

Perfluoroalkyl and polyfluoroalkyl substances in the environment: their classification, and origins

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Letter to the Editor regarding, "Polyfluorinated Compounds: Past, Present, and Future". Environmental Science & Technology, 2011, 45, 9821-9821.	4.6	1
2	Perfluoroalkyl and polyfluoroalkyl substances: current and future perspectives. Environmental Chemistry, 2011, 8, 333.	0.7	204
3	In Ovo Effects of Perfluorohexane Sulfonate and Perfluorohexanoate on Pipping Success, Development, mRNA Expression, and Thyroid Hormone Levels in Chicken Embryos. Toxicological Sciences, 2012, 127, 216-224.	1.4	49
4	Experimental hydrophobicity parameters of perfluorinated alkylated substances from reversed-phase high-performance liquid chromatography. Environmental Chemistry, 2012, 9, 564.	0.7	21
5	Perfluoroalkylated substances in food: occurrence and dietary exposure. EFSA Journal, 2012, 10, 2743.	0.9	99
6	Serum levels of perfluorinated compounds and sperm Y:X chromosome ratio in two European populations and in Inuit from Greenland. Reproductive Toxicology, 2012, 34, 644-650.	1.3	21
7	Ecological risk assessment of perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in marine environment using <i>Isochrysis galbana</i> , <i>Paracentrotus lividus</i> , <i>Siriella armata</i> and <i>Psetta maxima</i> . Journal of Environmental Monitoring, 2012, 14, 1375.	2.1	51
8	Aerobic Soil Biodegradation of 8:2 Fluorotelomer Stearate Monoester. Environmental Science & Technology, 2012, 46, 3831-3836.	4.6	55
9	Phosphorus-Containing Fluorinated Organics: Polyfluoroalkyl Phosphoric Acid Diesters (diPAPs), Perfluorophosphonates (PFPAAs), and Perfluorophosphinates (PFPIAs) in Residential Indoor Dust. Environmental Science & Technology, 2012, 46, 12575-12582.	4.6	125
10	Uptake of Perfluorinated Alkyl Acids by Hydroponically Grown Lettuce (<i>Lactuca sativa</i>). Environmental Science & Technology, 2012, 46, 11735-11743.	4.6	236
11	Per- and Polyfluoroalkyl Substances in Landfill Leachate: Patterns, Time Trends, and Sources. Environmental Science & Technology, 2012, 46, 11532-11540.	4.6	183
12	Perfluorooctanoic acid (PFOA), an emerging drinking water contaminant: A critical review of recent literature. Environmental Research, 2012, 116, 93-117.	3.7	471
13	High-dose dietary exposure of mice to perfluorooctanoate or perfluorooctane sulfonate exerts toxic effects on myeloid and B-lymphoid cells in the bone marrow and these effects are partially dependent on reduced food consumption. Food and Chemical Toxicology, 2012, 50, 2955-2963.	1.8	27
14	Human dietary exposure to perfluoroalkyl substances in Catalonia, Spain. Temporal trend. Food Chemistry, 2012, 135, 1575-1582.	4.2	106
15	Use of the bioaccumulation factor to screen chemicals for bioaccumulation potential. Environmental Toxicology and Chemistry, 2012, 31, 2261-2268.	2.2	64
16	Perfluorooctanoic acid (PFOA) – main concerns and regulatory developments in Europe from an environmental point of view. Environmental Sciences Europe, 2012, 24, .	2.6	149
17	Perfluoroalkyl substances in polar bear mother-cub pairs: A comparative study based on plasma levels from 1998 and 2008. Environment International, 2012, 49, 92-99.	4.8	60
18	Perfluoroalkyl Acids in the Atlantic and Canadian Arctic Oceans. Environmental Science & Technology, 2012, 46, 5815-5823.	4.6	136

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19	Impact of Treatment Processes on the Removal of Perfluoroalkyl Acids from the Drinking Water Production Chain. <i>Environmental Science & Technology</i> , 2012, 46, 1708-1715.	4.6	235
20	Perfluorinated Alkyl Acids in Blood Serum from Primiparous Women in Sweden: Serial Sampling during Pregnancy and Nursing, And Temporal Trends 1996-2010. <i>Environmental Science & Technology</i> , 2012, 46, 9071-9079.	4.6	351
21	Organohalogen contaminants of emerging concern in Great Lakes fish: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2639-2658.	1.9	35
22	Determination of polyfluoroalkyl phosphoric acid diesters, perfluoroalkyl phosphonic acids, perfluoroalkyl phosphinic acids, perfluoroalkyl carboxylic acids, and perfluoroalkane sulfonic acids in lake trout from the Great Lakes region. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2699-2709.	1.9	56
23	Determination of perfluoroalkyl carboxylic, sulfonic, and phosphonic acids in food. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2193-2201.	1.9	34
24	Unique Physicochemical Properties of Perfluorinated Compounds and Their Bioconcentration in Common Carp <i>Cyprinus carpio</i> L.. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 62, 672-680.	2.1	85
25	Determination of C5-C12 perfluoroalkyl carboxylic acids in river water samples in the Czech Republic by GC-MS after SPE preconcentration. <i>Chemosphere</i> , 2012, 87, 463-469.	4.2	30
26	A simple and rapid extraction method for sensitive determination of perfluoroalkyl substances in blood serum suitable for exposure evaluation. <i>Journal of Chromatography A</i> , 2012, 1235, 84-91.	1.8	23
27	A fast and simple procedure for determination of perfluoroalkyl substances in food and feed: a method verification by an interlaboratory study. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7817-7827.	1.9	2
28	Perfluorinated alkylated substances in vegetables collected in four European countries; occurrence and human exposure estimations. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7930-7939.	2.7	76
29	Bioaccumulation of perfluoroalkyl acids in dairy cows in a naturally contaminated environment. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7959-7969.	2.7	62
30	Perfluoroalkyl substances (PFASs) in food and water from Faroe Islands. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7940-7948.	2.7	76
31	Polyfluoroalkyl phosphate esters and perfluoroalkyl carboxylic acids in target food samples and packaging-method development and screening. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7949-7958.	2.7	67
32	High levels of perfluoroalkyl acids in eggs and embryo livers of great cormorant (<i>Phalacrocorax Tj</i>) ETQq1 1 0.784314 rgBT /Overlock 10 and <i>Pollution Research</i> , 2013, 20, 8021-8030.	2.7	27
33	6:2 and 8:2 Fluorotelomer Alcohol Anaerobic Biotransformation in Digester Sludge from a WWTP under Methanogenic Conditions. <i>Environmental Science & Technology</i> , 2013, 47, 4227-4235.	4.6	118
34	Perfluorooctane sulfonate (PFOS) contamination of fish in urban lakes: A prioritization methodology for lake management. <i>Water Research</i> , 2013, 47, 7264-7272.	5.3	16
35	Microbial degradation of polyfluoroalkyl chemicals in the environment: A review. <i>Environment International</i> , 2013, 61, 98-114.	4.8	354
36	Elimination kinetics of perfluorohexanoic acid in humans and comparison with mouse, rat and monkey. <i>Chemosphere</i> , 2013, 93, 2419-2425.	4.2	83

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37	Bioaccumulation of Perfluoroalkyl Substances by <i>Daphnia magna</i> in Water with Different Types and Concentrations of Protein. <i>Environmental Science & Technology</i> , 2013, 47, 10955-10963.	4.6	85
38	In situ water and particle-water partitioning of perfluorocarboxylic acids, perfluorosulfonic acids and perfluorooctyl sulfonamide at a wastewater treatment plant. <i>Chemosphere</i> , 2013, 92, 941-948.	4.2	35
39	Perfluoroalkyl acids in the Canadian environment: Multi-media assessment of current status and trends. <i>Environment International</i> , 2013, 59, 183-200.	4.8	65
40	Partition of perfluoroalkyl substances (PFASs) in whole blood and plasma, assessed in maternal and umbilical cord samples from inhabitants of arctic Russia and Uzbekistan. <i>Science of the Total Environment</i> , 2013, 447, 430-437.	3.9	129
41	Aerobic Soil Biotransformation of 6:2 Fluorotelomer Iodide. <i>Environmental Science & Technology</i> , 2013, 47, 11504-11511.	4.6	22
42	Increasing Concentrations of Perfluoroalkyl Acids in Scandinavian Otters (<i>Lutra lutra</i>) between 1972 and 2011: A New Threat to the Otter Population?. <i>Environmental Science & Technology</i> , 2013, 47, 11757-11765.	4.6	33
44	Nordic research on per- and polyfluoroalkyl substances (PFASs). <i>Environmental Science and Pollution Research</i> , 2013, 20, 7926-7929.	2.7	8
45	LC-MS Quantification of a Sulfosuccinate Surfactant in Agrochemical Formulations. <i>Chromatographia</i> , 2013, 76, 1729-1737.	0.7	3
46	6:2 Fluorotelomer alcohol biotransformation in an aerobic river sediment system. <i>Chemosphere</i> , 2013, 90, 203-209.	4.2	76
47	Presence and sources of anthropogenic perfluoroalkyl acids in high-consumption tap-water based beverages. <i>Chemosphere</i> , 2013, 90, 36-41.	4.2	34
48	Mechanisms for removal of perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) from drinking water by conventional and enhanced coagulation. <i>Water Research</i> , 2013, 47, 49-56.	5.3	180
49	Both sub-acute, moderate-dose and short-term, low-dose dietary exposure of mice to perfluorooctane sulfonate exacerbates concanavalin A-induced hepatitis. <i>Toxicology Letters</i> , 2013, 217, 67-74.	0.4	18
50	Determination of perfluorinated compounds in aquatic organisms: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 143-157.	1.9	75
51	Aerobic biodegradation of 8:2 fluorotelomer stearate monoester and 8:2 fluorotelomer citrate triester in forest soil. <i>Chemosphere</i> , 2013, 91, 399-405.	4.2	28
52	6:2 Fluorotelomer alcohol aerobic biotransformation in activated sludge from two domestic wastewater treatment plants. <i>Chemosphere</i> , 2013, 92, 464-470.	4.2	65
53	In situ fate and partitioning of waterborne perfluoroalkyl acids (PFAAs) in the Youngsan and Nakdong River Estuaries of South Korea. <i>Science of the Total Environment</i> , 2013, 445-446, 136-145.	3.9	80
54	Adult dose-dependent behavioral and cognitive disturbances after a single neonatal PFHxS dose. <i>Toxicology</i> , 2013, 304, 185-191.	2.0	91
55	Trends, analytical methods and precision in the determination of perfluoroalkyl acids in human milk. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 46, 118-128.	5.8	21

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56	Perfluoroalkyl substances in soft tissues and tail feathers of Belgian barn owls (<i>Tyto alba</i>) using statistical methods for left-censored data to handle non-detects. <i>Environment International</i> , 2013, 52, 9-16.	4.8	45
57	Per- and polyfluoroalkyl substances in selected sewage sludge in Nigeria. <i>Chemosphere</i> , 2013, 92, 329-335.	4.2	50
58	Fluorinated alternatives to long-chain perfluoroalkyl carboxylic acids (PFCAs), perfluoroalkane sulfonic acids (PFSA) and their potential precursors. <i>Environment International</i> , 2013, 60, 242-248.	4.8	623
59	Trends of perfluorochemicals in Greenland ringed seals and polar bears: Indications of shifts to decreasing trends. <i>Chemosphere</i> , 2013, 93, 1607-1614.	4.2	82
60	Association between thyroid profile and perfluoroalkyl acids: Data from NHNAES 2007-2008. <i>Environmental Research</i> , 2013, 126, 51-59.	3.7	68
61	Absorption, Distribution, and Milk Secretion of the Perfluoroalkyl Acids PFBS, PFHxS, PFOS, and PFOA by Dairy Cows Fed Naturally Contaminated Feed. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2903-2912.	2.4	95
62	Rigid Adherent-Resistant Elastomers (RARE): Nano-, Meso-, and Microscale Tuning of Hybrid Fluorous Polyoxetane-Polyurethane Blend Coatings. <i>Macromolecules</i> , 2013, 46, 2984-2996.	2.2	11
63	<i>Environmental Analysis</i> , 2013, , 337-388.		3
64	Bioaccumulation of perfluoroalkyl carboxylates (PFCAs) and perfluoroalkane sulfonates (PFSA) by earthworms (<i>Eisenia fetida</i>) in soil. <i>Environmental Pollution</i> , 2013, 179, 45-52.	3.7	79
65	Heterogeneous Photooxidation of Fluorotelomer Alcohols: A New Source of Aerosol-Phase Perfluorinated Carboxylic Acids. <i>Environmental Science & Technology</i> , 2013, 47, 6358-6367.	4.6	46
66	Perfluorinated alkylated acids in groundwater and drinking water: Identification, origin and mobility. <i>Science of the Total Environment</i> , 2013, 458-460, 477-485.	3.9	104
67	POPs analysis reveals issues in bringing laboratories in developing countries to a higher quality level. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 46, 198-206.	5.8	11
68	Perfluoroalkyl carboxylic acids with up to 22 carbon atoms in snow and soil samples from a ski area. <i>Chemosphere</i> , 2013, 91, 832-837.	4.2	32
69	Estimation of the Acid Dissociation Constant of Perfluoroalkyl Carboxylic Acids through an Experimental Investigation of their Water-to-Air Transport. <i>Environmental Science & Technology</i> , 2013, 47, 11032-11039.	4.6	97
70	Transfer of perfluorooctane sulfonic acid (PFOS) from contaminated feed to dairy milk. <i>Food Chemistry</i> , 2013, 141, 1489-1495.	4.2	55
71	Occurrence of Perfluorinated Compounds in Raw Water from New Jersey Public Drinking Water Systems. <i>Environmental Science & Technology</i> , 2013, 47, 13266-13275.	4.6	99
72	Uptake of Perfluoroalkyl Acids into Edible Crops via Land Applied Biosolids: Field and Greenhouse Studies. <i>Environmental Science & Technology</i> , 2013, 47, 14062-14069.	4.6	213
73	Long-term effects of prenatal exposure to perfluoroalkyl substances on female reproduction. <i>Human Reproduction</i> , 2013, 28, 3337-3348.	0.4	102

