Jonathan W Martin

List of Publications by Year
in descending order

208 papers	18,547 citations	11235 73 h-index	16186 128 g-index
211 all docs	211 docs citations	211 times ranked	11241 citing authors

#	Article	IF	Citations
1	Impact of the 2016 Fort McMurray wildfires on atmospheric deposition of polycyclic aromatic hydrocarbons and trace elements to surrounding ombrotrophic bogs. Environment International, 2022, 158, 106910.	4.8	11
2	Nontarget mass spectrometry and in silico molecular characterization of air pollution from the Indian subcontinent. Communications Earth & Environment, 2022, 3, .	2.6	14
3	Prenatal exposure to phthalates and peripheral blood and buccal epithelial DNA methylation in infants: An epigenome-wide association study. Environment International, 2022, 163, 107183.	4.8	14
4	Complex impacts of hydraulic fracturing return fluids on soil microbial community respiration, structure and functional potentials. Environmental Microbiology, 2022, 24, 4108-4123.	1.8	2
5	In Silico Structure Predictions for Non-targeted Analysis: From Physicochemical Properties to Molecular Structures. Journal of the American Society for Mass Spectrometry, 2022, 33, 1134-1147.	1.2	3
6	Postnatal BPA is associated with increasing executive function difficulties in preschool children. Pediatric Research, 2021, 89, 686-693.	1.1	11
7	Effects of prenatal exposure and co-exposure to metallic or metalloid elements on early infant neurodevelopmental outcomes in areas with small-scale gold mining activities in Northern Tanzania. Environment International, 2021, 149, 106104.	4.8	26
8	Nontarget analysis reveals gut microbiome-dependent differences in the fecal PCB metabolite profiles of germ-free and conventional mice. Environmental Pollution, 2021, 268, 115726.	3.7	15
9	Nonâ€target profiling of bitumenâ€influenced waters for the identification of tracers unique to oil sands processedâ€affected water (OSPW) in the Athabasca watershed of Alberta, Canada. Rapid Communications in Mass Spectrometry, 2021, 35, e8984.	0.7	6
10	Environmental Science & Technology Letters Presents the 2020 Excellence in Review Awards. Environmental Science and Technology Letters, 2021, 8, 198-198.	3.9	0
11	Quantity, Quality, and Accessibility: Big Data Collection, Analysis, and Synthesis in Environmental Science and Technology. Environmental Science and Technology Letters, 2021, 8, 287-288.	3.9	3
12	Differential protein expression during growth on model and commercial mixtures of naphthenic acids in Pseudomonas fluorescens Pfâ€5. MicrobiologyOpen, 2021, 10, e1196.	1.2	7
13	COVID-19 and Beyond: Our Selections for the Best ES&T Letters Papers in 2020. Environmental Science and Technology Letters, 2021, 8, 604-605.	3.9	0
14	Defining the Scope of Exposome Studies and Research Needs from a Multidisciplinary Perspective. Environmental Science and Technology Letters, 2021, 8, 839-852.	3.9	55
15	Interaction of prenatal bisphenols, maternal nutrients, and toxic metal exposures on neurodevelopment of 2-year-olds in the APrON cohort. Environment International, 2021, 155, 106601.	4.8	14
16	Suspended solids-associated toxicity of hydraulic fracturing flowback and produced water on early life stages of zebrafish (Danio rerio). Environmental Pollution, 2021, 287, 117614.	3.7	8
17	Revisiting old lessons from classic literature on persistent global pollutants. Ambio, 2021, 50, 534-538.	2.8	4
18	Understanding the effects of hydraulic fracturing flowback and produced water (FPW) to the aquatic invertebrate, Lumbriculus variegatus under various exposure regimes. Environmental Pollution, 2020, 259, 113889.	3.7	19

