisms. <i>Environmental Science & Technology</i> , 2010 , 44, 6068-73	10.3	36
91	Combined Transcriptomic and Proteomic Approach to Identify Toxicity Pathways in Early Life Stages of Japanese Medaka (<i>Oryzias latipes</i>) Exposed to 1,2,5,6-Tetrabromocyclooctane (TBCO). <i>Environmental Science & Technology</i> , 2016 , 50, 7781-90	10.3	35
90	Untargeted Screening and Distribution of Organo-Bromine Compounds in Sediments of Lake Michigan. <i>Environmental Science & Technology</i> , 2016 , 50, 321-30	10.3	34
89	Effects of fluorotelomer alcohol 8:2 FTOH on steroidogenesis in H295R cells: targeting the cAMP signalling cascade. <i>Toxicology and Applied Pharmacology</i> , 2010 , 247, 222-8	4.6	34
88	Perfluorooctane sulfonate increases the genotoxicity of cyclophosphamide in the micronucleus assay with V79 cells. Further proof of alterations in cell membrane properties caused by PFOS. <i>Environmental Science and Pollution Research</i> , 2007 , 14, 85-7	5.1	34
87	Modulation of steroidogenesis by coastal waters and sewage effluents of Hong Kong, China, using the H295R assay. <i>Environmental Science and Pollution Research</i> , 2008 , 15, 332-43	5.1	34
86	Mutagenic Azo Dyes, Rather Than Flame Retardants, Are the Predominant Brominated Compounds in House Dust. <i>Environmental Science & Technology</i> , 2016 , 50, 12669-12677	10.3	33
85	Mineralization of bisphenol A by catalytic ozonation over alumina. <i>Separation and Purification Technology</i> , 2013 , 107, 310-317	8.3	32
84	Sources and distribution of polychlorinated-dibenzo-p-dioxins and -dibenzofurans in soil and sediment from the Yellow Sea region of China and Korea. <i>Environmental Pollution</i> , 2011 , 159, 907-17	9.3	32
83	Differential accumulation of polychlorinated biphenyl congeners in the aquatic food web at the Kalamazoo River Superfund site, Michigan. <i>Environmental Science & Technology</i> , 2005 , 39, 5964-74	10.3	32
82	Reproductive success, developmental anomalies, and environmental contaminants in double-crested cormorants (<i>Phalacrocorax auritus</i>). <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 553-559	3.8	31
81	Potential health risks posed by polycyclic aromatic hydrocarbons in muscle tissues of fishes from the Athabasca and Slave Rivers, Canada. <i>Environmental Geochemistry and Health</i> , 2017 , 39, 139-160	4.7	30

80	Bioaccumulation of polychlorinated dibenzo-p-dioxins, dibenzofurans, and dioxin-like polychlorinated biphenyls in fishes from the Tittabawassee and Saginaw Rivers, Michigan, USA. <i>Science of the Total Environment</i> , 2010 , 408, 2394-401	10.2	30
79	Identification of two epoxide hydrolases in <i>Caenorhabditis elegans</i> that metabolize mammalian lipid signaling molecules. <i>Archives of Biochemistry and Biophysics</i> , 2008 , 472, 139-49	4.1	29
78	Tree swallow (<i>Tachycineta bicolor</i>) exposure to polychlorinated biphenyls at the Kalamazoo River superfund site, Michigan, USA. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 428-37	3.8	29
77	. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 553	3.8	29
76	Pathologic alterations in adult rainbow trout, <i>Oncorhynchus mykiss</i> , exposed to dietary 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Aquatic Toxicology</i> , 2000 , 50, 287-299	5.1	28
75	Persistent synthetic chlorinated hydrocarbons in albatross tissue samples from midway atoll. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 1793-1800	3.8	28
74	PBDEs and methoxylated analogues in sediment cores from two Michigan, USA, inland lakes. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1236-42	3.8	27
73	Toxaphene and other persistent organochlorine pesticides in three species of albatrosses from the north and south Pacific Ocean. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 413-423	3.8	26
72	Accumulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin by rainbow trout (<i>Onchorhynchus mykiss</i>) at environmentally relevant dietary concentrations. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 344-350	3.8	26
71	Effects induced by feeding organochlorine-contaminated carp from Saginaw Bay, Lake Huron, to laying White Leghorn hens. I. Effects on health of adult hens, egg production, and fertility. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1996 , 49, 389-407	3.2	26
70	Spatial and temporal trends in poly- and per-fluorinated compounds in the Laurentian Great Lakes Erie, Ontario and St. Clair. <i>Environmental Pollution</i> , 2018 , 237, 396-405	9.3	25
