

Characterizing the Air Emissions, Transport, and Deposition of Fluorinated Substances from a Fluoropolymer Manufacturing Facility

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Citation Report

#	ARTICLE	IF	CITATIONS
1	External and internal human exposure to PFOA and HFPOs around a mega fluorochemical industrial park, China: Differences and implications. <i>Environment International</i> , 2021, 157, 106824.	10.0	32
2	Per- and Polyfluoroalkyl Substances (PFAS): Significance and Considerations within the Regulatory Framework of the USA. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11142.	2.6	29
3	A Comprehensive Statewide Spatiotemporal Stream Assessment of Per- and Polyfluoroalkyl Substances (PFAS) in an Agricultural Region of the United States. <i>Environmental Science and Technology Letters</i> , 2021, 8, 981-988.	8.7	20
4	What difference can drop-in substitution actually make? A life cycle assessment of alternative water repellent chemicals. <i>Journal of Cleaner Production</i> , 2021, 329, 129661.	9.3	7
5	PFAS Molecules: A Major Concern for the Human Health and the Environment. <i>Toxics</i> , 2022, 10, 44.	3.7	93
6	Human-Health Impacts of Controlling Secondary Air Pollution Precursors. <i>Environmental Science and Technology Letters</i> , 2022, 9, 96-101.	8.7	22
7	Performance Evaluation of the Meteorology and Air Quality Conditions From Multiscale WRF-CMAQ Simulations for the Long Island Sound Tropospheric Ozone Study (LISTOS). <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	16
8	Per- and polyfluoroalkyl substances in the environment. <i>Science</i> , 2022, 375, eabg9065.	12.6	396
9	Utilizing Pine Needles to Temporally and Spatially Profile Per- and Polyfluoroalkyl Substances (PFAS). <i>Environmental Science & Technology</i> , 2022, 56, 3441-3451.	10.0	26
10	Per- and polyfluoroalkyl substances (PFAS) in river discharge: Modeling loads upstream and downstream of a PFAS manufacturing plant in the Cape Fear watershed, North Carolina. <i>Science of the Total Environment</i> , 2022, 831, 154763.	8.0	23
11	Fate of Per- and Polyfluoroalkyl Substances from Durable Water-Repellent Clothing during Use. <i>Environmental Science & Technology</i> , 2022, 56, 5886-5897.	10.0	19
12	Occurrence, Spatial Distribution, and Sources of Pffas in the Water and Sediment from Lakes in the Tibetan Plateau. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
13	Improved Tandem Mass Spectrometry Detection and Resolution of Low Molecular Weight Perfluoroalkyl Ether Carboxylic Acid Isomers. <i>Environmental Science and Technology Letters</i> , 2022, 9, 747-751.	8.7	3
14	Per- and polyfluoroalkyl substances (PFAS) exposure through munitions in the Russia-Ukraine conflict. <i>Integrated Environmental Assessment and Management</i> , 2023, 19, 376-381.	2.9	3
15	Per- and Polyfluoroalkyl Substances (PFAS) in Subsurface Environments: Occurrence, Fate, Transport, and Research Prospect. <i>Reviews of Geophysics</i> , 2022, 60, .	23.0	29
16	PFAS concentrations and deposition in precipitation: An intensive 5-month study at National Atmospheric Deposition Program - National trends sites (NADP-NTN) across Wisconsin, USA. <i>Atmospheric Environment</i> , 2022, 291, 119368.	4.1	14
17	Exploring controls on perfluorocarboxylic acid (PFCA) gas-particle partitioning using a model with observational constraints. <i>Environmental Sciences: Processes and Impacts</i> , 2023, 25, 264-276.	3.5	2
18	Evaluation of iodide chemical ionization mass spectrometry for gas and aerosol-phase per- and polyfluoroalkyl substances (PFAS) analysis. <i>Environmental Sciences: Processes and Impacts</i> , 2023, 25, 277-287.	3.5	3

