Jonathan W Martin

List of Publications by Year
in descending order

208 papers	18,547 citations	9786 73 h-index	14208 128 g-index
211 all docs	211 docs citations	211 times ranked	10193 citing authors

#	Article	IF	Citations
1	Biological Monitoring of Polyfluoroalkyl Substances:Â A Review. Environmental Science & Technology, 2006, 40, 3463-3473.	10.0	1,083
2	Degradation of Fluorotelomer Alcohols:Â A Likely Atmospheric Source of Perfluorinated Carboxylic Acids. Environmental Science & Technology, 2004, 38, 3316-3321.	10.0	818
3	Bioconcentration and tissue distribution of perfluorinated acids in rainbow trout (Oncorhynchus mykiss). Environmental Toxicology and Chemistry, 2003, 22, 196-204.	4.3	782
4	Identification of Long-Chain Perfluorinated Acids in Biota from the Canadian Arctic. Environmental Science & Technology, 2004, 38, 373-380.	10.0	619
5	Monitoring Perfluorinated Surfactants in Biota and Surface Water Samples Following an Accidental Release of Fire-Fighting Foam into Etobicoke Creek. Environmental Science & Technology, 2002, 36, 545-551.	10.0	486
6	Perfluoroalkyl Contaminants in a Food Web from Lake Ontario. Environmental Science & Technology, 2004, 38, 5379-5385.	10.0	460
7	Dietary accumulation of perfluorinated acids in juvenile rainbow trout (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	4.3	373
8	Biomonitoring of Perfluoroalkyl Acids in Human Urine and Estimates of Biological Half-Life. Environmental Science & Technology, 2013, 47, 10619-10627.	10.0	368
9	Collection of Airborne Fluorinated Organics and Analysis by Gas Chromatography/Chemical Ionization Mass Spectrometry. Analytical Chemistry, 2002, 74, 584-590.	6.5	294
10	Atmospheric Chemistry of Perfluoroalkanesulfonamides:Â Kinetic and Product Studies of the OH Radical and Cl Atom Initiated Oxidation ofN-Ethyl Perfluorobutanesulfonamide. Environmental Science & Technology, 2006, 40, 864-872.	10.0	291
11	Thermolysis of fluoropolymers as a potential source of halogenated organic acids in the environment. Nature, 2001, 412, 321-324.	27.8	283
12	Formation of C7F15COOH (PFOA) and Other Perfluorocarboxylic Acids during the Atmospheric Oxidation of 8:2 Fluorotelomer Alcohol. Environmental Science & Technology, 2006, 40, 924-930.	10.0	258
13	Polyfluorinated Telomer Alcohols and Sulfonamides in the North American Troposphere. Environmental Science & Technology, 2004, 38, 991-996.	10.0	248
14	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
15	Determination of Perfluorinated Surfactants in Surface Water Samples by Two Independent Analytical Techniques:Â Liquid Chromatography/Tandem Mass Spectrometry and19F NMR. Analytical Chemistry, 2001, 73, 2200-2206.	6.5	233
16	Atmospheric Lifetime of Fluorotelomer Alcohols. Environmental Science & Technology, 2003, 37, 3816-3820.	10.0	221
17	Simultaneous Characterization of Perfluoroalkyl Carboxylate, Sulfonate, and Sulfonamide Isomers by Liquid Chromatographyâ^'Tandem Mass Spectrometry. Analytical Chemistry, 2007, 79, 6455-6464.	6.5	213
18	Metabolic products and pathways of fluorotelomer alcohols in isolated rat hepatocytes. Chemico-Biological Interactions, 2005, 155, 165-180.	4.0	210