69	Plasma steroid hormone concentrations, aromatase activities and GSI in ranid frogs collected from agricultural and non-agricultural sites in Michigan (USA). <i>Aquatic Toxicology</i> , 2006 , 77, 153-66	5.1	25
68	Perfluorinated Compounds in the Great Lakes391-438		25
67	Transcriptional effects of perfluorinated compounds in rat hepatoma cells. <i>Chemosphere</i> , 2012 , 86, 270-8.4	8.4	24
66	Fluorescence in situ hybridization techniques (FISH) to detect changes in CYP19a gene expression of Japanese medaka (<i>Oryzias latipes</i>). <i>Toxicology and Applied Pharmacology</i> , 2008 , 232, 226-35	4.6	23
65	A Comparison of Water Quality Criteria for the Great Lakes Based on Human and Wildlife Health. <i>Journal of Great Lakes Research</i> , 1993 , 19, 789-807	3	22
64	Examination of reproductive endpoints in goldfish (<i>Carassius auratus</i>) exposed in situ to municipal sewage treatment plant effluent discharges in Michigan, USA. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 2416-31	3.8	21
63	Biomagnification of bioassay derived 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalents. <i>Chemosphere</i> , 1993 , 26, 1203-1212	8.4	21

62	Stable sulfur isotopes identify habitat-specific foraging and mercury exposure in a highly mobile fish community. <i>Science of the Total Environment</i> , 2017 , 586, 338-346	10.2	20
61	Products of biotransformation of polycyclic aromatic hydrocarbons in fishes of the Athabasca/Slave river system, Canada. <i>Environmental Geochemistry and Health</i> , 2016 , 38, 577-91	4.7	20
60	Development and optimization of a Q-RT PCR method to quantify CYP19 mRNA expression in testis of male adult <i>Xenopus laevis</i> : comparisons with aromatase enzyme activity. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006 , 144, 18-28	2.3	20
59	Dietary exposure of mink to carp from Saginaw Bay, Michigan: 2. Hematology and liver pathology. <i>Archives of Environmental Contamination and Toxicology</i> , 1995 , 29, 411-7	3.2	20
58	Effects of in ovo exposure of white leghorn chicken, common pheasant, and Japanese quail to 2,3,7,8-tetrachlorodibenzo-p-dioxin and two chlorinated dibenzofurans on CYP1A induction. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1490-502	3.8	19
57	Untargeted Screening and Distribution of Organo-Iodine Compounds in Sediments from Lake Michigan and the Arctic Ocean. <i>Environmental Science & Technology</i> , 2016 , 50, 10097-105	10.3	19
56	Reconstructing long-term trends in municipal sewage discharge into a small lake in northern Manitoba, Canada. <i>Chemosphere</i> , 2014 , 103, 299-305	8.4	18
55	Identification of Chemicals that Cause Oxidative Stress in Oil Sands Process-Affected Water. <i>Environmental Science & Technology</i> , 2017 , 51, 8773-8781	10.3	18
54	Peroxisome Proliferator-Activated Receptor α is a Sensitive Target for Oil Sands Process-Affected Water: Effects on Adipogenesis and Identification of Ligands. <i>Environmental Science & Technology</i> , 2016 , 50, 7816-24	10.3	17
53	Instrumental and bioanalytical measures of dioxin-like compounds and activities in sediments of the Pohang Area, Korea. <i>Science of the Total Environment</i> , 2014 , 470-471, 1517-25	10.2	17
52	Detection, identification, and quantification of hydroxylated bis(2-ethylhexyl)-tetrabromophthalate isomers in house dust. <i>Environmental Science & Technology</i> , 2015 , 49, 2999-3006	10.3	17
51	Occurrence of wax esters in the tissues of the orange roughy (<i>Hoplostethus atlanticus</i>). <i>Lipids</i> , 1983 , 18, 585-8	1.6	17
50	Advanced fluorescence in situ hybridization to localize and quantify gene expression in Japanese medaka (<i>Oryzias latipes</i>) exposed to endocrine-disrupting compounds. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 1951-62	3.8	16
49	Risk assessment of great horned owls (<i>Bubo virginianus</i>) exposed to polychlorinated biphenyls and DDT along the Kalamazoo River, Michigan, USA. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 1386-98	3.8	16
48	Comparison of risk assessment methodologies for exposure of mink to PCBs on the Kalamazoo River, Michigan. <i>Environmental Science & Technology</i> , 2004 , 38, 6451-9	10.3	16
47	Accumulation of 2,3,7,8-tetrachlorodibenzo-p-dioxin equivalents by double-crested cormorant (<i>Phalacrocorax auritus</i> , Pelicaniformes) chicks in the North American Great Lakes. <i>Ecotoxicology and Environmental Safety</i> , 1994 , 27, 192-209	7	16