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74	Abatement of Perfluorocarbons in Teflon-Manufacturing Wastewater with Photo-Reduction Method. Applied Mechanics and Materials, 0, 316-317, 331-334.	0.2	0
75	Associations between perfluoroalkyl compounds and immune and clinical chemistry parameters in highly exposed bottlenose dolphins (<i>Tursiops truncatus</i>). Environmental Toxicology and Chemistry, 2013, 32, 736-746.	2.2	72
76	Progress toward understanding the bioaccumulation of perfluorinated alkyl acids. Environmental Toxicology and Chemistry, 2013, 32, 2421-2423.	2.2	40
77	Perfluoroalkyl substances in eggs and plasma of an avian top predator, great skua (<i>Stercorarius</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	2.2	26
78	Brain region distribution and patterns of bioaccumulative perfluoroalkyl carboxylates and sulfonates in East Greenland polar bears (<i>Ursus maritimus</i>). Environmental Toxicology and Chemistry, 2013, 32, 713-722.	2.2	58
79	Quantification of pharmaceuticals, personal care products, and perfluoroalkyl substances in the marine sediments of Puget Sound, Washington, USA. Environmental Toxicology and Chemistry, 2013, 32, 1701-1710.	2.2	55
80	Human dietary exposure to per- and poly-fluoroalkyl substances (PFASs). , 2013, , 279-307.		5
81	Dietary exposure to selected perfluoroalkyl acids (PFAAs) in four European regions. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 2141-2151.	1.1	59
82	A critical review of perfluorooctanoate and perfluorooctanesulfonate exposure and cancer risk in humans. Critical Reviews in Toxicology, 2014, 44, 1-81.	1.9	132
83	Biotransformation pathways of fluorotelomer-based polyfluoroalkyl substances: A review. Environmental Toxicology and Chemistry, 2014, 33, 243-267.	2.2	219
84	Size and age-concentration relationships for perfluoroalkyl substances in stingray livers from eastern Australia. Science of the Total Environment, 2014, 496, 523-530.	3.9	29
85	Perfluorooctanoic Acid. , 2014, , 802-805.		0
86	Polyfluorinated Alkyl Phosphate Ester Surfactants - Current Knowledge and Knowledge Gaps. Basic and Clinical Pharmacology and Toxicology, 2014, 115, 41-44.	1.2	22
87	Exposure to Perfluoroalkyl Substances and Sperm DNA Global Methylation in Arctic and European Populations. Environmental and Molecular Mutagenesis, 2014, 55, 591-600.	0.9	45
88	Fate and effects of poly- and perfluoroalkyl substances in the aquatic environment: A review. Environmental Toxicology and Chemistry, 2014, 33, 1921-1929.	2.2	487
89	Perfluorinated compounds in fish from U.S. urban rivers and the Great Lakes. Science of the Total Environment, 2014, 499, 185-195.	3.9	88
90	Distribution of perfluoroalkyl substances (PFASs) with isomer analysis among the tissues of aquatic organisms in Taihu Lake, China. Environmental Pollution, 2014, 193, 224-232.	3.7	48
91	PFAAs in Fish and Other Seafood Products from Icelandic Waters. Journal of Environmental and Public Health, 2014, 2014, 1-6.	0.4	3

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92	Occurrence of eight household micropollutants in urban wastewater and their fate in a wastewater treatment plant. Statistical evaluation. <i>Science of the Total Environment</i> , 2014, 481, 459-468.	3.9	55
93	Transport of perfluoroalkyl acids in a water-saturated sediment column investigated under near-natural conditions. <i>Environmental Pollution</i> , 2014, 186, 7-13.	3.7	76
94	Treatment of poly- and perfluoroalkyl substances in U.S. full-scale water treatment systems. <i>Water Research</i> , 2014, 51, 246-255.	5.3	351
95	Toxicological evaluation of 6:2 fluorotelomer alcohol. <i>Toxicology</i> , 2014, 319, 1-9.	2.0	26
96	Behaviour and fate of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in drinking water treatment: A review. <i>Water Research</i> , 2014, 50, 318-340.	5.3	622
97	Evaluation of the reproductive and developmental toxicity of 6:2 fluorotelomer alcohol in rats. <i>Toxicology</i> , 2014, 317, 6-16.	2.0	19
98	Effects of chemical structure on the dynamic and static surface tensions of short-chain, multi-arm nonionic fluorosurfactants. <i>Journal of Colloid and Interface Science</i> , 2014, 428, 276-285.	5.0	42
99	High levels of perfluoroalkyl acids in sport fish species downstream of a firefighting training facility at Hamilton International Airport, Ontario, Canada. <i>Environment International</i> , 2014, 67, 1-11.	4.8	64
100	Temporal trends of perfluoroalkane sulfonic acids and their sulfonamide-based precursors in herring from the Swedish west coast 1991â€“2011 including isomer-specific considerations. <i>Environment International</i> , 2014, 65, 63-72.	4.8	31
101	Influence of fluorination on the characterization of fluorotelomer-based acrylate polymers by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 808, 115-123.	2.6	9
102	Characterisation of perfluorooctane sulfonate (PFOS) in a terrestrial ecosystem near a fluorochemical plant in Flanders, Belgium. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11856-11866.	2.7	37
103	Identification of Novel Fluorinated Surfactants in Aqueous Film Forming Foams and Commercial Surfactant Concentrates. <i>Environmental Science & Technology</i> , 2014, 48, 121-129.	4.6	275
104	POPs in Marine and Freshwater Environments. , 2014, , 357-390.		8
105	Determination of perfluorinated carboxylic acids in fish fillet by micro-solid phase extraction, followed by liquid chromatographyâ€“triple quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1369, 26-32.	1.8	32
106	Perfluoroalkylated Substances in the Global Tropical and Subtropical Surface Oceans. <i>Environmental Science & Technology</i> , 2014, 48, 13076-13084.	4.6	108
107	Neutral polyfluoroalkyl substances in the global Atmosphere. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 404-413.	1.7	46
108	Design of a fluorinated magneto-responsive material with tuneable ultrasound scattering properties. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1285.	2.9	18
109	Spatial distribution and importance of potential perfluoroalkyl acid precursors in urban rivers and sewage treatment plant effluent â€“ Case study of Tama River, Japan. <i>Water Research</i> , 2014, 67, 77-85.	5.3	44

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110	Highly Elevated Serum Concentrations of Perfluoroalkyl Substances in Fishery Employees from Tangxun Lake, China. <i>Environmental Science & Technology</i> , 2014, 48, 3864-3874.	4.6	137
111	Perfluoroalkyl Acid Distribution in Various Plant Compartments of Edible Crops Grown in Biosolids-Amended soils. <i>Environmental Science & Technology</i> , 2014, 48, 7858-7865.	4.6	218
112	Orthogonal zirconium diol/C18 liquid chromatography-tandem mass spectrometry analysis of poly and perfluoroalkyl substances in landfill leachate. <i>Journal of Chromatography A</i> , 2014, 1359, 202-211.	1.8	71
113	Foodstuff analyses show that seafood and water are major perfluoroalkyl acids (PFAAs) sources to humans in Korea. <i>Journal of Hazardous Materials</i> , 2014, 279, 402-409.	6.5	83
114	Distribution and primary source analysis of per- and poly-fluoroalkyl substances with different chain lengths in surface and groundwater in two cities, North China. <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 318-328.	2.9	58
115	Spatial and vertical variations of perfluoroalkyl substances in sediments of the Haihe River, China. <i>Journal of Environmental Sciences</i> , 2014, 26, 1557-1566.	3.2	33
116	Environmentally benign perfluorooctanesulfonate alternatives using a Zn/CuI mediated Michael-type addition in imidazolium ionic liquids. <i>Green Chemistry</i> , 2014, 16, 2406-2410.	4.6	15
117	Assessment of perfluoroalkyl substances in food items at global scale. <i>Environmental Research</i> , 2014, 135, 181-189.	3.7	116
118	Human biomonitoring of emerging pollutants through non-invasive matrices: state of the art and future potential. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4063-4088.	1.9	128
119	Use of high-resolution mass spectrometry to identify precursors and biodegradation products of perfluorinated and polyfluorinated compounds in end-user products. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4745-4755.	1.9	19
120	Temporal trends (1999-2010) of perfluoroalkyl acids in commonly consumed food items. <i>Environmental Pollution</i> , 2014, 188, 102-108.	3.7	45
121	Case-control study on perfluorinated alkyl acids (PFAAs) and the risk of prostate cancer. <i>Environment International</i> , 2014, 63, 35-39.	4.8	59
122	HelsingÅr Statement on poly- and perfluorinated alkyl substances (PFASs). <i>Chemosphere</i> , 2014, 114, 337-339.	4.2	175
123	Toxicokinetics of Seven Perfluoroalkyl Sulfonic and Carboxylic Acids in Pigs Fed a Contaminated Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6861-6870.	2.4	55
124	Diffusion Coefficients of Fluorinated Surfactants in Water: Experimental Results and Prediction by Computer Simulation. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 3151-3159.	1.0	31
125	Evaluating the additivity of perfluoroalkyl acids in binary combinations on peroxisome proliferator-activated receptor- α activation. <i>Toxicology</i> , 2014, 316, 43-54.	2.0	54
126	Strongly amphiphilic wetting behavior for polyurethanes with polyoxetane soft blocks having α -CF ₂ H terminated side chains. <i>Polymer</i> , 2014, 55, 2170-2178.	1.8	6
127	In utero exposure to perfluorooctanoate (PFOA) or perfluorooctane sulfonate (PFOS) did not increase body weight or intestinal tumorigenesis in multiple intestinal neoplasia (Min/+) mice. <i>Environmental Research</i> , 2014, 132, 251-263.	3.7	31