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19	Peer Reviewed: Analytical Challenges Hamper Perfluoroalkyl Research. Environmental Science & Technology, 2004, 38, 248A-255A.	10.0	201
20	Bioactive Contaminants Leach from Disposable Laboratory Plasticware. Science, 2008, 322, 917-917.	12.6	189
21	Estimating the in situ biodegradation of naphthenic acids in oil sands process waters by HPLC/HRMS. Chemosphere, 2009, 76, 63-70.	8.2	186
22	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.	11.4	164
23	Occupational Pesticide Exposures and Respiratory Health. International Journal of Environmental Research and Public Health, 2013, 10, 6442-6471.	2.6	162
24	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.	6.5	162
25	Isomer Profiles of Perfluorochemicals in Matched Maternal, Cord, and House Dust Samples: Manufacturing Sources and Transplacental Transfer. Environmental Health Perspectives, 2011, 119, 1659-1664.	6.0	161
26	Circumpolar Study of Perfluoroalkyl Contaminants in Polar Bears (Ursus maritimus). Environmental Science & Technology, 2005, 39, 5517-5523.	10.0	159
27	Influence of Molecular Structure on the Biodegradability of Naphthenic Acids. Environmental Science & Technology, 2008, 42, 1290-1295.	10.0	158
28	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.	10.0	158
29	Isomer-Specific Binding Affinity of Perfluorooctanesulfonate (PFOS) and Perfluorooctanoate (PFOA) to Serum Proteins. Environmental Science & Technology, 2015, 49, 5722-5731.	10.0	158
30	Disposition of perfluorinated acid isomers in sprague€dawley rats; Part 1: Single dose. Environmental Toxicology and Chemistry, 2009, 28, 542-554.	4.3	150
31	The Alberta Pregnancy Outcomes and Nutrition (APrON) cohort study: rationale and methods. Maternal and Child Nutrition, 2014, 10, 44-60.	3.0	146
32	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.	8.0	143
33	Perfluoroalkyl Acids in the Atlantic and Canadian Arctic Oceans. Environmental Science & Technology, 2012, 46, 5815-5823.	10.0	136
34	DIETARY ACCUMULATION OF PERFLUORINATED ACIDS IN JUVENILE RAINBOW TROUT (ONCORHYNCHUS) Tj ETQq0 0 0 rgBT /Overlock	4.3	136
35	Effects-Directed Analysis of Dissolved Organic Compounds in Oil Sands Process-Affected Water. Environmental Science & Technology, 2015, 49, 12395-12404.	10.0	132
36	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, .	2.7	132

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37	Ozonation of Oil Sands Process-Affected Water Accelerates Microbial Bioremediation. Environmental Science & Technology, 2010, 44, 8350-8356.	10.0	129
38	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.	11.3	128
39	Capillary HPLC/QTOF-MS for Characterizing Complex Naphthenic Acid Mixtures and Their Microbial Transformation.. Analytical Chemistry, 2006, 78, 8354-8361.	6.5	127
40	Contribution of Volatile Precursor Substances to the Flux of Perfluorooctanoate to the Arctic. Environmental Science & Technology, 2008, 42, 3710-3716.	10.0	123
41	Chemical and toxicological characterizations of hydraulic fracturing flowback and produced water. Water Research, 2017, 114, 78-87.	11.3	119
42	Isomer Profiles of Perfluoroalkyl Substances in Water and Soil Surrounding a Chinese Fluorochemical Manufacturing Park. Environmental Science & Technology, 2015, 49, 4946-4954.	10.0	118
43	Perfluorinated Acid Isomer Profiling in Water and Quantitative Assessment of Manufacturing Source. Environmental Science & Technology, 2010, 44, 9049-9054.	10.0	116
44	Maternal exposure to perfluorinated acids and fetal growth. Journal of Exposure Science and Environmental Epidemiology, 2010, 20, 589-597.	3.9	115
45	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.	10.0	114
46	Bisphenol A Metabolites and Bisphenol S in Paired Maternal and Cord Serum. Environmental Science & Technology, 2017, 51, 2456-2463.	10.0	113
47	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.	10.0	111
48	Perfluoroalkyl contaminants in liver tissue from East Greenland polar bears (Ursus maritimus). Environmental Toxicology and Chemistry, 2005, 24, 981-986.	4.3	109
49	Quantitative and Qualitative Analysis of Naphthenic Acids in Natural Waters Surrounding the Canadian Oil Sands Industry. Environmental Science & Technology, 2012, 46, 12796-12805.	10.0	109
50	Airborne Petcoke Dust is a Major Source of Polycyclic Aromatic Hydrocarbons in the Athabasca Oil Sands Region. Environmental Science & Technology, 2016, 50, 1711-1720.	10.0	109
51	Associations between Perfluoroalkyl acids (PFASs) and maternal thyroid hormones in early pregnancy: A population-based cohort study. Environmental Research, 2014, 133, 338-347.	7.5	107
52	Hundreds of Unrecognized Halogenated Contaminants Discovered in Polar Bear Serum. Angewandte Chemie - International Edition, 2018, 57, 16401-16406.	13.8	107
53	Disposition of perfluorinated acid isomers in sprague€dawley rats; Part 2: Subchronic dose. Environmental Toxicology and Chemistry, 2009, 28, 555-567.	4.3	106
54	Characterization of Oil Sands Process-Affected Waters by Liquid Chromatography Orbitrap Mass Spectrometry. Environmental Science & Technology, 2013, 47, 5504-5513.	10.0	105