46	Developmental Exposure to Aroclor 1254 Alters Migratory Behavior in Juvenile European Starlings (<i>Sturnus vulgaris</i>). <i>Environmental Science & Technology</i> , 2015 , 49, 6274-83	10.3	15
45	Generalized concentration addition accurately predicts estrogenic potentials of mixtures and environmental samples containing partial agonists. <i>Toxicology in Vitro</i> , 2018 , 46, 294-303	3.6	14

44	Metals and PFAS in stormwater and surface runoff in a semi-arid Canadian city subject to large variations in temperature among seasons. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 18232-18241 ^{5,11,12}	5.1	11
43	Classification of chemicals based on concentration-dependent toxicological data using ToxClust. <i>Environmental Science & Technology</i> , 2009 , 43, 3926-32	10.3	11
42	Accumulation of polychlorinated biphenyls from floodplain soils by passerine birds. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 1503-11	3.8	11
41	Exploring the effects of cooperative interactions on affinity using a pinwheel sensor system. <i>Tetrahedron</i> , 2004 , 60, 11057-11065	2.4	11
40	The use of field-based mesocosm systems to assess the effects of uranium milling effluent on fathead minnow (<i>Pimephales promelas</i>) reproduction. <i>Ecotoxicology</i> , 2011 , 20, 1209-24	2.9	10
39	Developmental and posthatch effects of in ovo exposure to 2,3,7,8-TCDD, 2,3,4,7,8-PECDF, and 2,3,7,8-TCDF in Japanese quail (<i>Coturnix japonica</i>), common pheasant (<i>Phasianus colchicus</i>), and white leghorn chicken (<i>Gallus gallus domesticus</i>) embryos. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1459-68	3.8	10
38	In situ hybridization to detect spatial gene expression in medaka. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1257-64	7	10
37	Bioanalytical and instrumental screening of the uptake of sediment-borne, dioxin-like compounds in roach (<i>Rutilus rutilus</i>). <i>Environmental Science and Pollution Research</i> , 2016 , 23, 12060-74	5.1	10
36	Hydroxylated 2-Ethylhexyl tetrabromobenzoate isomers in house dust and their agonistic potencies with several nuclear receptors. <i>Environmental Pollution</i> , 2017 , 227, 578-586	9.3	9
35	Productivity of tree swallows (<i>Tachycineta bicolor</i>) exposed to PCBs at the Kalamazoo River superfund site. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006 , 69, 395-415 ^{3,2}	3.2	9
34	Comparison of gene expression methods to identify genes responsive to perfluorooctane sulfonic acid. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 19, 153-60	5.8	9
33	Terminology of Gonadal Anomalies in Fish and Amphibians Resulting from Chemical Exposures. <i>Reviews of Environmental Contamination and Toxicology</i> , 2006 , 103-131	3.5	9
32	Exposure and Multiple Lines of Evidence Assessment of Risk for PCBs Found in the Diets of Passerine Birds at the Kalamazoo River Superfund Site, Michigan. <i>Human and Ecological Risk Assessment (HERA)</i> , 2006 , 12, 924-946	4.9	9
31	Abundances and concentrations of brominated azo dyes detected in indoor dust. <i>Environmental Pollution</i> , 2019 , 252, 784-793	9.3	7
30	Vanadium and thallium exhibit biodilution in a northern river food web. <i>Chemosphere</i> , 2019 , 233, 381-386.4	3.4	7
29	Comparison of the Effects of Extraction Techniques on Mass Spectrometry Profiles of Dissolved Organic Compounds in Oil Sand Process-Affected Water. <i>Energy & Fuels</i> , 2019 , 33, 7001-7008	4.1	7
28	Standard purity and response factors of perfluorinated compounds. <i>Toxicological and Environmental Chemistry</i> , 2010 , 92, 1219-1232	1.4	7
27	Sediment TCDD-EQs and EROD and MROD activities in Ranid frogs from agricultural and nonagricultural sites in Michigan (USA). <i>Archives of Environmental Contamination and Toxicology</i> , 2006 , 51, 467-77	3.2	7

26	2,3,7,8-tetrachlorodibenzo-p-dioxin equivalents in tissue samples from three species in the Denver, Colorado, USA, metropolitan area. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2433-2442	3.8	7
25	Effects of the husky oil spill on gut microbiota of native fishes in the North Saskatchewan River, Canada. <i>Aquatic Toxicology</i> , 2020 , 229, 105658	5.1	7
24	Terminology of Gonadal Anomalies in Fish and Amphibians Resulting from Chemical Exposures. <i>Reviews of Environmental Contamination and Toxicology</i> , 2006 , 103-131	3.5	7