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19	White matter microstructure mediates the association between prenatal exposure to phthalates and behavior problems in preschool children. Environmental Research, 2020, 182, 109093.	3.7	17
20	Similar names, different results: Consistency of the associations between prenatal exposure to phthalates and parent-ratings of behavior problems in preschool children. Environment International, 2020, 142, 105892.	4.8	22
21	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): letâ€™s cooperate!. Environmental Sciences Europe, 2020, 32, .	2.6	46
22	Effects of chemical fractions from an oil sands end-pit lake on reproduction of fathead minnows. Chemosphere, 2020, 249, 126073.	4.2	7
23	Maternal exposure to arsenic and mercury and associated risk of adverse birth outcomes in small-scale gold mining communities in Northern Tanzania. Environment International, 2020, 137, 105450.	4.8	37
24	Photodegradation of bitumen-derived organics in oil sands process-affected water. Environmental Sciences: Processes and Impacts, 2020, 22, 1243-1255.	1.7	2
25	Nontarget profiling of organic compounds in a temporal series of hydraulic fracturing flowback and produced waters. Environment International, 2019, 131, 104944.	4.8	36
26	Neurodevelopmental and Metabolomic Responses from Prenatal Coexposure to Perfluorooctanesulfonate (PFOS) and Methylmercury (MeHg) in Sprague–Dawley Rats. Chemical Research in Toxicology, 2019, 32, 1656-1669.	1.7	25
27	Prenatal maternal and childhood bisphenol a exposure and brain structure and behavior of young children. Environmental Health, 2019, 18, 85.	1.7	50
28	Atmospheric perfluoroalkyl acid occurrence and isomer profiles in Beijing, China. Environmental Pollution, 2019, 255, 113129.	3.7	16
29	Toxicity in aquatic model species exposed to a temporal series of three different flowback and produced water samples collected from a horizontal hydraulically fractured well. Ecotoxicology and Environmental Safety, 2019, 180, 600-609.	2.9	35
30	Comparison of Bisphenol A and Bisphenol S Percutaneous Absorption and Biotransformation. Environmental Health Perspectives, 2019, 127, 67008.	2.8	29
31	Longitudinal analysis reveals early-pregnancy associations between perfluoroalkyl sulfonates and thyroid hormone status in a Canadian prospective birth cohort. Environment International, 2019, 129, 389-399.	4.8	31
32	Temporal Changes in Microbial Community Composition and Geochemistry in Flowback and Produced Water from the Duvernay Formation. ACS Earth and Space Chemistry, 2019, 3, 1047-1057.	1.2	31
33	Validation of Dried Blood Spots for Maternal Biomonitoring of Nonessential Elements in an Artisanal and Smallâ€Scale Gold Mining Area of Tanzania. Environmental Toxicology and Chemistry, 2019, 38, 1285-1293.	2.2	24
34	Maternal exposure to arsenic and mercury in small-scale gold mining areas of Northern Tanzania. Environmental Research, 2019, 173, 432-442.	3.7	37
35	High-resolution mass spectrometry (HRMS) methods for nontarget discovery and characterization of poly- and per-fluoroalkyl substances (PFASs) in environmental and human samples. TrAC - Trends in Analytical Chemistry, 2019, 121, 115420.	5.8	164
36	Association of pre-pregnancy BMI and gestational weight gain with fat mass distribution and accretion during pregnancy and early postpartum: a prospective study of Albertan women. BMJ Open, 2019, 9, e026908.	0.8	22

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37	Assessment of impacts of diphenyl phosphate on groundwater and near-surface environments: Sorption and toxicity. Journal of Contaminant Hydrology, 2019, 221, 50-57.	1.6	16