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55	The Impact of Metallic Coagulants on the Removal of Organic Compounds from Oil Sands Process-Affected Water. Environmental Science & Technology, 2011, 45, 8452-8459.	10.0	103
56	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.	1.7	103
57	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.	10.0	102
58	Exceptionally High Serum Concentrations of Perfluorohexanesulfonate in a Canadian Family are Linked to Home Carpet Treatment Applications. Environmental Science & Technology, 2012, 46, 12960-12967.	10.0	102
59	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.	4.3	96
60	SHORT-TERM EXPOSURES OF FISH TO PERFLUOROOCTANE SULFONATE: ACUTE EFFECTS ON FATTY ACYLâ€"COA OXIDASE ACTIVITY, OXIDATIVE STRESS, AND CIRCULATING SEX STEROIDS. Environmental Toxicology and Chemistry, 2005, 24, 1172.	4.3	95
61	Comparison of highâ€•and lowâ€•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.	1.5	93
62	Branched Perfluorooctane Sulfonate Isomer Quantification and Characterization in Blood Serum Samples by HPLC/ESI-MS(/MS). Environmental Science & Technology, 2009, 43, 7902-7908.	10.0	93
63	Atmospheric Chemistry of Perfluorinated Carboxylic Acids:â€‰ Reaction with OH Radicals and Atmospheric Lifetimes. Journal of Physical Chemistry A, 2004, 108, 615-620.	2.5	90
64	Isomers of perfluorooctanesulfonate and perfluorooctanoate and total perfluoroalkyl acids in human serum from two cities in North China. Environment International, 2013, 53, 9-17.	10.0	90
65	Chiral Polychlorinated Biphenyls Are Biotransformed Enantioselectively by Mammalian Cytochrome P-450 Isozymes to Form Hydroxylated Metabolites. Environmental Science & Technology, 2009, 43, 114-121.	10.0	83
66	Pesticide exposures and respiratory health in general populations. Journal of Environmental Sciences, 2017, 51, 361-370.	6.1	81
67	Nontarget Mass Spectrometry Reveals New Perfluoroalkyl Substances in Fish from the Yangtze River and Tangxun Lake, China. Environmental Science & Technology, 2018, 52, 5830-5840.	10.0	81
68	Bioconcentration and tissue distribution of perfluorinated acids in rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	4.3	81
69	Structureâ€"Reactivity of Naphthenic Acids in the Ozonation Process. Environmental Science & Technology, 2011, 45, 7431-7437.	10.0	80
70	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.	1.5	78
71	Accumulation of Perfluoroalkylated Substances in Oceanic Plankton. Environmental Science & Technology, 2017, 51, 2766-2775.	10.0	78
72	Atmospheric Chemistry of Fluorinated Alcohols:Â Reaction with Cl Atoms and OH Radicals and Atmospheric Lifetimes. Journal of Physical Chemistry A, 2004, 108, 1973-1979.	2.5	77