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128	Parameters affecting the formation of perfluoroalkyl acids during wastewater treatment. <i>Journal of Hazardous Materials</i> , 2014, 272, 148-154.	6.5	68
129	Repeated measurements of per- and polyfluoroalkyl substances (PFASs) from 1979 to 2007 in males from Northern Norway: Assessing time trends, compound correlations and relations to age/birth cohort. <i>Environment International</i> , 2014, 67, 43-53.	4.8	99
130	Investigation of waste incineration of fluorotelomer-based polymers as a potential source of PFOA in the environment. <i>Chemosphere</i> , 2014, 110, 17-22.	4.2	49
131	Mutual impacts of wheat (<i>Triticum aestivum</i> L.) and earthworms (<i>Eisenia fetida</i>) on the bioavailability of perfluoroalkyl substances (PFASs) in soil. <i>Environmental Pollution</i> , 2014, 184, 495-501.	3.7	82
132	Maternal serum concentrations of per- and polyfluoroalkyl substances and their predictors in years with reduced production and use. <i>Environment International</i> , 2014, 69, 58-66.	4.8	118
133	Investigating sources and pathways of perfluoroalkyl acids (PFAAs) in aquifers in Tokyo using multiple tracers. <i>Science of the Total Environment</i> , 2014, 488-489, 51-60.	3.9	54
134	Concentration profiles and spatial distribution of perfluoroalkyl substances in an industrial center with condensed fluorochemical facilities. <i>Science of the Total Environment</i> , 2014, 490, 351-359.	3.9	78
135	Global emission inventories for C4-C14 perfluoroalkyl carboxylic acid (PFCA) homologues from 1951 to 2030, Part I: production and emissions from quantifiable sources. <i>Environment International</i> , 2014, 70, 62-75.	4.8	521
136	Global emission inventories for C4-C14 perfluoroalkyl carboxylic acid (PFCA) homologues from 1951 to 2030, part II: The remaining pieces of the puzzle. <i>Environment International</i> , 2014, 69, 166-176.	4.8	185
137	Synergistic effects of perfluoroalkyl acids mixtures with J-shaped concentration responses on viability of a human liver cell line. <i>Chemosphere</i> , 2014, 96, 81-88.	4.2	34
138	Wet Deposition and Photodegradation of Perfluoroalkyl Carboxylates and Fluorotelomer Alcohols: Distribution Pathways from Air to Water Environment. <i>Journal of Water and Environment Technology</i> , 2014, 12, 481-499.	0.3	7
139	Aerobic biotransformation studies of two trifluoromethoxy-substituted aliphatic alcohols and a novel fluorinated C3-based building block. <i>Journal of Fluorine Chemistry</i> , 2015, 177, 80-89.	0.9	3
140	Photodegradation of perfluorooctane sulfonate in environmental matrices. <i>Separation and Purification Technology</i> , 2015, 151, 172-176.	3.9	24
141	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. <i>Environmental Evidence</i> , 2015, 4, .	1.1	40
142	Can perfluoroalkyl acids biodegrade in the rumen simulation technique (RUSITEC)?. <i>Environmental Sciences Europe</i> , 2015, 27, 30.	2.6	2
143	Association between perfluoroalkyl acids and kidney function in a cross-sectional study of adolescents. <i>Environmental Health</i> , 2015, 14, 89.	1.7	86
144	Solid-phase extraction of perfluoroalkylated compounds from sea water. <i>Journal of Separation Science</i> , 2015, 38, 1942-1950.	1.3	12
145	Temporal trends of perfluoroalkyl substances (PFAS) in eggs of coastal and offshore birds: Increasing PFAS levels associated with offshore bird species breeding on the Pacific coast of Canada and wintering near Asia. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1799-1808.	2.2	52

#	ARTICLE	IF	CITATIONS
146	Chemical oxidization of some AFFFs leads to the formation of 6:2FTS and 8:2FTS. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2625-2628.	2.2	25
147	Perfluoroalkyl Acid Concentrations in Blood Samples Subjected to Transportation and Processing Delay. <i>PLoS ONE</i> , 2015, 10, e0137768.	1.1	22
148	An On-Line Solid Phase Extraction-Liquid Chromatography-Tandem Mass Spectrometry Method for the Determination of Perfluoroalkyl Acids in Drinking and Surface Waters. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-13.	0.7	32
149	Toxicology Data for Alternative "Short-Chain" Fluorinated Substances. <i>Molecular and Integrative Toxicology</i> , 2015, , 451-477.	0.5	16
150	Na ⁺ /Taurocholate Cotransporting Polypeptide and Apical Sodium-Dependent Bile Acid Transporter Are Involved in the Disposition of Perfluoroalkyl Sulfonates in Humans and Rats. <i>Toxicological Sciences</i> , 2015, 146, 363-373.	1.4	86
151	Physical and Biological Release of Poly- and Perfluoroalkyl Substances (PFASs) from Municipal Solid Waste in Anaerobic Model Landfill Reactors. <i>Environmental Science & Technology</i> , 2015, 49, 7648-7656.	4.6	88
152	Characterization of the thermolysis products of Nafion membrane: A potential source of perfluorinated compounds in the environment. <i>Scientific Reports</i> , 2015, 5, 9859.	1.6	77
153	Hydrophobic behaviour of non-fluorinated sol-gel based cotton and polyester fabric coatings. <i>Journal of Industrial Textiles</i> , 2015, 44, 815-834.	1.1	37
154	A benzothiazole-based receptor-immobilised silica nanoparticle as chemosensor for Hg ²⁺ . <i>Supramolecular Chemistry</i> , 2015, 27, 690-696.	1.5	6
155	The effect of oxygen in the photocatalytic oxidation pathways of perfluorooctanoic acid. <i>Journal of Fluorine Chemistry</i> , 2015, 179, 159-168.	0.9	32
156	Tissue Distribution and Whole Body Burden of the Chlorinated Polyfluoroalkyl Ether Sulfonic Acid F-53B in Crucian Carp (<i>Carassius carassius</i>): Evidence for a Highly Bioaccumulative Contaminant of Emerging Concern. <i>Environmental Science & Technology</i> , 2015, 49, 14156-14165.	4.6	191
157	Determination of perfluoroalkylated substances (PFASs) in drinking water from the Netherlands and Greece. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1-10.	1.1	13
158	Perfluoroalkyl and polyfluoroalkyl substances and human fetal growth: A systematic review. <i>Critical Reviews in Toxicology</i> , 2015, 45, 53-67.	1.9	223
159	Comparing humic substance and protein compound effects on the bioaccumulation of perfluoroalkyl substances by <i>Daphnia magna</i> in water. <i>Chemosphere</i> , 2015, 119, 978-986.	4.2	60
160	Temporal changes (1997-2012) of perfluoroalkyl acids and selected precursors (including isomers) in Swedish human serum. <i>Environmental Pollution</i> , 2015, 199, 166-173.	3.7	74
161	Occurrence of perfluoroalkyl acids in environmental waters in Vietnam. <i>Chemosphere</i> , 2015, 122, 115-124.	4.2	55
162	Association of polyfluoroalkyl chemical exposure with serum lipids in children. <i>Science of the Total Environment</i> , 2015, 512-513, 364-370.	3.9	92
163	Methodology for studying biotransformation of polyfluoroalkyl precursors in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 67, 167-178.	5.8	30

#	ARTICLE	IF	CITATIONS
164	Bioaccumulation of Perfluoroalkyl Acids by Earthworms (<i>Eisenia fetida</i>) Exposed to Contaminated Soils. <i>Environmental Science & Technology</i> , 2015, 49, 881-888.	4.6	72
165	Selecting reliable physicochemical properties of perfluoroalkyl and polyfluoroalkyl substances (PFASs) based on molecular descriptors. <i>Environmental Pollution</i> , 2015, 196, 462-472.	3.7	72
166	Perfluorinated and Polyfluorinated Compounds in Lake Food Webs from the Canadian High Arctic. <i>Environmental Science & Technology</i> , 2015, 49, 2694-2702.	4.6	134
167	In Vivo Bioavailability and In Vitro Bioaccessibility of Perfluorooctanoic Acid (PFOA) in Food Matrices: Correlation Analysis and Method Development. <i>Environmental Science & Technology</i> , 2015, 49, 150-158.	4.6	55
168	Elucidating the Molecular Basis of Adverse Health Effects from Exposure to Anthropogenic Polyfluorinated Compounds Using Toxicoproteomic Approaches. <i>Journal of Proteome Research</i> , 2015, 14, 51-58.	1.8	15
169	Transport of short-chain perfluoroalkyl acids from concentrated fluoropolymer facilities to the Daling River estuary, China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9626-9636.	2.7	46
170	Congeners. , 2015, , 347-393.		6
171	Estimating human exposure to PFOS isomers and PFCA homologues: The relative importance of direct and indirect (precursor) exposure. <i>Environment International</i> , 2015, 74, 160-169.	4.8	103
172	Microbial transformation of 8:2 fluorotelomer acrylate and methacrylate in aerobic soils. <i>Chemosphere</i> , 2015, 129, 54-61.	4.2	28
173	Occurrence of perfluorinated alkylated substances in cereals, salt, sweets and fruit items collected in four European countries. <i>Chemosphere</i> , 2015, 129, 179-185.	4.2	38
174	Perfluoroalkyl acids in various edible Baltic, freshwater, and farmed fish in Finland. <i>Chemosphere</i> , 2015, 129, 186-191.	4.2	42
175	Oral repeated-dose systemic and reproductive toxicity of 6:2 fluorotelomer alcohol in mice. <i>Toxicology Reports</i> , 2015, 2, 130-143.	1.6	23
176	Fluorine in medical microbubbles – Methodologies implemented for engineering and investigating fluorocarbon-based microbubbles. <i>Journal of Fluorine Chemistry</i> , 2015, 177, 19-28.	0.9	19
177	Identification of Novel Polyfluorinated Ether Sulfonates as PFOS Alternatives in Municipal Sewage Sludge in China. <i>Environmental Science & Technology</i> , 2015, 49, 6519-6527.	4.6	199
178	Perfluoroalkyl acids in municipal landfill leachates from China: Occurrence, fate during leachate treatment and potential impact on groundwater. <i>Science of the Total Environment</i> , 2015, 524-525, 23-31.	3.9	149
179	Enrichment of perfluorinated alkyl substances on polyethersulfone using 1-methylpyridine as ion-pair reagent for the clean-up of carrot and amended soil extracts. <i>Talanta</i> , 2015, 143, 263-270.	2.9	6
180	Aquatic hazard, bioaccumulation and screening risk assessment for 6:2 fluorotelomer sulfonate. <i>Chemosphere</i> , 2015, 128, 258-265.	4.2	48
181	Estimation of the total concentration of perfluoroalkyl acids (PFAA) in human serum: Data from NHANES 2005–2012. <i>Chemosphere</i> , 2015, 134, 387-394.	4.2	10

#	ARTICLE	IF	CITATIONS
182	Per- and polyfluorinated substances (PFASs): Environmental challenges. <i>Current Opinion in Colloid and Interface Science</i> , 2015, 20, 192-212.	3.4	207
183	Matrix Normalized MALDI-TOF Quantification of a Fluorotelomer-Based Acrylate Polymer. <i>Environmental Science & Technology</i> , 2015, 49, 6093-6101.	4.6	14
184	A modeling assessment of the physicochemical properties and environmental fate of emerging and novel per- and polyfluoroalkyl substances. <i>Science of the Total Environment</i> , 2015, 505, 981-991.	3.9	144
185	Alternative and Legacy Perfluoroalkyl Substances: Differences between European and Chinese River/Estuary Systems. <i>Environmental Science & Technology</i> , 2015, 49, 8386-8395.	4.6	241
186	In vitro evaluation of the cytotoxicity and modulation of mechanisms associated with inflammation induced by perfluorooctanesulfonate and perfluorooctanoic acid in human colon myofibroblasts CCD-18Co. <i>Toxicology in Vitro</i> , 2015, 29, 1683-1691.	1.1	19
187	Physiologically based pharmacokinetic modeling of perfluoroalkyl substances in the human body. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 814-827.	0.6	16
188	Characterizing direct emissions of perfluoroalkyl substances from ongoing fluoropolymer production sources: A spatial trend study of Xiaoqing River, China. <i>Environmental Pollution</i> , 2015, 206, 104-112.	3.7	90
189	Perfluoroalkyl acids (PFAAs) with isomer analysis in the commercial PFOS and PFOA products in China. <i>Chemosphere</i> , 2015, 127, 180-187.	4.2	67
190	Perfluorinated chemicals in blood serum of inhabitants in central Poland in relation to gender and age. <i>Science of the Total Environment</i> , 2015, 532, 548-555.	3.9	44
191	Attention Deficit/Hyperactivity Disorder and Childhood Autism in Association with Prenatal Exposure to Perfluoroalkyl Substances: A Nested Case-Control Study in the Danish National Birth Cohort. <i>Environmental Health Perspectives</i> , 2015, 123, 367-373.	2.8	108
192	Alternatives to PFASs: Perspectives on the Science. <i>Environmental Health Perspectives</i> , 2015, 123, A104-5.	2.8	37
193	Longitudinal measures of perfluoroalkyl substances (PFAS) in serum of Gullah African Americans in South Carolina: 2003-2013. <i>Environmental Research</i> , 2015, 143, 82-88.	3.7	37
194	Occurrence and sources of perfluoroalkyl acids in Italian river basins. <i>Chemosphere</i> , 2015, 129, 126-134.	4.2	98
195	Occurrence and point source characterization of perfluoroalkyl acids in sewage sludge. <i>Chemosphere</i> , 2015, 129, 62-73.	4.2	52
196	Estimating industrial and domestic environmental releases of perfluorooctanoic acid and its salts in China from 2004 to 2012. <i>Chemosphere</i> , 2015, 129, 100-109.	4.2	126
197	Elevated levels of perfluoroalkyl substances in estuarine sediments of Charleston, SC. <i>Science of the Total Environment</i> , 2015, 521-522, 79-89.	3.9	56
198	Delivery of unprecedented amounts of perfluoroalkyl substances towards the deep-sea. <i>Science of the Total Environment</i> , 2015, 526, 41-48.	3.9	31
199	Per- and polyfluoroalkyl substances in materials, humans and the environment. <i>Chemosphere</i> , 2015, 129, 1-3.	4.2	9