38	What is the effect of phasing out long-chain per- and polyfluoroalkyl substances on the concentrations of perfluoroalkyl acids and their precursors in the environment? A systematic review. Environmental Evidence, 2018, 7, .	1.1	132
39	Nontarget Mass Spectrometry Reveals New Perfluoroalkyl Substances in Fish from the Yangtze River and Tangxun Lake, China. Environmental Science & Technology, 2018, 52, 5830-5840.	4.6	81
40	Developmental Toxicity of the Organic Fraction from Hydraulic Fracturing Flowback and Produced Waters to Early Life Stages of Zebrafish (Danio rerio). Environmental Science & Technology, 2018, 52, 3820-3830.	4.6	66
41	Hundreds of Unrecognized Halogenated Contaminants Discovered in Polar Bear Serum. Angewandte Chemie, 2018, 130, 16639-16644.	1.6	1
42	Comparison of polycyclic aromatic compounds in air measured by conventional passive air samplers and passive dry deposition samplers and contributions from petcoke and oil sands ore. Atmospheric Chemistry and Physics, 2018, 18, 9161-9171.	1.9	32
43	Hundreds of Unrecognized Halogenated Contaminants Discovered in Polar Bear Serum. Angewandte Chemie - International Edition, 2018, 57, 16401-16406.	7.2	107
44	In vitro assessment of endocrine disrupting potential of organic fractions extracted from hydraulic fracturing flowback and produced water (HF-FPW). Environment International, 2018, 121, 824-831.	4.8	19
45	Air synthesis review: polycyclic aromatic compounds in the oil sands region. Environmental Reviews, 2018, 26, 430-468.	2.1	58
46	Exposure and dietary sources of bisphenol A (BPA) and BPA-alternatives among mothers in the APrON cohort study. Environment International, 2018, 119, 319-326.	4.8	76
47	Bisphenol A Metabolites and Bisphenol S in Paired Maternal and Cord Serum. Environmental Science & Technology, 2017, 51, 2456-2463.	4.6	113
48	Chemical and toxicological characterizations of hydraulic fracturing flowback and produced water. Water Research, 2017, 114, 78-87.	5.3	119
49	Accumulation of Perfluoroalkylated Substances in Oceanic Plankton. Environmental Science & Technology, 2017, 51, 2766-2775.	4.6	78
50	Screening of genotoxicity and mutagenicity in extractable organics from oil sands processâ€“affected water. Environmental Toxicology and Chemistry, 2017, 36, 1397-1404.	2.2	5
51	Athabasca Oil Sands Petcoke Extract Elicits Biochemical and Transcriptomic Effects in Avian Hepatocytes. Environmental Science & Technology, 2017, 51, 5783-5792.	4.6	18
52	Heterocyclic Aromatics in Petroleum Coke, Snow, Lake Sediments, and Air Samples from the Athabasca Oil Sands Region. Environmental Science & Technology, 2017, 51, 5445-5453.	4.6	67
53	Airborne Precursors Predict Maternal Serum Perfluoroalkyl Acid Concentrations. Environmental Science & Technology, 2017, 51, 7667-7675.	4.6	38
54	Effects on Biotransformation, Oxidative Stress, and Endocrine Disruption in Rainbow Trout (Oncorhynchus mykiss) Exposed to Hydraulic Fracturing Flowback and Produced Water. Environmental Science & Technology, 2017, 51, 940-947.	4.6	54

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55	Pesticide exposures and respiratory health in general populations. Journal of Environmental Sciences, 2017, 51, 361-370.	3.2	81
56	Elucidating mechanisms of toxic action of dissolved organic chemicals in oil sands process-affected water (OSPW). Chemosphere, 2017, 186, 893-900.	4.2	22
57	Characterization of Naphthenic Acids and Other Dissolved Organics in Natural Water from the Athabasca Oil Sands Region, Canada. Environmental Science & Technology, 2017, 51, 9524-9532.	4.6	59
58	Prolonged Exposure to Bisphenol A from Single Dermal Contact Events. Environmental Science & Technology, 2017, 51, 9940-9949.	4.6	73