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73	Effect of Ozonation on the Estrogenicity and Androgenicity of Oil Sands Process-Affected Water. Environmental Science & Technology, 2011, 45, 6268-6274.	10.0	77
74	Effectiveness of Ozonation Treatment in Eliminating Toxicity of Oil Sands Process-Affected Water to Chironomus dilutus. Environmental Science & Technology, 2012, 46, 486-493.	10.0	77
75	Exposure and dietary sources of bisphenol A (BPA) and BPA-alternatives among mothers in the APrON cohort study. Environment International, 2018, 119, 319-326.	10.0	76
76	Ozonation attenuates the steroidogenic disruptive effects of sediment free oil sands process water in the H295R cell line. Chemosphere, 2010, 80, 578-584.	8.2	74
77	Prolonged Exposure to Bisphenol A from Single Dermal Contact Events. Environmental Science & Technology, 2017, 51, 9940-9949.	10.0	73
78	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.	10.0	68
79	Role of Snow Deposition of Perfluoroalkylated Substances at Coastal Livingston Island (Maritime) Tj ETQq1 1 0.784314 rgBT /Overloc	10.0	68
80	Heterocyclic Aromatics in Petroleum Coke, Snow, Lake Sediments, and Air Samples from the Athabasca Oil Sands Region. Environmental Science & Technology, 2017, 51, 5445-5453.	10.0	67
81	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.	10.0	66
82	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.	1.3	63
83	Manufacturing Origin of Perfluorooctanoate (PFOA) in Atlantic and Canadian Arctic Seawater. Environmental Science & Technology, 2012, 46, 677-685.	10.0	62
84	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.	10.0	62
85	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.	4.0	61
86	Source Elucidation of Perfluorinated Carboxylic Acids in Remote Alpine Lake Sediment Cores. Environmental Science & Technology, 2011, 45, 7188-7194.	10.0	61
87	Isomer-Specific Biotransformation of Perfluorooctane Sulfonamide in Sprague–Dawley Rats. Environmental Science & Technology, 2012, 46, 3196-3203.	10.0	60
88	Isomerâ€“Specific Distribution of Perfluoroalkyl Substances in Blood. Environmental Science & Technology, 2016, 50, 7808-7815.	10.0	59
89	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.	10.0	59
90	Air synthesis review: polycyclic aromatic compounds in the oil sands region. Environmental Reviews, 2018, 26, 430-468.	4.5	58