#	ARTICLE	IF	CITATIONS
200	Complement activation is involved in the hepatic injury caused by high-dose exposure of mice to perfluorooctanoic acid. <i>Chemosphere</i> , 2015, 129, 225-231.	4.2	13
201	Perfluoroalkyl acids in selected wastewater treatment plants and their discharge load within the Lake Victoria basin in Kenya. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 238.	1.3	48
202	Perfluoroalkyl and polyfluoroalkyl substances in consumer products. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14546-14559.	2.7	364
203	Spatial distribution and historical deposition behaviors of perfluoroalkyl substances (PFASs) in sediments of Lake Chaohu, a shallow eutrophic lake in Eastern China. <i>Ecological Indicators</i> , 2015, 57, 1-10.	2.6	36
204	PFASs in the General Population. <i>Molecular and Integrative Toxicology</i> , 2015, , 51-76.	0.5	3
205	Perfluorinated Compounds: An Overview. <i>Molecular and Integrative Toxicology</i> , 2015, , 1-21.	0.5	21
206	Verbreitet, aber kaum bewertet – perfluorierte Alkylsubstanzen. <i>Nachrichten Aus Der Chemie</i> , 2015, 63, 557-562.	0.0	7
207	Perfluorooctane sulfonate: A review of human exposure, biomonitoring and the environmental forensics utility of its chirality and isomer distribution. <i>Environment International</i> , 2015, 77, 148-159.	4.8	116
208	Inventory development for perfluorooctane sulfonic acid (PFOS) in Turkey: challenges to control chemicals in articles and products. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14537-14545.	2.7	7
209	Optimization and comparison of several extraction methods for determining perfluoroalkyl substances in abiotic environmental solid matrices using liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5767-5781.	1.9	21
210	Evaluating the impact of a fluoropolymer plant on a river macrobenthic community by a combined chemical, ecological and genetic approach. <i>Science of the Total Environment</i> , 2015, 538, 654-663.	3.9	10
211	Identification of Novel Perfluoroalkyl Ether Carboxylic Acids (PFECAs) and Sulfonic Acids (PFESAs) in Natural Waters Using Accurate Mass Time-of-Flight Mass Spectrometry (TOFMS). <i>Environmental Science & Technology</i> , 2015, 49, 11622-11630.	4.6	288
212	Electrochemical degradation of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in groundwater. <i>Water Science and Technology</i> , 2015, 71, 1569-1575.	1.2	98
213	Mass Balance of Perfluorinated Alkyl Acids in a Pristine Boreal Catchment. <i>Environmental Science & Technology</i> , 2015, 49, 12127-12135.	4.6	50
214	Exploring the Use of Molecular Docking to Identify Bioaccumulative Perfluorinated Alkyl Acids (PFAAs). <i>Environmental Science & Technology</i> , 2015, 49, 12306-12314.	4.6	81
215	Accumulation and phytotoxicity of perfluorooctanoic acid in the model plant species <i>Arabidopsis thaliana</i> . <i>Environmental Pollution</i> , 2015, 206, 560-566.	3.7	52
216	Influence of contaminated drinking water on perfluoroalkyl acid levels in human serum – A case study from Uppsala, Sweden. <i>Environmental Research</i> , 2015, 140, 673-683.	3.7	87
217	Comment on “Biodegradation of perfluorooctanesulfonate (PFOS) as an emerging contaminant”. <i>Chemosphere</i> , 2015, 138, 1037-1038.	4.2	12

#	ARTICLE	IF	CITATIONS
218	Perfluoroalkyl acids and their precursors in Swedish food: The relative importance of direct and indirect dietary exposure. <i>Environmental Pollution</i> , 2015, 198, 108-115.	3.7	67
219	Are imported consumer products an important diffuse source of PFASs to the Norwegian environment?. <i>Environmental Pollution</i> , 2015, 198, 223-230.	3.7	51
220	An on-line solid phase extraction-liquid chromatography tandem mass spectrometry method for the determination of perfluoroalkyl substances in the Antarctic ice core samples. <i>Chinese Chemical Letters</i> , 2015, 26, 1073-1078.	4.8	9
221	Reliability of perfluoroalkyl substances in plasma of 100 women in two consecutive pregnancies. <i>Environmental Research</i> , 2015, 140, 421-429.	3.7	27
222	A new oligo(hexafluoropropylene oxide)-b-oligo(ethylene oxide) diblock surfactant obtained by radical reactions. <i>Polymer Chemistry</i> , 2015, 6, 79-96.	1.9	16
223	Toxicokinetics of perfluorooctane sulfonate in birds under environmentally realistic exposure conditions and development of a kinetic predictive model. <i>Toxicology Letters</i> , 2015, 232, 363-368.	0.4	23
224	Production of PFOS from aerobic soil biotransformation of two perfluoroalkyl sulfonamide derivatives. <i>Chemosphere</i> , 2015, 119, 1084-1090.	4.2	146
225	Hazard assessment of fluorinated alternatives to long-chain perfluoroalkyl acids (PFAAs) and their precursors: Status quo, ongoing challenges and possible solutions. <i>Environment International</i> , 2015, 75, 172-179.	4.8	420
226	Associations of perfluorinated chemical serum concentrations and biomarkers of liver function and uric acid in the US population (NHANES), 2007-2010. <i>Environmental Research</i> , 2015, 136, 8-14.	3.7	140
227	Selected physicochemical aspects of poly- and perfluoroalkylated substances relevant to performance, environment and sustainability-Part one. <i>Chemosphere</i> , 2015, 129, 4-19.	4.2	199
228	Ethylene-tetrafluoroethylene (ETFE) copolymer iodides and their transformation to surface protection intermediates. <i>Journal of Fluorine Chemistry</i> , 2015, 169, 12-23.	0.9	2
229	Inhalation and oral toxicokinetics of 6:2 FTOH and its metabolites in mammals. <i>Chemosphere</i> , 2015, 120, 328-335.	4.2	44
230	Sources and fate of perfluorinated compounds in the aqueous environment and in drinking water of a highly urbanized and industrialized area in Italy. <i>Journal of Hazardous Materials</i> , 2015, 282, 51-60.	6.5	142
231	Carboxymethyl chitosan modulates the genotoxic risk and oxidative stress of perfluorooctanoic acid in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2016, 15, 57-66.	1.0	5
232	Alteration to Dopaminergic Synapses Following Exposure to Perfluorooctane Sulfonate (PFOS), in Vitro and in Vivo. <i>Medical Sciences (Basel, Switzerland)</i> , 2016, 4, 13.	1.3	7
233	Assessment of perfluorooctane sulfonate and perfluorooctanoic acid exposure through fish consumption in Italy. <i>Italian Journal of Food Safety</i> , 2016, 5, 6055.	0.5	9
234	Preventive effects of imperatorin on perfluorohexanesulfonate-induced neuronal apoptosis via inhibition of intracellular calcium-mediated ERK pathway. <i>Korean Journal of Physiology and Pharmacology</i> , 2016, 20, 399.	0.6	14
235	Contaminants in the Marine Environment. , 2016, , 1-34.		15

#	ARTICLE	IF	CITATIONS
236	Endocrine Aspects of Environmental "Obesogen" Pollutants. International Journal of Environmental Research and Public Health, 2016, 13, 765.	1.2	63
237	Biotransformation of 8:2 fluorotelomer alcohol by recombinant human cytochrome P450s, human liver microsomes and human liver cytosol. Environmental Sciences: Processes and Impacts, 2016, 18, 538-546.	1.7	20
238	Perfluoroalkyl acids (PFAAs) in indoor and outdoor dusts around a mega fluorochemical industrial park in China: Implications for human exposure. Environment International, 2016, 94, 667-673.	4.8	59
239	Demographic, Reproductive, and Dietary Determinants of Perfluorooctane Sulfonic (PFOS) and Perfluorooctanoic Acid (PFOA) Concentrations in Human Colostrum. Environmental Science & Technology, 2016, 50, 7152-7162.	4.6	19
240	Toxicokinetics of perfluorooctane sulfonate in rainbow trout (<i>Oncorhynchus mykiss</i>). Environmental Toxicology and Chemistry, 2016, 35, 717-727.	2.2	26
241	Status and Trends of Perfluoroalkyl Substances in Japan with Special Emphasis on the Tokyo Bay Basin. ACS Symposium Series, 2016, , 157-179.	0.5	0
242	Occurrence investigation of perfluorinated compounds in surface water from East Lake (Wuhan, China). Environmental Science and Technology, 2016, 50, 1014-1020.	1.6	14
243	Organic Anion Transporting Polypeptides Contribute to the Disposition of Perfluoroalkyl Acids in Humans and Rats. Toxicological Sciences, 2017, 156, kfw236.	1.4	55
244	Spatial distribution and source apportionment of PFASs in surface sediments from five lake regions, China. Scientific Reports, 2016, 6, 22674.	1.6	33
246	Preparation of a functional silica membrane coated on Fe ₃ O ₄ nanoparticle for rapid and selective removal of perfluorinated compounds from surface water sample. Chemical Engineering Journal, 2016, 303, 156-166.	6.6	43
247	Comparison of perfluoroalkyl substances contamination in farmed and wild-caught European sea bass (<i>Dicentrarchus labrax</i>). Food Control, 2016, 63, 224-229.	2.8	9
248	Aquatic hazard, bioaccumulation and screening risk assessment for ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-propanoate. Chemosphere, 2016, 149, 336-342.	4.2	19
249	Fluorinated pyridinium and ammonium cationic surfactants. Journal of Fluorine Chemistry, 2016, 187, 46-55.	0.9	7
250	Liquid chromatography mass spectrometry determination of perfluoroalkyl acids in environmental solid extracts after phospholipid removal and on-line turbulent flow chromatography purification. Journal of Chromatography A, 2016, 1453, 62-70.	1.8	32
251	Mercury, selenium and fish oils in marine food webs and implications for human health. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 43-59.	0.4	81
252	Aerobic biodegradation of toluene-2,4-di(8:2 fluorotelomer urethane) and hexamethylene-1,6-di(8:2) fluorotelomer urethane. Environmental Science and Technology, 2016, 50, 1014-1020.	4.2	11
253	Comparison of PFASs contamination in the freshwater and terrestrial environments by analysis of eggs from osprey (<i>Pandion haliaetus</i>), tawny owl (<i>Strix aluco</i>), and common kestrel (<i>Falco tinnunculus</i>). Environmental Science and Technology, 2016, 50, 97-104.	0.4	97
254	Perfluoroalkyl Acid Concentrations in Livers of Fox (<i>Vulpes vulpes</i>) and Chamois (<i>Rupicapra rupicapra</i>). Environmental Science and Technology, 2016, 50, 7-15.	2.1	13