59	Role of Snow Deposition of Perfluoroalkylated Substances at Coastal Livingston Island (Maritime) Tj ETQq1 1 0.784314 rgBT /Overloc	4.6	68
60	Prenatal bisphenol a exposure and dysregulation of infant hypothalamic-pituitary-adrenal axis function: findings from the APrON cohort study. Environmental Health, 2017, 16, 47.	1.7	26
61	Stream invertebrate community structure at Canadian oil sands development is linked to concentration of bitumen-derived contaminants. Science of the Total Environment, 2017, 575, 1005-1013.	3.9	26
62	Urinary Dialkyl Phosphate Concentrations and Lung Function Parameters in Adolescents and Adults: Results from the Canadian Health Measures Survey. Environmental Health Perspectives, 2016, 124, 491-497.	2.8	22
63	The Spotting Distribution of Wildfires. Applied Sciences (Switzerland), 2016, 6, 177.	1.3	38
64	Urinary concentrations of pyrethroid metabolites and its association with lung function in a Canadian general population. Occupational and Environmental Medicine, 2016, 73, 119-126.	1.3	36
65	Effect of Lipid Partitioning on Predictions of Acute Toxicity of Oil Sands Process Affected Water to Embryos of Fathead Minnow (Pimephales promelas). Environmental Science & Technology, 2016, 50, 8858-8866.	4.6	26
66	Urinary bisphenol A is associated with dysregulation of HPA-axis function in pregnant women: Findings from the APrON cohort study. Environmental Research, 2016, 151, 689-697.	3.7	23
67	Bioconcentration of Dissolved Organic Compounds from Oil Sands Process-Affected Water by Medaka (Oryzias latipes): Importance of Partitioning to Phospholipids. Environmental Science & Technology, 2016, 50, 6574-6582.	4.6	26
68	Isomerâ€“Specific Distribution of Perfluoroalkyl Substances in Blood. Environmental Science & Technology, 2016, 50, 7808-7815.	4.6	59
69	Airborne Petcoke Dust is a Major Source of Polycyclic Aromatic Hydrocarbons in the Athabasca Oil Sands Region. Environmental Science & Technology, 2016, 50, 1711-1720.	4.6	109
70	Inhibition of ABC transport proteins by oil sands process affected water. Aquatic Toxicology, 2016, 170, 81-88.	1.9	31
71	What is the effect of phasing out long-chain per- and polyfluoroalkyl substances on the concentrations of perfluoroalkyl acids and their precursors in the environment? A systematic review protocol. Environmental Evidence, 2015, 4, .	1.1	40
72	Exploring the complexity of oil sands processâ€affected water by high efficiency supercritical fluid chromatography/orbitrap mass spectrometry. Rapid Communications in Mass Spectrometry, 2015, 29, 735-744.	0.7	36

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73	The Challenge: Safe release and reintegration of oil sands processâ€affected water. Environmental Toxicology and Chemistry, 2015, 34, 2682-2682.	2.2	25
74	In Summary. Environmental Toxicology and Chemistry, 2015, 34, 2685-2686.	2.2	2
75	Isomer-Specific Binding Affinity of Perfluorooctanesulfonate (PFOS) and Perfluorooctanoate (PFOA) to Serum Proteins. Environmental Science & Technology, 2015, 49, 5722-5731.	4.6	158
76	Effects-Directed Analysis of Dissolved Organic Compounds in Oil Sands Process-Affected Water. Environmental Science & Technology, 2015, 49, 12395-12404.	4.6	132
77	Temporal trends of perfluorooctanesulfonate isomer and enantiomer patterns in archived Swedish and American serum samples. Environment International, 2015, 75, 215-222.	4.8	33
78	Associations between dietary factors and urinary concentrations of organophosphate and pyrethroid metabolites in a Canadian general population. International Journal of Hygiene and Environmental Health, 2015, 218, 616-626.	2.1	57
