

# Assessing the Effectiveness of Point-of-Use Residential Perfluoroalkyl Substances (PFASs)

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Current Contributions of Organofluorine Compounds to the Agrochemical Industry. <i>IScience</i> , 2020, 23, 101467.	4.1	540
2	Emerging Chlorinated Polyfluorinated Polyether Compounds Impacting the Waters of Southwestern New Jersey Identified by Use of Nontargeted Analysis. <i>Environmental Science and Technology Letters</i> , 2020, 7, 903-908.	8.7	35
3	Accumulation on and extraction of lead from point-of-use filters for evaluating lead exposure from drinking water. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2734-2741.	2.4	9
4	Recent progress in adsorptive removal of per- and poly-fluoroalkyl substances (PFAS) from water/wastewater. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 90-129.	12.8	80
5	Removal of eight perfluoroalkyl acids from aqueous solutions by aeration and duckweed. <i>Science of the Total Environment</i> , 2020, 724, 138357.	8.0	32
6	Determination of total oxidizable precursors in foam surfactants and foam contaminated water based on UV-activated persulfate oxidation. <i>Science of the Total Environment</i> , 2021, 763, 142943.	8.0	10
7	High-Efficiency Capture and Recovery of Anionic Perfluoroalkyl Substances from Water Using PVA/PDDA Nanofibrous Membranes with Near-Zero Energy Consumption. <i>Environmental Science and Technology Letters</i> , 2021, 8, 350-355.	8.7	17
8	Thermal Regeneration of Spent Granular Activated Carbon Presents an Opportunity to Break the Forever PFAS Cycle. <i>Environmental Science &amp; Technology</i> , 2021, 55, 5608-5619.	10.0	68
9	Efficient sorption of perfluoroalkyl acids by ionic liquid-modified natural clay. <i>Chemical Engineering Journal Advances</i> , 2021, 7, 100135.	5.2	12
10	Exposure, health effects, sensing, and remediation of the emerging PFAS contaminants – Scientific challenges and potential research directions. <i>Science of the Total Environment</i> , 2021, 780, 146399.	8.0	42
11	Adsorption and solid-phase photocatalytic degradation of perfluorooctane sulfonate in water using gallium-doped carbon-modified titanate nanotubes. <i>Chemical Engineering Journal</i> , 2021, 421, 129676.	12.7	43
12	Removal of HFPO-DA (GenX) from aqueous solutions: A mini-review. <i>Chemical Engineering Journal</i> , 2021, 424, 130266.	12.7	21
13	Membrane-based technologies for per- and poly-fluoroalkyl substances (PFASs) removal from water: Removal mechanisms, applications, challenges and perspectives. <i>Environment International</i> , 2021, 157, 106876.	10.0	27
14	Adsorption of short-chain perfluoroalkyl acids (PFAAs) from water/wastewater. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2958-2972.	2.4	23
15	Remediation of per- and polyfluoroalkyls (PFAS) via electrochemical methods. <i>Chemical Engineering Journal</i> , 2022, 430, 132895.	12.7	63
16	Point-of-entry water filter for removal of per- and poly-fluoroalkyl substances and precursors. <i>AWWA Water Science</i> , 2021, 3, e1257.	2.1	1
17	Analysis of the additional cost of addressing per- and polyfluoroalkyl substance contamination from landfill leachate by reverse osmosis membranes in Thailand. <i>Journal of Water Process Engineering</i> , 2022, 45, 102520.	5.6	9
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19	Where Is the <sc>PFAS</sc>? Innovations in <sc>PFAS</sc> Detection and Characterization. Ground Water Monitoring and Remediation, 2022, 42, 13-23.	0.8	3
20	Leveraging DOM UV absorbance and fluorescence to accurately predict and monitor short-chain PFAS removal by fixed-bed carbon adsorbers. Water Research, 2022, 213, 118146.	11.3	11
21	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. Science of the Total Environment, 2022, 831, 154763.	8.0	23
22	Exploring the origin of efficient adsorption of poly- and perfluoroalkyl substances in household point-of-use water purifiers: Deep insights from a joint experimental and computational study. Science of the Total Environment, 2022, 831, 154988.	8.0	16
23	Point-of-Use Drinking Water Treatment Systems and Their Performance in Removal of Emerging Contaminants. Energy, Environment, and Sustainability, 2022, , 463-485.	1.0	0
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26	Select Per- and Polyfluoroalkyl Substances (PFAS) Induce Resistance to Carboplatin in Ovarian Cancer Cell Lines. International Journal of Molecular Sciences, 2022, 23, 5176.	4.1	8
27	Photocatalytic degradation of GenX in water using a new adsorptive photocatalyst. Water Research, 2022, 220, 118650.	11.3	32
28	Strategies for sustainable and ecofriendly pest management in Agroecosystem. , 2022, , 365-381.		1
29	Evaluating maternal exposure to an environmental per and polyfluoroalkyl substances (PFAS) mixture during pregnancy: Adverse maternal and fetoplacental effects in a New Zealand White (NZW) rabbit model. Science of the Total Environment, 2022, 838, 156499.	8.0	12
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31	Hydrolytically Stable Ionic Fluorogels for High-Performance Remediation of Per- and Polyfluoroalkyl Substances (PFAS) from Natural Water. Angewandte Chemie - International Edition, 2022, 61, .	13.8	12
32	Meeting the Water and Sanitation Challenges of Underbunded Communities in the U.S.. Environmental Science & Technology, 2022, 56, 11180-11188.	10.0	9
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35	Metal-Doped Carbon-Supported/Modified Titanate Nanotubes for Perfluorooctane Sulfonate Degradation in Water-Effects of Preparation Conditions, Mechanisms, and Parameter Optimization. SSRN Electronic Journal, 0, , .	0.4	0
36	Removing forever chemicals via amphiphilic functionalized membranes. Npj Clean Water, 2022, 5, .	8.0	6

