Scott A Mabury

List of Publications by Year in Descending Order

78 papers	7,864 citations	35 h-index	81 g-index
81 ext. papers	9,033 ext. citations	7.7 avg, IF	6.3 L-index

#	Paper	IF	Citations
78	In Vivo Transformation of a Novel Polyfluoroether Surfactant. *Environmental Toxicology and Chemistry*, **2021**, 40, 3328-3336	3.8	0
77	Rat Metabolism Study Suggests 3-(3,5-Di--butyl-4-hydroxyphenyl)propionic Acid as a Potential Urinary Biomarker of Human Exposure to Representative 3-(3,5-Di--butyl-4-hydroxyphenyl)propionate Antioxidants. *Environmental Science & Technology*, **2021**, 55, 14051-14058	10.3	2
76	Atmospheric Fate of a New Polyfluoroalkyl Building Block, CFOCHFCFSCHCHOH. *Environmental Science & Technology*, **2021**,	10.3	3
75	Printing ink related chemicals, including synthetic phenolic antioxidants, organophosphite antioxidants, and photoinitiators, in printing paper products and implications for human exposure. *Environment International*, **2021**, 149, 106412	12.9	7
74	Significant Reductive Transformation of 6:2 Chlorinated Polyfluorooctane Ether Sulfonate to Form Hydrogen-Substituted Polyfluorooctane Ether Sulfonate and Their Toxicokinetics in Male Sprague-Dawley Rats. *Environmental Science & Technology*, **2021**,	10.3	1
73	Single-Use Face Masks as a Potential Source of Synthetic Antioxidants to the Environment. *Environmental Science and Technology Letters*, **2021**, 8, 651-655	11	13
72	The Sulfoximine Insecticide Sulfoxaflor and Its Photodegradate Demonstrate Acute Toxicity to the Nontarget Invertebrate Species Daphnia magna. *Environmental Toxicology and Chemistry*, **2021**, 40, 2156-2164	3.8	2
71	Novel High Molecular Weight Synthetic Phenolic Antioxidants in Indoor Dust in Toronto, Canada. *Environmental Science and Technology Letters*, **2020**, 7, 14-19	11	12
70	The Environmental Degradation and Distribution of Saflufenacil, a Fluorinated Protoporphyrinogen IX Oxidase-Inhibiting Herbicide, on a Canadian Winter Wheat Field. *Environmental Toxicology and Chemistry*, **2020**, 39, 1918-1928	3.8	4
69	Synthetic Phenolic Antioxidants: A Review of Environmental Occurrence, Fate, Human Exposure, and Toxicity. *Environmental Science & Technology*, **2020**, 54, 11706-11719	10.3	55
68	First Report on In Vivo Pharmacokinetics and Biotransformation of Chlorinated Polyfluoroalkyl Ether Sulfonates in Rainbow Trout. *Environmental Science & Technology*, **2020**, 54, 345-354	10.3	10
67	Unique analytical considerations for laboratory studies identifying metabolic products of per- and polyfluoroalkyl substances (PFASs). *TrAC - Trends in Analytical Chemistry*, **2020**, 124, 115431	14.6	10
66	Organophosphite Antioxidants in Indoor Dust Represent an Indirect Source of Organophosphate Esters. *Environmental Science & Technology*, **2019**, 53, 1805-1811	10.3	38
65	Synthetic phenolic antioxidants and transformation products in dust from different indoor environments in Toronto, Canada. *Science of the Total Environment*, **2019**, 672, 23-29	10.2	26
64	Identification of Photoinitiators, Including Novel Phosphine Oxides, and Their Transformation Products in Food Packaging Materials and Indoor Dust in Canada. *Environmental Science & Technology*, **2019**, 53, 4109-4118	10.3	12
63	Unexpectedly high concentrations of 2,4-di-tert-butylphenol in human urine. *Environmental Pollution*, **2019**, 252, 1423-1428	9.3	25
62	Synthetic Phenolic Antioxidants in Personal Care Products in Toronto, Canada: Occurrence, Human Exposure, and Discharge via Greywater. *Environmental Science & Technology*, **2019**, 53, 13440-13448	10.3	19

