

Identification of Novel Perfluoroalkyl Ether Carboxylic (PFESAs) in Natural Waters Using Accurate Mass Time-of-Flight

Environmental Science & Technology

49, 11622-11630

DOI: [10.1021/acs.est.5b01215](https://doi.org/10.1021/acs.est.5b01215)

Citation Report

#	ARTICLE	IF	CITATIONS
3	High-resolution mass spectrometry: basic principles for using exact mass and mass defect for discovery analysis of organic molecules in blood, breath, urine and environmental media. <i>Journal of Breath Research</i> , 2016, 10, 012001.	3.0	33
4	Status and Trends of Perfluoroalkyl Substances in Japan with Special Emphasis on the Tokyo Bay Basin. <i>ACS Symposium Series</i> , 2016, , 157-179.	0.5	0
5	Nontarget Analysis of Environmental Samples Based on Liquid Chromatography Coupled to High Resolution Mass Spectrometry (LC-HRMS). <i>Comprehensive Analytical Chemistry</i> , 2016, 71, 381-403.	1.3	23
6	Coupled production and emission of short chain perfluoroalkyl acids from a fast developing fluorochemical industry: Evidence from yearly and seasonal monitoring in Daling River Basin, China. <i>Environmental Pollution</i> , 2016, 218, 1234-1244.	7.5	67
7	A review of the determination of persistent organic pollutants for environmental forensics investigations. <i>Analytica Chimica Acta</i> , 2016, 941, 10-25.	5.4	57
8	Comprehensive Emerging Chemical Discovery: Novel Polyfluorinated Compounds in Lake Michigan Trout. <i>Environmental Science & Technology</i> , 2016, 50, 9460-9468.	10.0	42
9	Legacy and Emerging Perfluoroalkyl Substances Are Important Drinking Water Contaminants in the Cape Fear River Watershed of North Carolina. <i>Environmental Science and Technology Letters</i> , 2016, 3, 415-419.	8.7	444
10	Geochemistry Articles â€œ October 2015. <i>Organic Geochemistry</i> , 2016, 91, e1-e45.	1.8	0
11	Human Exposure and Elimination Kinetics of Chlorinated Polyfluoroalkyl Ether Sulfonic Acids (Cl-PFESAs). <i>Environmental Science & Technology</i> , 2016, 50, 2396-2404.	10.0	224
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13	Novel Polyfluorinated Compounds Identified Using High Resolution Mass Spectrometry Downstream of Manufacturing Facilities near Decatur, Alabama. <i>Environmental Science & Technology</i> , 2017, 51, 1544-1552.	10.0	148
14	Sodiation-based in-source collision for profiling of pyranocoumarins in <i>Radix Peucedani</i> (Qianhu): utility of sodium adducts' stability with in-source collision. <i>Journal of Mass Spectrometry</i> , 2017, 52, 152-164.	1.6	7
15	A Never-Ending Story of Per- and Polyfluoroalkyl Substances (PFASs)? <i>Environmental Science & Technology</i> , 2017, 51, 2508-2518.	10.0	971
16	National Estimate of Per- and Polyfluoroalkyl Substance (PFAS) Release to U.S. Municipal Landfill Leachate. <i>Environmental Science & Technology</i> , 2017, 51, 2197-2205.	10.0	236
17	Nontarget Analysis Reveals a Bacterial Metabolite of Pyrene Implicated in the Genotoxicity of Contaminated Soil after Bioremediation. <i>Environmental Science & Technology</i> , 2017, 51, 7091-7100.	10.0	34
18	Identification of novel non-ionic, cationic, zwitterionic, and anionic polyfluoroalkyl substances using UPLC-TOF-MSE high-resolution parent ion search. <i>Analytica Chimica Acta</i> , 2017, 988, 41-49.	5.4	75
19	Analytical methodology for identification of novel per- and polyfluoroalkyl substances in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 95, 122-131.	11.4	70
20	Presence of Emerging Per- and Polyfluoroalkyl Substances (PFASs) in River and Drinking Water near a Fluorochemical Production Plant in the Netherlands. <i>Environmental Science & Technology</i> , 2017, 51, 11057-11065.	10.0	279