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38	Pre- and Postapplication Thermal Treatment Strategies for Sorption Enhancement and Reactivation of Biochars for Removal of Per- and Polyfluoroalkyl Substances from Water. <i>ACS ES&amp;T Engineering</i> , 2023, 3, 193-200.	7.6	8
39	Impacts of Environmental and Engineered Processes on the PFAS Fingerprint of Fluorotelomer-Based AFFF. <i>Environmental Science &amp; Technology</i> , 2023, 57, 244-254.	10.0	7
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41	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
42	Human exposure to per- and polyfluoroalkyl substances and other emerging contaminants in drinking water. <i>Npj Clean Water</i> , 2023, 6, .	8.0	8
44	Thermal Phase Transition and Rapid Degradation of Forever Chemicals (PFAS) in Spent Media Using Induction Heating. <i>ACS ES&amp;T Engineering</i> , 2023, 3, 1370-1380.	7.6	7
45	Management of pointâ€œuse and pointâ€œentry for regulatory compliance: Survey of state administrators. <i>AWWA Water Science</i> , 2023, 5, .	2.1	1
46	Regeneratable Graphene-Based Water Filters for Heavy Metal Removal at Home. <i>ACS ES&amp;T Water</i> , 2023, 3, 2179-2185.	4.6	1
47	Mechanistic Investigations of Thermal Decomposition of Perfluoroalkyl Ether Carboxylic Acids and Short-Chain Perfluoroalkyl Carboxylic Acids. <i>Environmental Science &amp; Technology</i> , 2023, 57, 8796-8807.	10.0	9
48	PFAS levels in paired drinking water and serum samples collected from an exposed community in Central North Carolina. <i>Science of the Total Environment</i> , 2023, 895, 165091.	8.0	3
49	<sc>MAD</sc> water: Integrating modular, adaptive, and decentralized approaches for water security in the climate change era. <i>Wiley Interdisciplinary Reviews: Water</i> , 2023, 10, .	6.5	8
50	Ultra-high capacity, multifunctional nanoscale sorbents for PFOA and PFOS treatment. <i>Npj Clean Water</i> , 2023, 6, .	8.0	2
51	Discovery of Unregulated Contaminants in Drinking Water: Evidence from PFAS and Housing Prices. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
52	Elevated Levels of Ultrashort- and Short-Chain Perfluoroalkyl Acids in US Homes and People. <i>Environmental Science &amp; Technology</i> , 2023, 57, 15782-15793.	10.0	7
53	Faucet-mounted point-of-use drinking water filters to improve water quality in households served by private wells. <i>Science of the Total Environment</i> , 2024, 906, 167252.	8.0	0
54	Porous Fe-doped graphitized biochar: An innovative approach for co-removing per-/polyfluoroalkyl substances with different chain lengths from natural waters and wastewater. <i>Chemical Engineering Journal</i> , 2023, 476, 146888.	12.7	3
55	A Critical Review on PFAS Removal from Water: Removal Mechanism and Future Challenges. <i>Sustainability</i> , 2023, 15, 16173.	3.2	0

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59	Cross-national challenges and strategies for PFAS regulatory compliance in water infrastructure. , 2023, 1, 1004-1015.		1
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62	A high-throughput small volume matrix based calibration using isotope dilution liquid chromatography tandem mass spectrometry analysis for 42 per and polyfluoroalkyl substances in groundwater. <i>Journal of Chromatography A</i> , 2024, 1716, 464633.	3.7	0
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