61	Photoinitiators in Breast Milk from United States Donors: Occurrence and Implications for Exposure in Infants. *Environmental Science and Technology Letters*, **2019**, 6, 702-707	11	10
60	Synthetic Phenolic Antioxidants and Transformation Products in Human Sera from United States Donors. *Environmental Science and Technology Letters*, **2018**, 5, 419-423	11	40
59	Unexpectedly High Concentrations of a Newly Identified Organophosphate Ester, Tris(2,4-di-tert-butylphenyl) Phosphate, in Indoor Dust from Canada. *Environmental Science & Technology*, **2018**, 52, 9677-9683	10.3	50
58	First Detection of Photoinitiators and Metabolites in Human Sera from United States Donors. *Environmental Science & Technology*, **2018**, 52, 10089-10096	10.3	16
57	Sorption of Perfluoroalkyl Phosphonates and Perfluoroalkyl Phosphinates in Soils. *Environmental Science & Technology*, **2017**, 51, 3197-3205	10.3	22
56	Aerobic biodegradation of 2 fluorotelomer sulfonamide-based aqueous film-forming foam components produces perfluoroalkyl carboxylates. *Environmental Toxicology and Chemistry*, **2017**, 36, 2012-2021	3.8	56
55	Vertical Profiles, Sources, and Transport of PFASs in the Arctic Ocean. *Environmental Science & Technology*, **2017**, 51, 6735-6744	10.3	76
54	Simultaneous analysis of perfluoroalkyl and polyfluoroalkyl substances including ultrashort-chain C2 and C3 compounds in rain and river water samples by ultra performance convergence chromatography. *Journal of Chromatography A*, **2017**, 1522, 78-85	4.5	42
53	Biological Cleavage of the C P Bond in Perfluoroalkyl Phosphinic Acids in Male Sprague-Dawley Rats and the Formation of Persistent and Reactive Metabolites. *Environmental Health Perspectives*, **2017**, 125, 117001	8.4	10
52	Certain Perfluoroalkyl and Polyfluoroalkyl Substances Associated with Aqueous Film Forming Foam Are Widespread in Canadian Surface Waters. *Environmental Science & Technology*, **2017**, 51, 13603-13613	10.3	85
51	Is there a human health risk associated with indirect exposure to perfluoroalkyl carboxylates (PFCAs)?. *Toxicology*, **2017**, 375, 28-36	4.4	47
50	A North American and global survey of perfluoroalkyl substances in surface soils: Distribution patterns and mode of occurrence. *Chemosphere*, **2016**, 161, 333-341	8.4	137
49	Application of a comprehensive extraction technique for the determination of poly- and perfluoroalkyl substances (PFASs) in Great Lakes Region sediments. *Chemosphere*, **2016**, 164, 535-546	8.4	33
48	Matrix normalized MALDI-TOF quantification of a fluorotelomer-based acrylate polymer. *Environmental Science & Technology*, **2015**, 49, 6093-101	10.3	10
47	Identification of novel fluorinated surfactants in aqueous film forming foams and commercial surfactant concentrates. *Environmental Science & Technology*, **2014**, 48, 121-9	10.3	193
46	Protein binding associated with exposure to fluorotelomer alcohols (FTOHs) and polyfluoroalkyl phosphate esters (PAPs) in rats. *Environmental Science & Technology*, **2014**, 48, 2421-9	10.3	11
45	Global Distribution of Polyfluoroalkyl and Perfluoroalkyl Substances and their Transformation Products in Environmental Solids **2014**, 797-826		1
44	Influence of fluorination on the characterization of fluorotelomer-based acrylate polymers by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. *Analytica Chimica Acta*, **2014**, 808, 115-23	6.6	7