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22	¹⁹ F NMR Characterization of the Encapsulation of Emerging Perfluoroethercarboxylic Acids by Cyclodextrins. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8359-8366.	2.6	27
23	Emerging poly- and perfluoroalkyl substances in the aquatic environment: A review of current literature. <i>Water Research</i> , 2017, 124, 482-495.	11.3	417
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26	Evaluation of a national data set for insights into sources, composition, and concentrations of per- and polyfluoroalkyl substances (PFASs) in U.S. drinking water. <i>Environmental Pollution</i> , 2018, 236, 505-513.	7.5	138
27	Nontarget Mass Spectrometry Reveals New Perfluoroalkyl Substances in Fish from the Yangtze River and Tangxun Lake, China. <i>Environmental Science & Technology</i> , 2018, 52, 5830-5840.	10.0	81
28	Occurrence and Tissue Distribution of Novel Perfluoroether Carboxylic and Sulfonic Acids and Legacy Per/Polyfluoroalkyl Substances in Black-Spotted Frog (<i>Pelophylax nigromaculatus</i>). <i>Environmental Science & Technology</i> , 2018, 52, 982-990.	10.0	143
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33	Water Analysis: Emerging Contaminants and Current Issues. <i>Analytical Chemistry</i> , 2018, 90, 398-428.	6.5	465
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35	Mass defect filtering for suspect screening of halogenated environmental chemicals: A case study of chlorinated organophosphate flame retardants. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 503-519.	1.5	5
36	Evaluation and Management Strategies for Per- and Polyfluoroalkyl Substances (PFASs) in Drinking Water Aquifers: Perspectives from Impacted U.S. Northeast Communities. <i>Environmental Health Perspectives</i> , 2018, 126, 065001.	6.0	54
37	Perfluorooctanoic Acid (PFOA) Exposure in Early Life Increases Risk of Childhood Adiposity: A Meta-Analysis of Prospective Cohort Studies. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2070.	2.6	32
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40	Degradation of PFOA Substitute: GenX (HFPOâ€“DA Ammonium Salt): Oxidation with UV/Persulfate or Reduction with UV/Sulfite?. <i>Environmental Science & Technology</i> , 2018, 52, 11728-11734.	10.0	59
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45	Non-Target and Suspect Screening of Per- and Polyfluoroalkyl Substances in Airborne Particulate Matter in China. <i>Environmental Science & Technology</i> , 2018, 52, 8205-8214.	10.0	133
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127	Degradation of Perfluoroalkyl Ether Carboxylic Acids with Hydrated Electrons: Structure-Reactivity Relationships and Environmental Implications. <i>Environmental Science & Technology</i> , 2020, 54, 2489-2499.	10.0	86
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131	Estimating Environmental Hazard and Risks from Exposure to Per- and Polyfluoroalkyl Substances (PFAS): Outcome of a SETAC Focused Topic Meeting. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 543-549.	4.3	23
132	Assessing the Ecological Risks of Per- and Polyfluoroalkyl Substances: Current State of the Science and a Proposed Path Forward. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 564-605.	4.3	166
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134	Recent analytical methods for risk assessment of emerging contaminants in ecosystems. , 2021, , 739-778.		4
135	Non-targeted identification of per- and polyfluoroalkyl substances at trace level in surface water using fragment ion flagging. <i>Chemosphere</i> , 2021, 265, 128599.	8.2	26
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167	Hexafluoropropylene oxide dimer acid (HFPO-DA) induced developmental cardiotoxicity and hepatotoxicity in hatchling chickens: Roles of peroxisome proliferator activated receptor alpha. <i>Environmental Pollution</i> , 2021, 290, 118112.	7.5	18
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