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255	Perfluoroalkyl substances in older male anglers in Wisconsin. <i>Environment International</i> , 2016, 91, 312-318.	4.8	60
256	Simultaneous determination of perfluoroalkyl iodides, perfluoroalkane sulfonamides, fluorotelomer alcohols, fluorotelomer iodides and fluorotelomer acrylates and methacrylates in water and sediments using solid-phase microextraction-gas chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1448, 98-106.	1.8	63
257	Effects of developmental exposure to perfluorooctanoic acid (PFOA) on long bone morphology and bone cell differentiation. <i>Toxicology and Applied Pharmacology</i> , 2016, 301, 14-21.	1.3	55
258	Variability of perfluoroalkyl substance concentrations in pregnant women by socio-demographic and dietary factors in a Spanish birth cohort. <i>Environment International</i> , 2016, 92-93, 357-365.	4.8	67
259	A national discharge load of perfluoroalkyl acids derived from industrial wastewater treatment plants in Korea. <i>Science of the Total Environment</i> , 2016, 563-564, 530-537.	3.9	33
260	Screening of potential probiotic lactic acid bacteria based on gastrointestinal properties and perfluorooctanoate toxicity. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6755-6766.	1.7	11
261	Maternal serum perfluoroalkyl substances during pregnancy and duration of breastfeeding. <i>Environmental Research</i> , 2016, 149, 239-246.	3.7	62
262	A critical review of perfluorooctanoate and perfluorooctanesulfonate exposure and immunological health conditions in humans. <i>Critical Reviews in Toxicology</i> , 2016, 46, 279-331.	1.9	127
263	Per- and polyfluoroalkyl substances in the Western Mediterranean Sea waters. <i>Chemosphere</i> , 2016, 159, 308-316.	4.2	30
264	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.	3.7	67
265	Uptake of perfluorooctanoic acid, perfluorooctane sulfonate and perfluorooctane sulfonamide by carrot and lettuce from compost amended soil. <i>Science of the Total Environment</i> , 2016, 571, 444-451.	3.9	84
266	Engineering artificial communities for enhanced FTOH degradation. <i>Science of the Total Environment</i> , 2016, 572, 935-942.	3.9	24
267	Behavioral difficulties in 7-year old children in relation to developmental exposure to perfluorinated alkyl substances. <i>Environment International</i> , 2016, 97, 237-245.	4.8	93
268	Screening for perfluoroalkyl acids in consumer products, building materials and wastes. <i>Chemosphere</i> , 2016, 164, 322-329.	4.2	75
269	Poly- and perfluoroalkylated substances (PFASs) in water, sediment and fish muscle tissue from Lake Tana, Ethiopia and implications for human exposure. <i>Chemosphere</i> , 2016, 165, 352-357.	4.2	69
270	Seasonal accumulation of persistent organic pollutants on a high altitude glacier in the Eastern Alps. <i>Environmental Pollution</i> , 2016, 218, 804-812.	3.7	27
271	Changes in serum levels of perfluoroalkyl substances during a 10-year follow-up period in a large population-based cohort. <i>Environment International</i> , 2016, 95, 86-92.	4.8	54
272	Neutral and ionic per- and polyfluoroalkyl substances (PFASs) in atmospheric and dry deposition samples over a source region (Tianjin, China). <i>Environmental Pollution</i> , 2016, 212, 449-456.	3.7	50

#	ARTICLE	IF	CITATIONS
273	Identification, Tissue Distribution, and Bioaccumulation Potential of Cyclic Perfluorinated Sulfonic Acids Isomers in an Airport Impacted Ecosystem. <i>Environmental Science & Technology</i> , 2016, 50, 10923-10932.	4.6	62
274	Perfluorinated alkyl substances (PFASs) in household dust in Central Europe and North America. <i>Environment International</i> , 2016, 94, 315-324.	4.8	87
275	Identification of Biomarkers of Exposure to FTOHs and PAPs in Humans Using a Targeted and Nontargeted Analysis Approach. <i>Environmental Science & Technology</i> , 2016, 50, 10216-10225.	4.6	40
276	Systematic determination of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in outdoor jackets. <i>Chemosphere</i> , 2016, 160, 173-180.	4.2	48
277	Detection of Poly- and Perfluoroalkyl Substances (PFASs) in U.S. Drinking Water Linked to Industrial Sites, Military Fire Training Areas, and Wastewater Treatment Plants. <i>Environmental Science and Technology Letters</i> , 2016, 3, 344-350.	3.9	839
278	Levels of Contamination by Perfluoroalkyl Substances in Honey from Selected European Countries. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 112-118.	1.3	10
279	Pine Needles for the Screening of Perfluorinated Alkylated Substances (PFASs) along Ski Tracks. <i>Environmental Science & Technology</i> , 2016, 50, 9487-9496.	4.6	21
280	Getting on with persistent pollutants: Decreasing trends of perfluoroalkyl acids (PFAAs) in sewage sludge. <i>Chemosphere</i> , 2016, 161, 527-535.	4.2	26
281	Analysis of 29 per- and polyfluorinated compounds in water, sediment, soil and sludge by liquid chromatography-tandem mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 705-728.	1.8	62
282	How reliable are field-derived biomagnification factors and trophic magnification factors as indicators of bioaccumulation potential? Conclusions from a case study on per- and polyfluoroalkyl substances. <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 6-20.	1.6	65
283	Prenatal perfluoroalkyl substance exposure and child adiposity at 8 years of age: The HOME study. <i>Obesity</i> , 2016, 24, 231-237.	1.5	176
284	Emission of poly and perfluoroalkyl substances, UV-filters and siloxanes to air from wastewater treatment plants. <i>Environmental Pollution</i> , 2016, 218, 595-604.	3.7	53
285	Mind the Gap: Persistent and Mobile Organic Compounds—Water Contaminants That Slip Through. <i>Environmental Science & Technology</i> , 2016, 50, 10308-10315.	4.6	280
286	Residual organic fluorinated compounds from thermal treatment of PFOA, PFHxA and PFOS adsorbed onto granular activated carbon (GAC). <i>Journal of Material Cycles and Waste Management</i> , 2016, 18, 625-630.	1.6	57
287	A North American and global survey of perfluoroalkyl substances in surface soils: Distribution patterns and mode of occurrence. <i>Chemosphere</i> , 2016, 161, 333-341.	4.2	207
288	Activation of the estrogen receptor by human serum extracts containing mixtures of perfluorinated alkyl acids from pregnant women. <i>Environmental Research</i> , 2016, 151, 71-79.	3.7	21
289	A systematic study of the impact of hydrophobicity on the wetting of MD membranes. <i>Journal of Membrane Science</i> , 2016, 520, 850-859.	4.1	69
290	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.	3.9	444

#	ARTICLE	IF	CITATIONS
291	Developing QSPR model of gas/particle partition coefficients of neutral poly-/perfluoroalkyl substances. <i>Atmospheric Environment</i> , 2016, 143, 270-277.	1.9	10
292	Degradation and Removal Methods for Perfluoroalkyl and Polyfluoroalkyl Substances in Water. <i>Environmental Engineering Science</i> , 2016, 33, 615-649.	0.8	254
293	Microbial toxicity and biodegradability of perfluorooctane sulfonate (PFOS) and shorter chain perfluoroalkyl and polyfluoroalkyl substances (PFASs). <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 1236-1246.	1.7	77
294	Bioavailability and bioconcentration potential of perfluoroalkyl-phosphinic and -phosphonic acids in zebrafish (<i>Danio rerio</i>): Comparison to perfluorocarboxylates and perfluorosulfonates. <i>Science of the Total Environment</i> , 2016, 568, 33-41.	3.9	34
295	Exposure of Norwegian toddlers to perfluoroalkyl substances (PFAS): The association with breastfeeding and maternal PFAS concentrations. <i>Environment International</i> , 2016, 94, 687-694.	4.8	72
296	Preconception perfluoroalkyl and polyfluoroalkyl substances and incident pregnancy loss, LIFE Study. <i>Reproductive Toxicology</i> , 2016, 65, 11-17.	1.3	22
297	Can Chemical Class Approaches Replace Chemical-by-Chemical Strategies? Lessons from Recent U.S. FDA Regulatory Action on Per- And Polyfluoroalkyl Substances. <i>Environmental Science & Technology</i> , 2016, 50, 12584-12591.	4.6	17
298	Effect of chemical structure on the sonochemical degradation of perfluoroalkyl and polyfluoroalkyl substances (PFASs). <i>Environmental Science: Water Research and Technology</i> , 2016, 2, 975-983.	1.2	57
299	Temporal Trends and Geographical Differences of Perfluoroalkyl Acids in Baltic Sea Herring and White-Tailed Sea Eagle Eggs in Sweden. <i>Environmental Science & Technology</i> , 2016, 50, 13070-13079.	4.6	35
300	Fluorchemikalien: FunktionalitÄt und Umweltschutz. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 969-971.	0.0	4
301	Trace determination of perfluorooctane sulfonate and perfluorooctanoic acid in environmental samples (surface water, wastewater, biota, sediments, and sewage sludge) using liquid chromatography – Orbitrap mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1473, 109-121.	1.8	63
302	Biodegradation Property of 8:2 Fluorotelomer Alcohol (8:2 FTOH) under Aerobic/Anoxic/Anaerobic Conditions. <i>Journal of Water and Environment Technology</i> , 2016, 14, 177-190.	0.3	28
303	Brief Report. <i>Epidemiology</i> , 2016, 27, 712-715.	1.2	12
304	Trifluoromethyl aldimines: an overview in the last ten years. <i>Tetrahedron</i> , 2016, 72, 4449-4489.	1.0	35
305	Sorption of perfluoroalkyl substances to two types of minerals. <i>Chemosphere</i> , 2016, 159, 385-391.	4.2	70
306	Short- and long-chain perfluoroalkyl substances in the water, suspended particulate matter, and surface sediment of a turbid river. <i>Science of the Total Environment</i> , 2016, 568, 57-65.	3.9	161
307	Spatiotemporal variation in home range size of female polar bears and correlations with individual contaminant load. <i>Polar Biology</i> , 2016, 39, 1479-1489.	0.5	11
308	Perfluoroalkyl Acids (PFAAs) and Selected Precursors in the Baltic Sea Environment: Do Precursors Play a Role in Food Web Accumulation of PFAAs?. <i>Environmental Science & Technology</i> , 2016, 50, 6354-6362.	4.6	74

#	ARTICLE	IF	CITATIONS
309	Transcriptional changes in steroidogenesis by perfluoroalkyl acids (PFOA and PFOS) regulate the synthesis of sex hormones in H295R cells. <i>Chemosphere</i> , 2016, 155, 436-443.	4.2	71
310	Neutral polyfluoroalkyl substances in the atmosphere over the northern South China Sea. <i>Environmental Pollution</i> , 2016, 214, 449-455.	3.7	34
311	Molecular impacts of perfluorinated chemicals (PFASs) in the liver and testis of male largemouth bass (<i>Micropterus salmoides</i>) in Minnesota Lakes. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 19, 129-139.	0.4	10
312	Occurrence of select perfluoroalkyl substances at U.S. Air Force aqueous film-forming foam release sites other than fire-training areas: Field-validation of critical fate and transport properties. <i>Chemosphere</i> , 2016, 150, 678-685.	4.2	254
313	Temporal trends of perfluoroalkyl substances in limed biosolids from a large municipal water resource recovery facility. <i>Journal of Environmental Management</i> , 2016, 165, 88-95.	3.8	38
314	Biotransformation potential of 6:2 fluorotelomer sulfonate (6:2 FTSA) in aerobic and anaerobic sediment. <i>Chemosphere</i> , 2016, 154, 224-230.	4.2	109
315	Toxicokinetics of perfluorooctane sulfonate in rabbits under environmentally realistic exposure conditions and comparative assessment between mammals and birds.. <i>Toxicology Letters</i> , 2016, 241, 200-206.	0.4	10
316	Spatio-temporal trends and monitoring design of perfluoroalkyl acids in the eggs of gull (<i>Larid</i>) species from across Canada and parts of the United States. <i>Science of the Total Environment</i> , 2016, 565, 440-450.	3.9	22
317	Isomer-Specific Distribution of Perfluoroalkyl Substances in Blood. <i>Environmental Science & Technology</i> , 2016, 50, 7808-7815.	4.6	59
318	Die Eignung des Wildschweins als Bioindikator für die Kontamination der Umwelt mit perfluorierten Alkylsubstanzen. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2016, 11, 71-78.	0.5	1
319	The Current Epidemiologic Evidence on Exposures to Poly- and Perfluoroalkyl Substances (PFASs) and Male Reproductive Health. <i>Current Epidemiology Reports</i> , 2016, 3, 19-26.	1.1	4
320	Absorption, distribution, metabolism, excretion, and kinetics of 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid ammonium salt following a single dose in rat, mouse, and cynomolgus monkey. <i>Toxicology</i> , 2016, 340, 1-9.	2.0	74
321	Toxicity assessment of perfluorooctane sulfonate using acute and subchronic male C57BL/6J mouse models. <i>Environmental Pollution</i> , 2016, 210, 388-396.	3.7	48
322	Perfluoroalkyl Acids Inhibit Reductive Dechlorination of Trichloroethene by Repressing <i>Dehalococcoides</i> . <i>Environmental Science & Technology</i> , 2016, 50, 240-248.	4.6	42
323	Properties, performance and associated hazards of state-of-the-art durable water repellent (DWR) chemistry for textile finishing. <i>Environment International</i> , 2016, 91, 251-264.	4.8	100
324	Time trends of perfluorinated alkyl acids in serum from Danish pregnant women 2008-2013. <i>Environment International</i> , 2016, 91, 14-21.	4.8	93
325	Simultaneous qualitative and quantitative analysis of fluoroalkyl sulfonates in riverine water by liquid chromatography coupled with Orbitrap high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1435, 66-74.	1.8	68
326	Impacts of daily intakes on the isomeric profiles of perfluoroalkyl substances (PFASs) in human serum. <i>Environment International</i> , 2016, 89-90, 62-70.	4.8	57