43	Bioconcentration of aqueous film-forming foam (AFFF) in juvenile rainbow trout (Oncorhyncus mykiss). *Environmental Science & Technology*, **2013**, 47, 12505-13	10.3	37
42	Perfluorotributylamine: A novel long-lived greenhouse gas. *Geophysical Research Letters*, **2013**, 40, 6010-6015	4.9	15
41	Dietary bioaccumulation of perfluorophosphonates and perfluorophosphinates in juvenile rainbow trout: evidence of metabolism of perfluorophosphinates. *Environmental Science & Technology*, **2012**, 46, 3489-97	10.3	47
40	Perfluoroalkyl and polyfluoroalkyl substances in the environment: terminology, classification, and origins. *Integrated Environmental Assessment and Management*, **2011**, 7, 513-41	2.5	1666
39	Is indirect exposure a significant contributor to the burden of perfluorinated acids observed in humans?. *Environmental Science & Technology*, **2011**, 45, 7974-84	10.3	184
38	Exploring indirect sources of human exposure to perfluoroalkyl carboxylates (PFCAs): evaluating uptake, elimination, and biotransformation of polyfluoroalkyl phosphate esters (PAPs) in the rat. *Environmental Health Perspectives*, **2011**, 119, 344-50	8.4	128
37	Uptake and elimination of perfluorinated phosphonic acids in the rat. *Environmental Toxicology and Chemistry*, **2010**, 29, 1319-29	3.8	31
36	Determining the molecular interactions of perfluorinated carboxylic acids with human sera and isolated human serum albumin using nuclear magnetic resonance spectroscopy. *Environmental Toxicology and Chemistry*, **2010**, 29, 1678-88	3.8	57
35	Molecular structure and radiative efficiency of fluorinated ethers: A structure-activity relationship. *Journal of Geophysical Research*, **2008**, 113,		10
34	An Undergraduate Experiment for the Measurement of Perfluorinated Surfactants in Fish Liver by Liquid Chromatography−Tandem Mass Spectrometry. *Journal of Chemical Education*, **2007**, 84, 310	2.4	15
33	Perfluorinated acids in Arctic snow: new evidence for atmospheric formation. *Environmental Science & Technology*, **2007**, 41, 3455-61	10.3	276
32	Perfluoroalkyl contaminants in the Canadian Arctic: evidence of atmospheric transport and local contamination. *Environmental Science & Technology*, **2007**, 41, 3529-36	10.3	209
31	Atmospheric chemistry of N-methyl perfluorobutane sulfonamidoethanol, C4F9SO2N(CH3)CH2CH2OH: kinetics and mechanism of reaction with OH. *Environmental Science & Technology*, **2006**, 40, 1862-8	10.3	250
30	Photodegradation of the pharmaceuticals atorvastatin, carbamazepine, levofloxacin, and sulfamethoxazole in natural waters. *Aquatic Sciences*, **2005**, 67, 177-188	2.5	215
29	Degradation of fluorotelomer alcohols: a likely atmospheric source of perfluorinated carboxylic acids. *Environmental Science & Technology*, **2004**, 38, 3316-21	10.3	711
28	Fluorotelomer alcohol biodegradation yields poly- and perfluorinated acids. *Environmental Science & Technology*, **2004**, 38, 2857-64	10.3	400
27	The Use of 19F NMR to Interpret the Structural Properties of Perfluorocarboxylate Acids: A Possible Correlation with Their Environmental Disposition. *Journal of Physical Chemistry A*, **2004**, 108, 10099-10106	2.8	44
26	Improved Measurement of Seasonal and Diurnal Differences in the Carbonaceous Components of Urban Particulate Matter Using a Denuder-Based Air Sampler. *Aerosol Science and Technology*, **2004** , 38, 63-69	3.4	19