79	Estimates of Octanolâ€“Water Partitioning for Thousands of Dissolved Organic Species in Oil Sands Process-Affected Water. Environmental Science & Technology, 2015, 49, 8907-8913.	4.6	36
80	Association between Lung Function in Adults and Plasma DDT and DDE Levels: Results from the Canadian Health Measures Survey. Environmental Health Perspectives, 2015, 123, 422-427.	2.8	20
81	Effects of Ozone and Ozone/Hydrogen Peroxide on the Degradation of Model and Real Oil-Sands-Process-Affected-Water Naphthenic Acids. Ozone: Science and Engineering, 2015, 37, 45-54.	1.4	40
82	Sexually dimorphic adaptations in basal maternal stress physiology during pregnancy and implications for fetal development. Psychoneuroendocrinology, 2015, 56, 168-178.	1.3	36
83	Isomer Profiles of Perfluoroalkyl Substances in Water and Soil Surrounding a Chinese Fluorochemical Manufacturing Park. Environmental Science & Technology, 2015, 49, 4946-4954.	4.6	118
84	Discovery of C₅â€“C₁₇ Poly- and Perfluoroalkyl Substances in Water by In-Line SPE-HPLC-Orbitrap with In-Source Fragmentation Flagging. Analytical Chemistry, 2015, 87, 4260-4268.	3.2	162
85	Mass spectral characterisation of a polar, esterified fraction of an organic extract of an oil sands process water. Rapid Communications in Mass Spectrometry, 2014, 28, 2352-2362.	0.7	29
86	The Alberta Pregnancy Outcomes and Nutrition (APrON) cohort study: rationale and methods. Maternal and Child Nutrition, 2014, 10, 44-60.	1.4	146
87	Estimated emissions of chlorofluorocarbons, hydrochlorofluorocarbons, and hydrofluorocarbons based on an interspecies correlation method in the Pearl River Delta region, China. Science of the Total Environment, 2014, 470-471, 829-834.	3.9	31
88	Airborne Trifluoroacetic Acid and Its Fraction from the Degradation of HFC-134a in Beijing, China. Environmental Science & Technology, 2014, 48, 3675-3681.	4.6	42
89	Associations between Perfluoroalkyl acids (PFASs) and maternal thyroid hormones in early pregnancy: A population-based cohort study. Environmental Research, 2014, 133, 338-347.	3.7	107
90	Response to Comment on â€œAirborne Trifluoroacetic Acid and Its Fraction from the Degradation of HFC-134a in Beijing, Chinaâ€³. Environmental Science & Technology, 2014, 48, 9949-9949.	4.6	1

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91	Phlebotomy Treatment for Elimination of Perfluoroalkyl Acids in a Highly Exposed Family: A Retrospective Case-Series. PLoS ONE, 2014, 9, e114295.	1.1	13
92	Chemical fingerprinting of naphthenic acids and oil sands process watersâ€"A review of analytical methods for environmental samples. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 1145-1163.	0.9	103
93	Indigenous microbes survive in situ ozonation improving biodegradation of dissolved organic matter in aged oil sands process-affected waters. Chemosphere, 2013, 93, 2748-2755.	4.2	18
94	Transcriptional responses of male fathead minnows exposed to oil sands process-affected water. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2013, 157, 227-235.	1.3	44
95	Impact of Ozonation on Naphthenic Acids Speciation and Toxicity of Oil Sands Process-Affected Water to Vibrio fischeri and Mammalian Immune System. Environmental Science & Technology, 2013, 47, 6518-6526.	4.6	111
96	Isomers of perfluorooctanesulfonate and perfluorooctanoate and total perfluoroalkyl acids in human serum from two cities in North China. Environment International, 2013, 53, 9-17.	4.8	90
97	Characterization of Oil Sands Process-Affected Waters by Liquid Chromatography Orbitrap Mass Spectrometry. Environmental Science & Technology, 2013, 47, 5504-5513.	4.6	105