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91	Ozone treatment ameliorates oil sands process water toxicity to the mammalian immune system. Water Research, 2011, 45, 5849-5857.	11.3	57
92	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.	4.3	57
93	Atmospheric Chemistry of 4:2 Fluorotelomer Alcohol (CF3(CF2)3CH2CH2OH):â€‰ Products and Mechanism of Cl Atom Initiated Oxidation. Journal of Physical Chemistry A, 2004, 108, 5635-5642.	2.5	55
94	Perfluorinated acids and hypothyroxinemia in pregnant women. Environmental Research, 2011, 111, 559-564.	7.5	55
95	Defining the Scope of Exposome Studies and Research Needs from a Multidisciplinary Perspective. Environmental Science and Technology Letters, 2021, 8, 839-852.	8.7	55
96	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.	10.0	54
97	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.	10.0	53
98	The acute and sub-chronic exposures of goldfish to naphthenic acids induce different host defense responses. Aquatic Toxicology, 2012, 109, 143-149.	4.0	52
99	Development of an19F NMR Method for the Analysis of Fluorinated Acids in Environmental Water Samples. Analytical Chemistry, 2000, 72, 726-731.	6.5	51
100	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.	3.1	50
101	Decomposition of cyclohexanoic acid by the UV/H2O2 process under various conditions. Science of the Total Environment, 2012, 426, 387-392.	8.0	50
102	Prenatal maternal and childhood bisphenol a exposure and brain structure and behavior of young children. Environmental Health, 2019, 18, 85.	4.0	50
103	Degradation of a Model Naphthenic Acid, Cyclohexanoic Acid, by Vacuum UV (172 nm) and UV (254) Tj ETQq1 1 0.784314 rgBT /Ove	2.5	49
104	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.	0.8	48
105	Atmospheric Chemistry of CF3CH2CH2OH:â€‰ Kinetics, Mechanisms and Products of Cl Atom and OH Radical Initiated Oxidation in the Presence and Absence of NOX. Journal of Physical Chemistry A, 2005, 109, 9816-9826.	2.5	47
106	Atmospheric Chemistry ofn-CxF2x+1CHO (x= 1, 3, 4):Â Reaction with Cl Atoms, OH Radicals and IR Spectra of CxF2x+1C(O)O2NO2. Journal of Physical Chemistry A, 2004, 108, 5189-5196.	2.5	46
107	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): letâ€™s cooperate!. Environmental Sciences Europe, 2020, 32, .	5.5	46
108	Dietary accumulation of perfluorinated acids in juvenile rainbow trout (Oncorhynchus mykiss). Environmental Toxicology and Chemistry, 2003, 22, 189-95.	4.3	45

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109	Detection of Chlorodifluoroacetic Acid in Precipitation:â€‰ A Possible Product of Fluorocarbon Degradation. Environmental Science & Technology, 2000, 34, 274-281.	10.0	44
110	The use of 19F NMR and mass spectrometry for the elucidation of novel fluorinated acids and atmospheric fluoroacid precursors evolved in the thermolysis of fluoropolymers. Analyst, The, 2003, 128, 756.	3.5	44
111	Bioactivation of fluorotelomer alcohols in isolated rat hepatocytes. Chemico-Biological Interactions, 2009, 177, 196-203.	4.0	44
112	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.	2.6	44
113	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.	1.5	44
114	Airborne Trifluoroacetic Acid and Its Fraction from the Degradation of HFC-134a in Beijing, China. Environmental Science & Technology, 2014, 48, 3675-3681.	10.0	42
115	Atmospheric chemistry of C2F5CHO: reaction with Cl atoms and OH radicals, IR spectrum of C2F5C(O)O2NO2. Chemical Physics Letters, 2003, 379, 28-36.	2.6	40
116	Progress toward understanding the bioaccumulation of perfluorinated alkyl acids. Environmental Toxicology and Chemistry, 2013, 32, 2421-2423.	4.3	40
117	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, .	2.7	40
118	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.	2.5	40
119	Comparison of Haloacetic Acids in the Environment of the Northern and Southern Hemispheres. Environmental Science & Technology, 2005, 39, 8664-8670.	10.0	38
120	The Spotting Distribution of Wildfires. Applied Sciences (Switzerland), 2016, 6, 177.	2.5	38
121	Airborne Precursors Predict Maternal Serum Perfluoroalkyl Acid Concentrations. Environmental Science & Technology, 2017, 51, 7667-7675.	10.0	38
122	Atmospheric chemistry of C2F5CHO: mechanism of the C2F5C(O)O2+ HO2 reaction. Chemical Physics Letters, 2003, 381, 14-21.	2.6	37
123	Atmospheric Chemistry ofn-CxF2x+1CHO (x= 1, 2, 3, 4):Â Fate ofn-CxF2x+1C(O) Radicals. Journal of Physical Chemistry A, 2006, 110, 12443-12447.	2.5	37
124	Selective biodegradation of naphthenic acids and a probable link between mixture profiles and aquatic toxicity. Environmental Toxicology and Chemistry, 2013, 32, 2207-2216.	4.3	37
125	Maternal exposure to arsenic and mercury in small-scale gold mining areas of Northern Tanzania. Environmental Research, 2019, 173, 432-442.	7.5	37
126	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.	10.0	37