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327	Observation of emerging per- and polyfluoroalkyl substances (PFASs) in Greenland marine mammals. <i>Chemosphere</i> , 2016, 144, 2384-2391.	4.2	174
328	Human Exposure and Elimination Kinetics of Chlorinated Polyfluoroalkyl Ether Sulfonic Acids (Cl-PFESAs). <i>Environmental Science & Technology</i> , 2016, 50, 2396-2404.	4.6	224
329	AMP-activated protein kinase is involved in perfluorohexanesulfonate -induced apoptosis of neuronal cells. <i>Chemosphere</i> , 2016, 149, 1-7.	4.2	15
330	Shifts in production of perfluoroalkyl acids affect emissions and concentrations in the environment of the Xiaoqing River Basin, China. <i>Journal of Hazardous Materials</i> , 2016, 307, 55-63.	6.5	104
331	Hypercholesterolemia with consumption of PFOA-laced Western diets is dependent on strain and sex of mice. <i>Toxicology Reports</i> , 2016, 3, 46-54.	1.6	49
332	Concentration and distribution of contaminants in lake trout and walleye from the Laurentian Great Lakes (2008â€“2012). <i>Environmental Pollution</i> , 2016, 217, 85-96.	3.7	32
333	Nationwide Distribution of Per- and Polyfluoroalkyl Substances in Outdoor Dust in Mainland China From Eastern to Western Areas. <i>Environmental Science & Technology</i> , 2016, 50, 3676-3685.	4.6	54
334	Surface-enhanced Raman scattering (SERS) detection of fluorosurfactants in firefighting foams. <i>RSC Advances</i> , 2016, 6, 11140-11145.	1.7	47
335	Comparative assessment of the environmental hazards of and exposure to perfluoroalkyl phosphonic and phosphinic acids (PFPA and PFPIAs): Current knowledge, gaps, challenges and research needs. <i>Environment International</i> , 2016, 89-90, 235-247.	4.8	62
336	Analysis of zwitterionic, cationic, and anionic poly- and perfluoroalkyl surfactants in sediments by liquid chromatography polarity-switching electrospray ionization coupled to high resolution mass spectrometry. <i>Talanta</i> , 2016, 152, 447-456.	2.9	82
337	Transformation of Polyfluorinated compounds in natural waters by advanced oxidation processes. <i>Chemosphere</i> , 2016, 144, 1780-1787.	4.2	51
338	Perfluoroalkyl substances (PFAS) in river and ground/drinking water of the Ganges River basin: Emissions and implications for human exposure. <i>Environmental Pollution</i> , 2016, 208, 704-713.	3.7	189
339	Potentiometric detection of AFFFs based on MIP. <i>Environmental Technology and Innovation</i> , 2016, 5, 52-59.	3.0	35
340	Serum perfluorinated chemicals, glucose homeostasis and the risk of diabetes in working-aged Taiwanese adults. <i>Environment International</i> , 2016, 88, 15-22.	4.8	61
341	A Simple Pharmacokinetic Model of Prenatal and Postnatal Exposure to Perfluoroalkyl Substances (PFASs). <i>Environmental Science & Technology</i> , 2016, 50, 978-986.	4.6	75
342	Perfluoroalkyl substances in the Ebro and Guadalquivir river basins (Spain). <i>Science of the Total Environment</i> , 2016, 540, 191-199.	3.9	59
343	Organohalogenated contaminants in white-tailed eagle (<i>Haliaeetus albicilla</i>) nestlings: An assessment of relationships to immunoglobulin levels, telomeres and oxidative stress. <i>Science of the Total Environment</i> , 2016, 539, 337-349.	3.9	55
344	Fluorinated surfactants in solution: Diffusion coefficients of fluorinated alcohols in water. <i>Fluid Phase Equilibria</i> , 2016, 407, 322-333.	1.4	9

#	ARTICLE	IF	CITATIONS
345	Perfluorinated carboxylic and sulphonic acids in surface water media from the regions of Tibetan Plateau: Indirect evidence on photochemical degradation?. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 63-69.	0.9	19
346	Potential toxicity of environmentally relevant perfluorooctane sulfonate (PFOS) concentrations to yellow-legged gull <i>Larus michahellis</i> embryos. <i>Environmental Science and Pollution Research</i> , 2016, 23, 426-437.	2.7	13
347	In-Situ Remediation Approaches for the Management of Contaminated Sites: A Comprehensive Overview. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 236, 1-115.	0.7	67
348	Development and validation of a method for the quantification of extractable perfluoroalkyl acids (PFAAs) and perfluorooctane sulfonamide (FOSA) in textiles. <i>Talanta</i> , 2016, 147, 8-15.	2.9	20
349	Poly- and perfluoroalkyl substances (PFASs) in indoor dust and food packaging materials in Egypt: Trends in developed and developing countries. <i>Chemosphere</i> , 2016, 144, 1573-1581.	4.2	66
350	Cord blood gene expression supports that prenatal exposure to perfluoroalkyl substances causes depressed immune functionality in early childhood. <i>Journal of Immunotoxicology</i> , 2016, 13, 173-180.	0.9	66
351	High throughput online solid phase extraction-ultra high performance liquid chromatography-tandem mass spectrometry method for polyfluoroalkyl phosphate esters, perfluoroalkyl phosphonates, and other perfluoroalkyl substances in human serum, plasma, and whole blood. <i>Analytica Chimica Acta</i> , 2017, 957, 10-19.	2.6	29
352	Electrochemical switch on-off response of a self-assembled monolayer (SAM) upon exposure to perfluorooctanoic acid (PFOA). <i>Journal of Electroanalytical Chemistry</i> , 2017, 785, 249-254.	1.9	10
353	Inhibition effects of perfluoroalkyl acids on progesterone production in mLTC-1. <i>Journal of Environmental Sciences</i> , 2017, 56, 272-280.	3.2	12
354	Source apportionment of perfluoroalkyl substances in surface sediments from lakes in Jiangsu Province, China: Comparison of three receptor models. <i>Journal of Environmental Sciences</i> , 2017, 57, 321-328.	3.2	49
355	Pollution pathways and release estimation of perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) in central and eastern China. <i>Science of the Total Environment</i> , 2017, 580, 1247-1256.	3.9	138
356	Environmental Occurrence of Perfluoroalkyl Acids and Novel Fluorotelomer Surfactants in the Freshwater Fish <i>Catostomus commersonii</i> and Sediments Following Firefighting Foam Deployment at the Lac-Mégantic Railway Accident. <i>Environmental Science & Technology</i> , 2017, 51, 1231-1240.	4.6	97
357	Perfluoroalkyl acids and their precursors in indoor air sampled in children's bedrooms. <i>Environmental Pollution</i> , 2017, 222, 423-432.	3.7	74
358	Perfluoroalkyl substances and fish consumption. <i>Environmental Research</i> , 2017, 154, 145-151.	3.7	122
359	Prenatal Exposure to Perfluoroalkyl Substances and Body Fatness in Girls. <i>Childhood Obesity</i> , 2017, 13, 222-230.	0.8	45
360	Concentrations and patterns of perfluoroalkyl and polyfluoroalkyl substances in a river and three drinking water treatment plants near and far from a major production source. <i>Science of the Total Environment</i> , 2017, 583, 393-400.	3.9	110
361	Fluorinated Compounds in U.S. Fast Food Packaging. <i>Environmental Science and Technology Letters</i> , 2017, 4, 105-111.	3.9	371
362	The impact of two fluoropolymer manufacturing facilities on downstream contamination of a river and drinking water resources with per- and polyfluoroalkyl substances. <i>Environmental Science and Pollution Research</i> , 2017, 24, 4916-4925.	2.7	36

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363	Electrochemical Detection of Thioether-Based Fluorosurfactants in Aqueous Film-Forming Foam (AFFF). <i>Electroanalysis</i> , 2017, 29, 1095-1102.	1.5	5
364	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.	4.6	148
365	Detailed NMR investigation of cyclodextrin-perfluorinated surfactant interactions in aqueous media. <i>Journal of Hazardous Materials</i> , 2017, 329, 57-65.	6.5	34
366	Association of perfluoroalkyl substances exposure with impaired lung function in children. <i>Environmental Research</i> , 2017, 155, 15-21.	3.7	54
367	Home produced eggs: An important pathway of human exposure to perfluorobutanoic acid (PFBA) and perfluorooctanoic acid (PFOA) around a fluorochemical industrial park in China. <i>Environment International</i> , 2017, 101, 1-6.	4.8	56
368	Novel Experimental Modeling Approach for Characterizing Perfluorinated Surfactants in Soils. <i>Environmental Science & Technology</i> , 2017, 51, 2602-2610.	4.6	4
369	Exposure to PFOA and PFOS and fetal growth: a critical merging of toxicological and epidemiological data. <i>Critical Reviews in Toxicology</i> , 2017, 47, 489-515.	1.9	104
370	Perfluoroalkyl substances in the Maltese environment (I) surface water and rain water. <i>Science of the Total Environment</i> , 2017, 589, 182-190.	3.9	37
371	Spatiotemporal distribution and potential sources of perfluoroalkyl acids in Huangpu River, Shanghai, China. <i>Chemosphere</i> , 2017, 174, 127-135.	4.2	42
372	Analytical strategies for organic food packaging contaminants. <i>Journal of Chromatography A</i> , 2017, 1490, 22-46.	1.8	92
373	National Estimate of Per- and Polyfluoroalkyl Substance (PFAS) Release to U.S. Municipal Landfill Leachate. <i>Environmental Science & Technology</i> , 2017, 51, 2197-2205.	4.6	236
374	The effects of fluoride based fire-fighting foams on soil microbiota activity and plant growth during natural attenuation of perfluorinated compounds. <i>Environmental Toxicology and Pharmacology</i> , 2017, 50, 119-127.	2.0	20
375	Perfluorododecanoic Acid Induces Cognitive Deficit in Adult Rats. <i>Toxicological Sciences</i> , 2017, 157, 421-428.	1.4	28
376	Perfluoroalkyl acids (PFAAs) in water and sediment from the coastal regions of Shandong peninsula, China. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 100.	1.3	26
377	Properties, occurrence, and fate of fluorotelomer sulfonates. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 643-691.	6.6	60
378	Tissue distribution of perfluoroalkyl acids and health status in wild Mozambique tilapia (<i>Oreochromis mossambicus</i>) from Loskop Dam, Mpumalanga, South Africa. <i>Journal of Environmental Sciences</i> , 2017, 61, 59-67.	3.2	24
379	Substitution of PFAS chemistry in outdoor apparel and the impact on repellency performance. <i>Chemosphere</i> , 2017, 181, 500-507.	4.2	39
380	Removal efficiency of multiple poly- and perfluoroalkyl substances (PFASs) in drinking water using granular activated carbon (GAC) and anion exchange (AE) column tests. <i>Water Research</i> , 2017, 120, 77-87.	5.3	345