98	Potential for in situ chemical oxidation of acid extractable organics in oil sands process affected groundwater. Chemosphere, 2013, 93, 2698-2703.	4.2	17
99	Biomonitoring of Perfluoroalkyl Acids in Human Urine and Estimates of Biological Half-Life. Environmental Science & Technology, 2013, 47, 10619-10627.	4.6	368
100	Selective biodegradation of naphthenic acids and a probable link between mixture profiles and aquatic toxicity. Environmental Toxicology and Chemistry, 2013, 32, 2207-2216.	2.2	37
101	Progress toward understanding the bioaccumulation of perfluorinated alkyl acids. Environmental Toxicology and Chemistry, 2013, 32, 2421-2423.	2.2	40
102	Ozonation degrades all detectable organic compound classes in oil sands processâ€affected water; an application of highâ€performance liquid chromatography/obitrap mass spectrometry. Rapid Communications in Mass Spectrometry, 2013, 27, 2317-2326.	0.7	44
103	Occupational Pesticide Exposures and Respiratory Health. International Journal of Environmental Research and Public Health, 2013, 10, 6442-6471.	1.2	162
104	Maternal Exposure to Bisphenol-A and Fetal Growth Restriction: A Case-Referent Study. International Journal of Environmental Research and Public Health, 2013, 10, 7001-7014.	1.2	14
105	Toxicity of untreated and ozone-treated oil sands process-affected water (OSPW) to early life stages of the fathead minnow (Pimephales promelas). Water Research, 2012, 46, 6359-6368.	5.3	128
106	Isomer-Specific Biotransformation of Perfluorooctane Sulfonamide in Sprague–Dawley Rats. Environmental Science & Technology, 2012, 46, 3196-3203.	4.6	60
107	Effectiveness of Ozonation Treatment in Eliminating Toxicity of Oil Sands Process-Affected Water to Chironomus dilutus. Environmental Science & Technology, 2012, 46, 486-493.	4.6	77
108	Manufacturing Origin of Perfluorooctanoate (PFOA) in Atlantic and Canadian Arctic Seawater. Environmental Science & Technology, 2012, 46, 677-685.	4.6	62

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109	Transcriptional Responses of the Brainâ€“Gonadâ€“Liver Axis of Fathead Minnows Exposed to Untreated and Ozone-Treated Oil Sands Process-Affected Water. Environmental Science & Technology, 2012, 46, 9701-9708.	4.6	68
110	The acute and sub-chronic exposures of goldfish to naphthenic acids induce different host defense responses. Aquatic Toxicology, 2012, 109, 143-149.	1.9	52
111	Quantitative and Qualitative Analysis of Naphthenic Acids in Natural Waters Surrounding the Canadian Oil Sands Industry. Environmental Science & Technology, 2012, 46, 12796-12805.	4.6	109
112	Enantiospecific Perfluorooctane Sulfonate (PFOS) Analysis Reveals Evidence for the Source Contribution of PFOS-Precursors to the Lake Ontario Foodweb. Environmental Science & Technology, 2012, 46, 7653-7660.	4.6	53
113	Perfluoroalkyl Acids in the Atlantic and Canadian Arctic Oceans. Environmental Science & Technology, 2012, 46, 5815-5823.	4.6	136
114	Exceptionally High Serum Concentrations of Perfluorohexanesulfonate in a Canadian Family are Linked to Home Carpet Treatment Applications. Environmental Science & Technology, 2012, 46, 12960-12967.	4.6	102
115	Impact of Peroxydisulfate in the Presence of Zero Valent Iron on the Oxidation of Cyclohexanoic Acid and Naphthenic Acids from Oil Sands Process-Affected Water. Environmental Science & Technology, 2012, 46, 8984-8991.	4.6	114
116	Effect of Molecular Structure on the Relative Reactivity of Naphthenic Acids in the UV/H₂O₂ Advanced Oxidation Process. Environmental Science & Technology, 2012, 46, 10727-10734.	4.6	62