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127	Airborne Haloacetic Acids. Environmental Science & Technology, 2003, 37, 2889-2897.	10.0	36
128	Atmospheric Chemistry of 4:2 Fluorotelomer Alcohol (n-C4F9CH2CH2OH):â€‰ Products and Mechanism of Cl Atom Initiated Oxidation in the Presence of NOx. Journal of Physical Chemistry A, 2005, 109, 1849-1856.	2.5	36
129	Probing photodegradation beneath the surface: a depth profiling study of UV-degraded polymeric coatings with microchemical imaging and nanoindentation. Journal of Coatings Technology Research, 2007, 4, 389-399.	2.5	36
130	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.	1.5	36
131	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.	1.5	36
132	Estimates of Octanolâ€“Water Partitioning for Thousands of Dissolved Organic Species in Oil Sands Process-Affected Water. Environmental Science & Technology, 2015, 49, 8907-8913.	10.0	36
133	Sexually dimorphic adaptations in basal maternal stress physiology during pregnancy and implications for fetal development. Psychoneuroendocrinology, 2015, 56, 168-178.	2.7	36
134	Urinary concentrations of pyrethroid metabolites and its association with lung function in a Canadian general population. Occupational and Environmental Medicine, 2016, 73, 119-126.	2.8	36
135	Nontarget profiling of organic compounds in a temporal series of hydraulic fracturing flowback and produced waters. Environment International, 2019, 131, 104944.	10.0	36
136	Microstructure and morphology of amine-cured epoxy coatings before and after outdoor exposuresâ€”An AFM study. Journal of Coatings Technology Research, 2005, 2, 547-556.	2.5	35
137	The Impact of Isolated Maternal Hypothyroxinemia on Perinatal Morbidity. Journal of Obstetrics and Gynaecology Canada, 2009, 31, 1015-1021.	0.7	35
138	Perfluorooctane Sulfonate (PFOS) Precursors Can Be Metabolized Enantioselectively: Principle for a New PFOS Source Tracking Tool. Environmental Science & Technology, 2009, 43, 8283-8289.	10.0	35
139	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.	6.0	35
140	Temporal trends of perfluorooctanesulfonate isomer and enantiomer patterns in archived Swedish and American serum samples. Environment International, 2015, 75, 215-222.	10.0	33
141	Relating gloss loss to topographical features of a PVDF coating. Journal of Coatings Technology Research, 2006, 3, 29-39.	2.5	32
142	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.	4.9	32
143	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.	2.8	31
144	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.	8.0	31

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145	Inhibition of ABC transport proteins by oil sands process affected water. Aquatic Toxicology, 2016, 170, 81-88.	4.0	31
146	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.	10.0	31
147	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.	2.7	31
148	Use of laser scanning confocal microscopy for characterizing changes in film thickness and local surface morphology of UV-exposed polymer coatings. Journal of Coatings Technology Research, 2004, 1, 267-276.	2.5	29
149	Atmospheric Chemistry of n-CxF2x+1CHO (x = 1, 3, 4):â€‰ Mechanism of the CxF2x+1C(O)O2 + HO2 Reaction. Journal of Physical Chemistry A, 2004, 108, 6325-6330.	2.5	29
150	Atmospheric Chemistry of Perfluorinated Aldehyde Hydrates (n-CxF2x+1CH(OH)2,x= 1, 3, 4):Â Hydration, Dehydration, and Kinetics and Mechanism of Cl Atom and OH Radical Initiated Oxidation. Journal of Physical Chemistry A, 2006, 110, 9854-9860.	2.5	29
151	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.	1.5	29
152	Comparison of Bisphenol A and Bisphenol S Percutaneous Absorption and Biotransformation. Environmental Health Perspectives, 2019, 127, 67008.	6.0	29
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