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381	Impact of ISCO Treatment on PFAA Co-Contaminants at a Former Fire Training Area. <i>Environmental Science & Technology</i> , 2017, 51, 5127-5136.	4.6	28
382	Characterization of occurrence, sources and sinks of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in a tropical urban catchment. <i>Environmental Pollution</i> , 2017, 227, 397-405.	3.7	36
383	Photocatalytic Degradation of Perfluorooctanoic Acid (PFOA) From Wastewaters by TiO ₂ , In ₂ O ₃ and Ga ₂ O ₃ Catalysts. <i>Topics in Catalysis</i> , 2017, 60, 1345-1358.	1.3	35
384	Diet and metabolic state are the main factors determining concentrations of perfluoroalkyl substances in female polar bears from Svalbard. <i>Environmental Pollution</i> , 2017, 229, 146-158.	3.7	30
385	Electrochemical Advanced Oxidation Processes (EAOP) to degrade per- and polyfluoroalkyl substances (PFASs). <i>Journal of Advanced Oxidation Technologies</i> , 2017, 20, .	0.5	21
386	Polyfluoroalkyl substance exposure in the Mid-Ohio River Valley, 1991-2012. <i>Environmental Pollution</i> , 2017, 228, 50-60.	3.7	39
387	Perfluoroalkylated acids in the eggs of great tits (<i>Parus major</i>) near a fluorochemical plant in Flanders, Belgium. <i>Environmental Pollution</i> , 2017, 228, 140-148.	3.7	43
388	Variation and accumulation patterns of poly- and perfluoroalkyl substances (PFAS) in European perch (<i>Perca fluviatilis</i>) across a gradient of pristine Swedish lakes. <i>Science of the Total Environment</i> , 2017, 599-600, 1685-1692.	3.9	38
389	Regiodivergent Visible Light-Induced C-H Functionalization of Quinolines at C ⁵ and C ⁸ under Metal-, Photosensitizer- and Oxidant-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2571-2579.	2.1	27
390	Per- and polyfluoroalkyl substances in firefighting foam concentrates and water samples collected near sites impacted by the use of these foams. <i>Chemosphere</i> , 2017, 183, 53-61.	4.2	103
391	Vertical Profiles, Sources, and Transport of PFASs in the Arctic Ocean. <i>Environmental Science & Technology</i> , 2017, 51, 6735-6744.	4.6	107
392	Per- and polyfluoroalkyl substances (PFAS) in American Red Cross adult blood donors, 2000-2015. <i>Environmental Research</i> , 2017, 157, 87-95.	3.7	186
393	Preparation of magnetic molecularly imprinted polymers for the rapid and selective separation and enrichment of perfluorooctane sulfonate. <i>Journal of Separation Science</i> , 2017, 40, 2819-2826.	1.3	20
394	Contribution of precursor compounds to the release of per- and polyfluoroalkyl substances (PFASs) from waste water treatment plants (WWTPs). <i>Journal of Environmental Sciences</i> , 2017, 61, 80-90.	3.2	114
395	Crop bioaccumulation and human exposure of perfluoroalkyl acids through multi-media transport from a mega fluorochemical industrial park, China. <i>Environment International</i> , 2017, 106, 37-47.	4.8	105
396	Influence of dissolved organic matter concentration and composition on the removal efficiency of perfluoroalkyl substances (PFASs) during drinking water treatment. <i>Water Research</i> , 2017, 121, 320-328.	5.3	122
398	Phase-out-compliant fluorosurfactants: unique methimazolium derivatives including room temperature ionic liquids. <i>Green Chemistry</i> , 2017, 19, 3225-3237.	4.6	22
399	Water-to-air transfer of branched and linear PFOA: Influence of pH, concentration and water type. <i>Emerging Contaminants</i> , 2017, 3, 46-53.	2.2	12

#	ARTICLE	IF	CITATIONS
400	Depuration of perfluoroalkyl substances from the edible tissues of wild-caught invertebrate species. <i>Science of the Total Environment</i> , 2017, 581-582, 258-267.	3.9	29
401	Predictors of Per- and Polyfluoroalkyl Substance (PFAS) Plasma Concentrations in 6-10 Year Old American Children. <i>Environmental Science & Technology</i> , 2017, 51, 5193-5204.	4.6	74
402	Estrogen receptor beta mediates hepatotoxicity induced by perfluorooctane sulfonate in mouse. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13414-13423.	2.7	32
403	Geographical Differences in Dietary Exposure to Perfluoroalkyl Acids between Manufacturing and Application Regions in China. <i>Environmental Science & Technology</i> , 2017, 51, 5747-5755.	4.6	39
404	Can the use of deactivated glass fibre filters eliminate sorption artefacts associated with active air sampling of perfluorooctanoic acid?. <i>Environmental Pollution</i> , 2017, 224, 779-786.	3.7	18
405	Isomers of perfluorooctanesulfonate (PFOS) in cord serum and birth outcomes in China: Guangzhou Birth Cohort Study. <i>Environment International</i> , 2017, 102, 1-8.	4.8	71
406	Comparative <i>in vitro</i> toxicity assessment of perfluorinated carboxylic acids. <i>Journal of Applied Toxicology</i> , 2017, 37, 699-708.	1.4	52
407	Mass flows and fate of per- and polyfluoroalkyl substances (PFASs) in the wastewater treatment plant of a fluorochemical manufacturing facility. <i>Science of the Total Environment</i> , 2017, 576, 549-558.	3.9	125
408	Analysis of perfluoroalkyl and polyfluoroalkyl substances in serum and plasma by solvent precipitation-isotope dilution-direct injection-LC/MS/MS. <i>Analytical Methods</i> , 2017, 9, 473-481.	1.3	10
409	Adsorption of perfluorocarboxylic acids at the silica surface. <i>Chemical Communications</i> , 2017, 53, 589-592.	2.2	24
410	Novel Chlorinated Polyfluorinated Ether Sulfonates and Legacy Per-/Polyfluoroalkyl Substances: Placental Transfer and Relationship with Serum Albumin and Glomerular Filtration Rate. <i>Environmental Science & Technology</i> , 2017, 51, 634-644.	4.6	183
411	Comparative hepatotoxicity of 6:2 fluorotelomer carboxylic acid and 6:2 fluorotelomer sulfonic acid, two fluorinated alternatives to long-chain perfluoroalkyl acids, on adult male mice. <i>Archives of Toxicology</i> , 2017, 91, 2909-2919.	1.9	43
412	Multianalyte profiling of per- and polyfluoroalkyl substances (PFASs) in liquid commercial products. <i>Chemosphere</i> , 2017, 171, 491-501.	4.2	78
413	Uptake and metabolism of 10:2 fluorotelomer alcohol in soil-earthworm (<i>Eisenia fetida</i>) and soil-wheat (<i>Triticum aestivum</i> L.) systems. <i>Environmental Pollution</i> , 2017, 220, 124-131.	3.7	38
414	HPLC-MS/MS methods for the determination of 52 perfluoroalkyl and polyfluoroalkyl substances in aqueous samples. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1643-1655.	1.9	68
415	Review of organohalogen toxicants in fish from the Gulf of Finland. <i>Journal of Marine Systems</i> , 2017, 171, 141-150.	0.9	13
416	Distribution of Novel and Well-Known Poly- and Perfluoroalkyl Substances (PFASs) in Human Serum, Plasma, and Whole Blood. <i>Environmental Science & Technology</i> , 2017, 51, 13388-13396.	4.6	121
417	Time-dependent effects of perfluorinated compounds on viability in cerebellar granule neurons: Dependence on carbon chain length and functional group attached. <i>NeuroToxicology</i> , 2017, 63, 70-83.	1.4	35

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418	Plant Uptake of Per- and Polyfluoroalkyl Substances at a Contaminated Fire Training Facility to Evaluate the Phytoremediation Potential of Various Plant Species. <i>Environmental Science & Technology</i> , 2017, 51, 12602-12610.	4.6	139
419	Influence of Environmental Factors on the Fate of Legacy and Emerging Per- and Polyfluoroalkyl Substances along the Salinity/Turbidity Gradient of a Macrotidal Estuary. <i>Environmental Science & Technology</i> , 2017, 51, 12347-12357.	4.6	61
420	Per- and poly-fluoroalkyl substances (PFASs) in the urban, industrial, and background atmosphere of Northeastern China coast around the Bohai Sea: Occurrence, partitioning, and seasonal variation. <i>Atmospheric Environment</i> , 2017, 167, 150-158.	1.9	57
421	Occurrence and seasonal variations of per- and polyfluoroalkyl substances (PFASs) including fluorinated alternatives in rivers, drain outlets and the receiving Bohai Sea of China. <i>Environmental Pollution</i> , 2017, 231, 1223-1231.	3.7	69
422	Analytical methodology for identification of novel per- and polyfluoroalkyl substances in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 95, 122-131.	5.8	70
423	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.	4.6	279
424	The design of an environmentally relevant mixture of persistent organic pollutants for use in <i>in vivo</i> and <i>in vitro</i> studies. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 1002-1016.	1.1	32
425	Molecular Mechanisms of Perfluorooctanoate-Induced Hepatocyte Apoptosis in Mice Using Proteomic Techniques. <i>Environmental Science & Technology</i> , 2017, 51, 11380-11389.	4.6	24
426	Superhydrophobic Substrates from Off-the-Shelf Laboratory Filter Paper: Simplified Preparation, Patterning, and Assay Application. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39728-39735.	4.0	48
427	Perfluoroalkyl and polyfluoroalkyl substances removal in a full-scale tropical constructed wetland system treating landfill leachate. <i>Water Research</i> , 2017, 125, 418-426.	5.3	126
428	Recent developments in polyfluoroalkyl compounds research: a focus on human/environmental health impact, suggested substitutes and removal strategies. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 402.	1.3	29
429	Emerging poly- and perfluoroalkyl substances in the aquatic environment: A review of current literature. <i>Water Research</i> , 2017, 124, 482-495.	5.3	417
430	Early life exposure to per- and polyfluoroalkyl substances (PFASs): A critical review. <i>Emerging Contaminants</i> , 2017, 3, 55-68.	2.2	91
431	Novel Fluoroalkylated Surfactants in Soils Following Firefighting Foam Deployment During the Lac-Mégantic Railway Accident. <i>Environmental Science & Technology</i> , 2017, 51, 8313-8323.	4.6	98
432	Closing the Mass Balance on Fluorine on Papers and Textiles. <i>Environmental Science & Technology</i> , 2017, 51, 9022-9032.	4.6	110
433	Perfluoroalkyl substances in human bone: concentrations in bones and effects on bone cell differentiation. <i>Scientific Reports</i> , 2017, 7, 6841.	1.6	55
434	Perfluoroalkyl ethyl alcohols via perfluoroalkyl acetaldehydes. <i>Journal of Fluorine Chemistry</i> , 2017, 201, 7-10.	0.9	1
435	Occurrence survey and spatial distribution of perfluoroalkyl and polyfluoroalkyl surfactants in groundwater, surface water, and sediments from tropical environments. <i>Science of the Total Environment</i> , 2017, 607-608, 243-252.	3.9	93