23	Toxicokinetics of Brominated Azo Dyes in the Early Life Stages of Zebrafish () Is Prone to Aromatic Substituent Changes. <i>Environmental Science & Technology</i> , 2020 , 54, 4421-4431	10.3	6
22	Sequencing and characterization of mixed function monooxygenase genes CYP1A1 and CYP1A2 of Mink (<i>Mustela vison</i>) to facilitate study of dioxin-like compounds. <i>Toxicology and Applied Pharmacology</i> , 2009 , 234, 306-13	4.6	6
21	The contribution of dioxin-like compounds from platinum mining and processing samples. <i>Minerals Engineering</i> , 2007 , 20, 191-193	4.9	5
20	Use of in vitro microbial assays of sediment extracts to detect and quantify contaminants with similar modes of action. <i>Chemosphere</i> , 1994 , 28, 169-181	8.4	5
19	Evaluating transdisciplinary research practices: insights from social network analysis. <i>Sustainability Science</i> , 2021 , 16, 631-645	6.4	5
18	Ecological patterns of fish distribution in the Slave River Delta region, Northwest Territories, Canada, as relayed by traditional knowledge and Western science. <i>International Journal of Water Resources Development</i> , 2018 , 34, 305-324	3	4
17	Distribution of PCDDs and PCDFs in soils collected from the Denver Front Range--principal components analysis of diffuse dioxin sources. <i>Environmental Science and Pollution Research</i> , 2005 , 12, 189-98	5.1	4
16	Persistent synthetic chlorinated hydrocarbons in albatross tissue samples from midway atoll 1996 , 15, 1793		4
15	Toxaphene and other persistent organochlorine pesticides in three species of albatrosses from the north and south Pacific Ocean. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 413-23	3.8	4
14	Towards indigenous community-led monitoring of fish in the oil sands region of Canada: Lessons at the intersection of cultural consensus and fish science. <i>The Extractive Industries and Society</i> , 2020 , 7, 1319-1329 ⁴	3.2	4
13	Concentrations of Metals in Fishes from the Athabasca and Slave Rivers of Northern Canada. <i>Environmental Toxicology and Chemistry</i> , 2020 , 39, 2180-2195	3.8	4
12	Risk Assessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Equivalents in Tissue Samples from Three Species in the Denver Metropolitan Area. <i>Human and Ecological Risk Assessment (HERA)</i> , 2000 , 6, 1087-1099	4.9	3
11	Responses of juvenile fathead minnow (<i>Pimephales promelas</i>) gut microbiome to a chronic dietary exposure of benzo[a]pyrene. <i>Environmental Pollution</i> , 2021 , 278, 116821	9.3	3
10	Response to Comment on "Mutagenic Azo Dyes, Rather than Flame Retardants, are the Predominant Brominated Compounds in House Dust". <i>Environmental Science & Technology</i> , 2017 , 51, 3591-3592	10.3	2
9	Mechanisms of pH-Dependent Uptake of Ionizable Organic Chemicals by Fish from Oil Sands Process-Affected Water (OSPW). <i>Environmental Science & Technology</i> , 2020 , 54, 9547-9555	10.3	2

8	Open-water and under-ice seasonal variations in trace element content and physicochemical associations in fluvial bed sediment. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 2916-2924	3.8	2
7	Risk assessment methodologies for exposure of great horned owls (<i>Bubo virginianus</i>) to PCBs on the Kalamazoo River, Michigan. <i>Integrated Environmental Assessment and Management</i> , 2008 , 4, 24-40	2.5	2
6	Effects of the brominated flame retardant, TBCO, on development of zebrafish (<i>Danio rerio</i>) embryos. <i>Chemosphere</i> , 2021 , 266, 129195	8.4	2
5	Altered egg size and selenium concentrations during and following exposure of fathead minnows (<i>Pimephales promelas</i>) to an industrial effluent. <i>Integrated Environmental Assessment and Management</i> , 2011 , 7, 504-6	2.5	1
4	The brominated flame retardant, TBCO, impairs oocyte maturation in zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2021 , 238, 105929	5.1	1
3	Toxicokinetic Models for Bioconcentration of Organic Contaminants in Two Life Stages of White Sturgeon (). <i>Environmental Science & Technology</i> , 2021 , 55, 11590-11600	10.3	0
2	Health status of fathead minnow (<i>Pimephales promelas</i>) populations in a municipal wastewater effluent-dominated stream in the Canadian prairies, Wascana Creek, Saskatchewan. <i>Aquatic Toxicology</i> , 2021 , 238, 105933	5.1	0
1	Absorption and elimination of per and poly-fluoroalkyl substances substitutes in salmonid species after pre-fertilization exposure.. <i>Science of the Total Environment</i> , 2021 , 814, 152547	10.2	