117	Commercial naphthenic acids and the organic fraction of oil sands process water induce different effects on proâ€inflammatory gene expression and macrophage phagocytosis in mice. Journal of Applied Toxicology, 2012, 32, 968-979.	1.4	31
118	Decomposition of cyclohexanoic acid by the UV/H2O2 process under various conditions. Science of the Total Environment, 2012, 426, 387-392.	3.9	50
119	Effect of Ozonation on the Estrogenicity and Androgenicity of Oil Sands Process-Affected Water. Environmental Science & Technology, 2011, 45, 6268-6274.	4.6	77
120	Source Elucidation of Perfluorinated Carboxylic Acids in Remote Alpine Lake Sediment Cores. Environmental Science & Technology, 2011, 45, 7188-7194.	4.6	61
121	The Impact of Metallic Coagulants on the Removal of Organic Compounds from Oil Sands Process-Affected Water. Environmental Science & Technology, 2011, 45, 8452-8459.	4.6	103
122	Structureâ€“Reactivity of Naphthenic Acids in the Ozonation Process. Environmental Science & Technology, 2011, 45, 7431-7437.	4.6	80
123	Perfluorinated acids and hypothyroxinemia in pregnant women. Environmental Research, 2011, 111, 559-564.	3.7	55
124	Ozone treatment ameliorates oil sands process water toxicity to the mammalian immune system. Water Research, 2011, 45, 5849-5857.	5.3	57
125	Commercial naphthenic acids and the organic fraction of oil sands process water downregulate pro-inflammatory gene expression and macrophage antimicrobial responses. Toxicology Letters, 2011, 203, 62-73.	0.4	48
126	Enantiomer Fractions of Chiral Perfluorooctanesulfonate (PFOS) in Human Sera. Environmental Science & Technology, 2011, 45, 8907-8914.	4.6	20

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127	Isomer Profiles of Perfluorochemicals in Matched Maternal, Cord, and House Dust Samples: Manufacturing Sources and Transplacental Transfer. Environmental Health Perspectives, 2011, 119, 1659-1664.	2.8	161
128	Naphthenic acids speciation and removal during petroleum-coke adsorption and ozonation of oil sands process-affected water. Science of the Total Environment, 2011, 409, 5119-5125.	3.9	143
129	Decomposition of a Model Naphthenic Acid, Cyclohexanoic Acid by Advanced Oxidation Processes. , 2011, , .		0
130	Perfluorooctane sulfonate toxicity, isomerâ€specific accumulation, and maternal transfer in zebrafish (Danio rerio) and rainbow trout (Oncorhynchus mykiss). Environmental Toxicology and Chemistry, 2010, 29, 1957-1966.	2.2	96
131	Maternal exposure to perfluorinated acids and fetal growth. Journal of Exposure Science and Environmental Epidemiology, 2010, 20, 589-597.	1.8	115
132	Ozonation of Oil Sands Process-Affected Water Accelerates Microbial Bioremediation. Environmental Science & Technology, 2010, 44, 8350-8356.	4.6	129
133	Perfluorinated Acid Isomer Profiling in Water and Quantitative Assessment of Manufacturing Source. Environmental Science & Technology, 2010, 44, 9049-9054.	4.6	116
134	Degradation of a Model Naphthenic Acid, Cyclohexanoic Acid, by Vacuum UV (172 nm) and UV (254) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	49
135	Biomonitoring of perfluorochemicals and toxicity to the downstream fish community of Etobicoke Creek following deployment of aqueous film-forming foam. Aquatic Toxicology, 2010, 98, 120-129.	1.9	61
136	Ozonation attenuates the steroidogenic disruptive effects of sediment free oil sands process water in the H295R cell line. Chemosphere, 2010, 80, 578-584.	4.2	74
137	PFOS or PreFOS? Are perfluorooctane sulfonate precursors (PreFOS) important determinants of human and environmental perfluorooctane sulfonate (PFOS) exposure?. Journal of Environmental Monitoring, 2010, 12, 1979.	2.1	243