25	Dietary accumulation of perfluorinated acids in juvenile rainbow trout (Oncorhynchus mykiss). *Environmental Toxicology and Chemistry*, **2003**, 22, 189-195	3.8	329
24	Bioconcentration and tissue distribution of perfluorinated acids in rainbow trout (Oncorhynchus mykiss). *Environmental Toxicology and Chemistry*, **2003**, 22, 196-204	3.8	666
23	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, 756-64	5	34
22	. *Environmental Toxicology and Chemistry*, **2003**, 22, 189	3.8	133
21	Ecological impact and environmental fate of perfluorooctane sulfonate on the zooplankton community in indoor microcosms. *Environmental Toxicology and Chemistry*, **2002**, 21, 1490-1496	3.8	32
20	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, 545-51	10.3	430
19	Ecological impact and environmental fate of perfluorooctane sulfonate on the zooplankton community in indoor microcosms **2002**, 21, 1490		2
18	Chlorodifluoroacetic acid fate and toxicity to the macrophytes Lemna gibba, Myriophyllum spicatum, and Myriophyllum sibiricum in aquatic microcosms. *Environmental Toxicology and Chemistry*, **2001**, 20, 2758-2767	3.8	23
17	Thermolysis of fluoropolymers as a potential source of halogenated organic acids in the environment. *Nature*, **2001**, 412, 321-4	50.4	221
16	Determination of perfluorinated surfactants in surface water samples by two independent analytical techniques: liquid chromatography/tandem mass spectrometry and 19F NMR. *Analytical Chemistry*, **2001**, 73, 2200-6	7.8	198
15	Aqueous solubilities, photolysis rates and partition coefficients of benzoylphenylurea insecticides. *Pest Management Science*, **2000**, 56, 789-794	4.6	19
14	A new method for measuring carbonate radical reactivity toward pesticides. *Environmental Toxicology and Chemistry*, **2000**, 19, 1501-1507	3.8	79
13	Steady-state concentrations of carbonate radicals in field waters. *Environmental Toxicology and Chemistry*, **2000**, 19, 2181-2188	3.8	85
12	Hydrolysis kinetics of fenthion and its metabolites in buffered aqueous media. *Journal of Agricultural and Food Chemistry*, **2000**, 48, 2582-8	5.7	15
11	A New Method for the Measurement of Airborne Formaldehyde Using Derivatization with 3,5-Bis(Trifluoromethyl) Phenylhydrazine and Analysis by GC-ECD and GC-MS/SIM. *International Journal of Environmental Analytical Chemistry*, **2000**, 76, 241-256	1.8	6
10	Hot Chili Peppers: Extraction, Cleanup, and Measurement of Capsaicin. *Journal of Chemical Education*, **2000**, 77, 1630	2.4	11
9	An Undergraduate Experiment for the Measurement of Trace Metals in Core Sediments by ICP-AES and GFAAS. *Journal of Chemical Education*, **2000**, 77, 1611	2.4	11
8	Photodegradation of metolachlor: isolation, identification, and quantification of monochloroacetic acid. *Journal of Agricultural and Food Chemistry*, **2000**, 48, 944-50	5.7	46

7	ELISA and GC-MS as Teaching Tools in the Undergraduate Environmental Analytical Chemistry Laboratory. *Journal of Chemical Education*, **2000**, 77, 1619	2.4	12
6	Elucidation of fipronil photodegradation pathways. *Journal of Agricultural and Food Chemistry*, **2000** , 48, 4661-5	5.7	37
5	Development of an 19F NMR method for the analysis of fluorinated acids in environmental water samples. *Analytical Chemistry*, **2000**, 72, 726-31	7.8	37
4	An Undergraduate Field Experiment for Measuring Exposure to Environmental Tobacco Smoke in Indoor Environments. *Journal of Chemical Education*, **1999**, 76, 1700	2.4	
3	Determination of Formaldehyde in Cigarette Smoke. *Journal of Chemical Education*, **1997**, 74, 1100	2.4	10
2	19F-NMR as an analytical tool for fluorinated agrochemical research.. *Journal of Agricultural and Food Chemistry*, **1995**, 43, 1845-1848	5.7	26
1	Perfluoroalkyl Compounds25-69		1