#	ARTICLE	IF	CITATIONS
19	Supramolecular assemblies of a newly developed indole derivative for selective adsorption and photo-destruction of perfluoroalkyl substances. <i>Water Research</i> , 2022, 225, 119147.	11.3	6
20	Occurrence, spatial distribution, and sources of PFASs in the water and sediment from lakes in the Tibetan Plateau. <i>Journal of Hazardous Materials</i> , 2023, 443, 130170.	12.4	12
21	Legacy and emerging airborne per- and polyfluoroalkyl substances (PFAS) collected on PM _{2.5} filters in close proximity to a fluoropolymer manufacturing facility. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 2272-2283.	3.5	3
22	Vital Environmental Sources for Multitudinous Fluorinated Chemicals: New Evidence from Industrial Byproducts in Multienvironmental Matrices in a Fluorochemical Manufactory. <i>Environmental Science & Technology</i> , 2022, 56, 16789-16800.	10.0	16
23	Occurrence of perfluoroalkyl substances in the environment compartments near a mega fluorochemical industry: Implication of specific behaviors and emission estimation. <i>Journal of Hazardous Materials</i> , 2023, 445, 130473.	12.4	10
24	Mobilization of Per- and Polyfluoroalkyl Substances (PFAS) in Soils: A Review. <i>Current Pollution Reports</i> , 2022, 8, 422-444.	6.6	5
25	Per- and polyfluoroalkyl substances (PFASs) registered under REACH—What can we learn from the submitted data and how important will mobility be in PFASs hazard assessment?. <i>Science of the Total Environment</i> , 2023, 877, 162618.	8.0	2
26	Environmental and health impacts of PFAS: Sources, distribution and sustainable management in North Carolina (USA). <i>Science of the Total Environment</i> , 2023, 878, 163123.	8.0	21
27	Polyfluoroalkyl substances requiring a renewed focus on groundwater—surface water interactions. <i>Ground Water Monitoring and Remediation</i> , 2023, 43, 14-31.	0.8	1
28	Tubing material considerably affects measurement delays of gas-phase oxygenated per- and polyfluoroalkyl substances. <i>Journal of the Air and Waste Management Association</i> , 2023, 73, 335-344.	1.9	3
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33	Linking gas, particulate, and toxic endpoints to air emissions in the Community Regional Atmospheric Chemistry Multiphase Mechanism (CRACMM). <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 5043-5099.	4.9	6
34	Influence of convective and stratiform precipitation types on per- and polyfluoroalkyl substance concentrations in rain. <i>Science of the Total Environment</i> , 2023, 890, 164051.	8.0	1
35	Domestic Dogs and Horses as Sentinels of Per- and Polyfluoroalkyl Substance Exposure and Associated Health Biomarkers in Gray—Creeks North Carolina. <i>Environmental Science & Technology</i> , 2023, 57, 9567-9579.	10.0	4
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37	Predictions of PFAS regional-scale atmospheric deposition and ambient air exposure. <i>Science of the Total Environment</i> , 2023, 902, 166256.	8.0	0
38	Production of perfluoroalkyl acids (PFAAs) from precursors in contaminated agricultural soils: Batch and leaching experiments. <i>Science of the Total Environment</i> , 2023, 902, 166555.	8.0	3
39	Prediction of 35 Target Per- and Polyfluoroalkyl Substances (PFASs) in California Groundwater Using Multilabel Semisupervised Machine Learning. <i>ACS ES&T Water</i> , 2024, 4, 969-981.	4.6	1
41	Emission inventory of PFASs and other fluorinated organic substances for the fluoropolymer production industry in Europe. <i>Environmental Sciences: Processes and Impacts</i> , 2024, 26, 269-287.	3.5	1
42	Evaluation of commercial nanofiltration and reverse osmosis membrane filtration to remove per- and polyfluoroalkyl substances (PFAS): Effects of transmembrane pressures and water matrices. <i>Water Environment Research</i> , 2024, 96, .	2.7	0
43	Estimated scale of costs to remove PFAS from the environment at current emission rates. <i>Science of the Total Environment</i> , 2024, 918, 170647.	8.0	0
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46	Exploring the Potential Link between PFAS Exposure and Endometrial Cancer: A Review of Environmental and Sociodemographic Factors. <i>Cancers</i> , 2024, 16, 983.	3.7	0
47	New insights from an eight-year study on per- and polyfluoroalkyl substances in an urban terrestrial ecosystem. <i>Environmental Pollution</i> , 2024, 347, 123735.	7.5	0
48	Overview of Per- and Polyfluoroalkyl Substances (PFAS), Their Applications, Sources, and Potential Impacts on Human Health. <i>Pollutants</i> , 2024, 4, 136-152.	2.1	0
49	Perfluorooctanesulfonic Acid Alters the Plant's Phosphate Transport Gene Network and Exhibits Antagonistic Effects on the Phosphate Uptake. <i>Environmental Science & Technology</i> , 2024, 58, 5405-5418.	10.0	0