138	Isomer Profiling of Perfluorinated Substances as a Tool for Source Tracking: A Review of Early Findings and Future Applications. Reviews of Environmental Contamination and Toxicology, 2010, 208, 111-160.	0.7	63
139	The Impact of Isolated Maternal Hypothyroxinemia on Perinatal Morbidity. Journal of Obstetrics and Gynaecology Canada, 2009, 31, 1015-1021.	0.3	35
140	Reproductive and Developmental Toxicity of a Pentabrominated Diphenyl Ether Mixture, DE-71, to Ranch Mink (Mustela vison) and Hazard Assessment for Wild Mink in the Great Lakes Region. Toxicological Sciences, 2009, 110, 107-116.	1.4	50
141	Bioactivation of fluorotelomer alcohols in isolated rat hepatocytes. Chemico-Biological Interactions, 2009, 177, 196-203.	1.7	44
142	Aquatic plantâ€derived changes in oil sands naphthenic acid signatures determined by lowâ€, highâ€and ultrahighâ€resolution mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 515-522.	0.7	78
143	Endogenous highâ€performance liquid chromatography/tandem mass spectrometry interferences and the case of perfluorohexane sulfonate (PFHxS) in human serum; are we overestimating exposure?. Rapid Communications in Mass Spectrometry, 2009, 23, 1405-1410.	0.7	36
144	Disposition of perfluorinated acid isomers in sprague€dawley rats; Part 1: Single dose. Environmental Toxicology and Chemistry, 2009, 28, 542-554.	2.2	150

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145	Disposition of perfluorinated acid isomers in sprague€dawley rats; Part 2: Subchronic dose. Environmental Toxicology and Chemistry, 2009, 28, 555-567.	2.2	106
146	Chiral Polychlorinated Biphenyls Are Biotransformed Enantioselectively by Mammalian Cytochrome P-450 Isozymes to Form Hydroxylated Metabolites. Environmental Science & Technology, 2009, 43, 114-121.	4.6	83
147	Branched Perfluorooctane Sulfonate Isomer Quantification and Characterization in Blood Serum Samples by HPLC/ESI-MS(/MS). Environmental Science & Technology, 2009, 43, 7902-7908.	4.6	93
148	Modeling the Global Fate and Transport of Perfluorooctane Sulfonate (PFOS) and Precursor Compounds in Relation to Temporal Trends in Wildlife Exposure. Environmental Science & Technology, 2009, 43, 9274-9280.	4.6	158
149	Estimating the in situ biodegradation of naphthenic acids in oil sands process waters by HPLC/HRMS. Chemosphere, 2009, 76, 63-70.	4.2	186
150	Isomer-Specific Biotransformation Rates of a Perfluorooctane Sulfonate (PFOS)-Precursor by Cytochrome P450 Isozymes and Human Liver Microsomes. Environmental Science & Technology, 2009, 43, 8566-8572.	4.6	102
151	Perfluorooctane Sulfonate (PFOS) Precursors Can Be Metabolized Enantioselectively: Principle for a New PFOS Source Tracking Tool. Environmental Science & Technology, 2009, 43, 8283-8289.	4.6	35
152	Comparison of high€and low€resolution electrospray ionization mass spectrometry for the analysis of naphthenic acid mixtures in oil sands process water. Rapid Communications in Mass Spectrometry, 2008, 22, 1919-1924.	0.7	93
153	Dietary accumulation, disposition, and metabolism of technical pentabrominated diphenyl ether (DE€71) in pregnant mink (Mustela vison) and their offspring. Environmental Toxicology and Chemistry, 2008, 27, 1184-1193.	2.2	23
154	Bioactive Contaminants Leach from Disposable Laboratory Plasticware. Science, 2008, 322, 917-917.	6.0	189
155	Contribution of Volatile Precursor Substances to the Flux of Perfluorooctanoate to the Arctic. Environmental Science & Technology, 2008, 42, 3710-3716.	4.6	123
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157	Influence of Molecular Structure on the Biodegradability of Naphthenic Acids. Environmental Science & Technology, 2008, 42, 1290-1295.	4.6	158
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