#	ARTICLE	IF	CITATIONS
436	Side-chain fluorinated polymer surfactants in aquatic sediment and biosolid-augmented agricultural soil from the Great Lakes basin of North America. <i>Science of the Total Environment</i> , 2017, 607-608, 262-270.	3.9	37
437	Gender-specific associations between serum isomers of perfluoroalkyl substances and blood pressure among Chinese: Isomers of C8 Health Project in China. <i>Science of the Total Environment</i> , 2017, 607-608, 1304-1312.	3.9	90
438	The effect of drinking water contaminated with perfluoroalkyl substances on a 10-year longitudinal trend of plasma levels in an elderly Uppsala cohort. <i>Environmental Research</i> , 2017, 159, 95-102.	3.7	28
439	First Report on the Occurrence and Bioaccumulation of Hexafluoropropylene Oxide Trimer Acid: An Emerging Concern. <i>Environmental Science & Technology</i> , 2017, 51, 9553-9560.	4.6	186
440	Biotransformation of 8:2 polyfluoroalkyl phosphate diester in gilthead bream (<i>Sparus aurata</i>). <i>Science of the Total Environment</i> , 2017, 609, 1085-1092.	3.9	23
441	Distribution profiles of per- and poly fluoroalkyl substances (PFASs) and their re-regulation by ocean currents in the East and South China Sea. <i>Marine Pollution Bulletin</i> , 2017, 125, 481-486.	2.3	30
442	Treatment of Aqueous Film-Forming Foam by Heat-Activated Persulfate Under Conditions Representative of In Situ Chemical Oxidation. <i>Environmental Science & Technology</i> , 2017, 51, 13878-13885.	4.6	133
443	Alternate Reductants with VB12 to Transform C8 and C6 Perfluoroalkyl Sulfonates: Limitations and Insights into Isomer-Specific Transformation Rates, Products and Pathways. <i>Environmental Science & Technology</i> , 2017, 51, 13869-13877.	4.6	21
445	Associations between perfluorinated alkyl acids in blood and ovarian follicular fluid and ovarian function in women undergoing assisted reproductive treatment. <i>Science of the Total Environment</i> , 2017, 605-606, 9-17.	3.9	36
446	Per- and poly-fluoroalkyl compounds in freshwater fish from the Rhône River: Influence of fish size, diet, prey contamination and biotransformation. <i>Science of the Total Environment</i> , 2017, 605-606, 38-47.	3.9	73
447	Obesity Pathogenesis: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2017, 38, 267-296.	8.9	437
448	Discovery of novel per- and polyfluoroalkyl substances (PFASs) at a fire fighting training ground and preliminary investigation of their fate and mobility. <i>Chemosphere</i> , 2017, 185, 1030-1038.	4.2	128
449	Chemical Contamination of Red Meat. , 2017, , 451-489.		3
450	6:2 fluorotelomer carboxylic acid (6:2 FTCA) exposure induces developmental toxicity and inhibits the formation of erythrocytes during zebrafish embryogenesis. <i>Aquatic Toxicology</i> , 2017, 190, 53-61.	1.9	31
451	Interactions of superhydrophobic carbon soot coatings with short alkyl chain alcohols and fluorocarbon solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 715-724.	2.3	27
452	Estimating human exposure to perfluoroalkyl acids via solid food and drinks: Implementation and comparison of different dietary assessment methods. <i>Environmental Research</i> , 2017, 158, 269-276.	3.7	25
453	Toward a Long-Chain Perfluoroalkyl Replacement: Water and Oil Repellency of Polyethylene Terephthalate (PET) Films Modified with Perfluoropolyether-Based Polyesters. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24318-24330.	4.0	19
454	Per- and polyfluoroalkyl substances in plasma and feathers of nestling birds of prey from northern Norway. <i>Environmental Research</i> , 2017, 158, 277-285.	3.7	26

#	ARTICLE	IF	CITATIONS
455	Challenges in Sustainable Wet Processing of Textiles. <i>Textile Science and Clothing Technology</i> , 2017, , 43-79.	0.4	38
456	Assessing the bioaccumulation potential of ionizable organic compounds: Current knowledge and research priorities. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 882-897.	2.2	106
457	Early-life exposure to EDCs: role in childhood obesity and neurodevelopment. <i>Nature Reviews Endocrinology</i> , 2017, 13, 161-173.	4.3	601
458	Impact of 6:2 fluorotelomer alcohol aerobic biotransformation on a sediment microbial community. <i>Science of the Total Environment</i> , 2017, 575, 1361-1368.	3.9	57
459	Temporal trends of PFASs, PFCAs and selected precursors in Australian serum from 2002 to 2013. <i>Environmental Pollution</i> , 2017, 220, 168-177.	3.7	83
460	Gas chromatographic determination of perfluorocarboxylic acids in aqueous samples – A tutorial review. <i>Analytica Chimica Acta</i> , 2017, 949, 8-22.	2.6	38
461	Perfluorinated alkyl substances (PFASs) in northern Spain municipal solid waste landfill leachates. <i>Chemosphere</i> , 2017, 168, 399-407.	4.2	96
462	Gold nanoparticle-based optical sensors for selected anionic contaminants. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 86, 143-154.	5.8	69
463	Perfluorinated alkyl acids in plasma of American alligators (<i>Alligator mississippiensis</i>) from Florida and South Carolina. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 917-925.	2.2	27
464	Perfluoroalkyl acids in aqueous samples from Germany and Kenya. <i>Environmental Science and Pollution Research</i> , 2017, 24, 11031-11043.	2.7	19
465	Variation in perfluoroalkyl acids in the American alligator (<i>Alligator mississippiensis</i>) at Merritt Island National Wildlife Refuge. <i>Chemosphere</i> , 2017, 166, 72-79.	4.2	20
466	Gestational exposure to perfluorooctanoic acid (PFOA): Alterations in motor related behaviors. <i>NeuroToxicology</i> , 2017, 58, 110-119.	1.4	20
467	Sampling and simultaneous determination of volatile per- and polyfluoroalkyl substances in wastewater treatment plant air and water. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1395-1404.	1.9	24
468	Exposure of Pregnant Mice to Perfluorobutanesulfonate Causes Hypothyroxinemia and Developmental Abnormalities in Female Offspring. <i>Toxicological Sciences</i> , 2017, 155, 409-419.	1.4	44
470	Mechanochemical mineralization of ‘every persistent’ fluorocarbon surfactants – 6:2 fluorotelomer sulfonate (6:2FTS) as an example. <i>Scientific Reports</i> , 2017, 7, 17180.	1.6	42
471	Evaluation of Migration Into Food, Human Health Effects, and Environmental Effects of Polyfluorinated Alkyl Substances Used in Food Contact Applications. , 2017, ,		0
472	Environmental analysis: Persistent organic pollutants. , 2017, , 401-449.		3
473	Key scientific issues in developing drinking water guidelines for perfluoroalkyl acids: Contaminants of emerging concern. <i>PLoS Biology</i> , 2017, 15, e2002855.	2.6	84

#	ARTICLE	IF	CITATIONS
474	Prenatal Exposure to Perfluoroalkyl Substances and Cardiometabolic Risk in Children from the Spanish INMA Birth Cohort Study. <i>Environmental Health Perspectives</i> , 2017, 125, 097018.	2.8	77
475	Plasma Concentrations of Per- and Polyfluoroalkyl Substances at Baseline and Associations with Glycemic Indicators and Diabetes Incidence among High-Risk Adults in the Diabetes Prevention Program Trial. <i>Environmental Health Perspectives</i> , 2017, 125, 107001.	2.8	88
476	A facile approach to fabricate superhydrophobic membranes with low contact angle hysteresis. <i>Journal of Membrane Science</i> , 2017, 539, 144-151.	4.1	31
477	Perfluoroalkyl Substances during Pregnancy and Offspring Weight and Adiposity at Birth: Examining Mediation by Maternal Fasting Glucose in the Healthy Start Study. <i>Environmental Health Perspectives</i> , 2017, 125, 067016.	2.8	102
478	Perfluoroalkyl substances exposure and thyroid hormones in humans: epidemiological observations and implications. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2017, 22, 6.	0.8	55
479	Thermal mineralization behavior of PFOA, PFHxA, and PFOS during reactivation of granular activated carbon (GAC) in nitrogen atmosphere. <i>Environmental Science and Pollution Research</i> , 2018, 25, 7200-7205.	2.7	92
480	Occurrence and distribution of perfluoroalkyl substances (PFASs) in the water dissolved phase and suspended particulate matter of the Dalian Bay, China. <i>Chemosphere</i> , 2018, 200, 116-123.	4.2	34
481	Novel volumetric adsorptive microsampling technique for determination of perfluorinated compounds in blood. <i>Analytical Biochemistry</i> , 2018, 545, 49-53.	1.1	15
482	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. <i>Environmental Evidence</i> , 2018, 7, .	1.1	132
483	Modeling avian exposures to perfluoroalkyl substances in aquatic habitats impacted by historical aqueous film forming foam releases. <i>Chemosphere</i> , 2018, 201, 335-341.	4.2	25
484	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.	3.7	138
485	Stochastic Pharmacokinetic-Pharmacodynamic Modeling for Assessing the Systemic Health Risk of Perfluorooctanoate (PFOA). <i>Toxicological Sciences</i> , 2018, 163, 293-306.	1.4	37
486	Evaluating knowledge management failure factors using intuitionistic fuzzy FMEA approach. <i>Knowledge and Information Systems</i> , 2018, 57, 183-205.	2.1	41
487	Perfluoroalkyl Acids in European Starling Eggs Indicate Landfill and Urban Influences in Canadian Terrestrial Environments. <i>Environmental Science & Technology</i> , 2018, 52, 5571-5580.	4.6	21
488	Distribution of perfluorinated compounds (PFASs) in the aquatic environment of the industrially polluted Vaal River, South Africa. <i>Science of the Total Environment</i> , 2018, 627, 1334-1344.	3.9	88
489	Circulating levels of perfluoroalkyl substances and left ventricular geometry of the heart in the elderly. <i>Environment International</i> , 2018, 115, 295-300.	4.8	7
491	Prospects for reconstructing paleoenvironmental conditions from organic compounds in polar snow and ice. <i>Quaternary Science Reviews</i> , 2018, 183, 1-22.	1.4	25
492	A critical analysis of published data to discern the role of soil and sediment properties in determining sorption of per and polyfluoroalkyl substances (PFASs). <i>Science of the Total Environment</i> , 2018, 628-629, 110-120.	3.9	207

#	ARTICLE	IF	CITATIONS
493	Comparing the toxic potency in vivo of long-chain perfluoroalkyl acids and fluorinated alternatives. <i>Environment International</i> , 2018, 113, 1-9.	4.8	258
494	Perfluoroalkyl Acids Including Isomers in Tree Barks from a Chinese Fluorochemical Manufacturing Park: Implication for Airborne Transportation. <i>Environmental Science & Technology</i> , 2018, 52, 2016-2024.	4.6	28
495	A critical review of the application of polymer of low concern and regulatory criteria to fluoropolymers. <i>Integrated Environmental Assessment and Management</i> , 2018, 14, 316-334.	1.6	129
496	Fate of perfluoroalkyl substances within a small stream food web affected by sewage effluent. <i>Water Research</i> , 2018, 134, 226-233.	5.3	18
497	Identification and quantification of linear and branched isomers of perfluorooctanoic and perfluorooctane sulfonic acids in contaminated groundwater in the veneto region. <i>Journal of Chromatography A</i> , 2018, 1533, 143-154.	1.8	19
498	Review of the fate and transformation of per- and polyfluoroalkyl substances (PFASs) in landfills. <i>Environmental Pollution</i> , 2018, 235, 74-84.	3.7	195
499	Cellular accumulation and lipid binding of perfluorinated alkylated substances (PFASs) – A comparison with lysosomotropic drugs. <i>Chemico-Biological Interactions</i> , 2018, 281, 1-10.	1.7	49
500	Occurrence and distribution of perfluoroalkyl substances (PFASs) in sediments of the Dalian Bay, China. <i>Marine Pollution Bulletin</i> , 2018, 127, 285-288.	2.3	23
501	Reductive defluorination of perfluorooctanoic acid by zero-valent iron and zinc: A DFT-based kinetic model. <i>Chemical Engineering Journal</i> , 2018, 335, 248-254.	6.6	26
502	Distribution of perfluorinated compounds in drinking water treatment plant and reductive degradation by UV/SO ₃ ²⁻ process. <i>Environmental Science and Pollution Research</i> , 2018, 25, 7443-7453.	2.7	26
503	Perfluorinated alkyl acids and fecundity assessment in striped mullet (<i>Mugil cephalus</i>) at Merritt Island national wildlife refuge. <i>Science of the Total Environment</i> , 2018, 619-620, 740-747.	3.9	15
504	Incorporation of fetal and child PFOA dosimetry in the derivation of health-based toxicity values. <i>Environment International</i> , 2018, 111, 260-267.	4.8	9
505	PFOA is associated with diabetes and metabolic alteration in US men: National Health and Nutrition Examination Survey 2003–2012. <i>Science of the Total Environment</i> , 2018, 625, 566-574.	3.9	89
506	Treatment of perfluoroalkyl acids by heat-activated persulfate under conditions representative of in situ chemical oxidation. <i>Chemosphere</i> , 2018, 206, 457-464.	4.2	105
507	Defluorination of perfluoroalkyl acids is followed by production of monofluorinated fatty acids. <i>Science of the Total Environment</i> , 2018, 636, 355-359.	3.9	23
508	Short-chain perfluoroalkyl acids: environmental concerns and a regulatory strategy under REACH. <i>Environmental Sciences Europe</i> , 2018, 30, 9.	2.6	347
509	Water Treatment Technologies for PFAS: The Next Generation. <i>Ground Water Monitoring and Remediation</i> , 2018, 38, 13-23.	0.6	60
510	Fast and sensitive determination of per- and polyfluoroalkyl substances in seawater. <i>Journal of Chromatography A</i> , 2018, 1555, 62-73.	1.8	28

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511	Technology review and evaluation of different chemical oxidation conditions on treatability of PFAS. <i>Remediation</i> , 2018, 28, 135-150.	1.1	86
512	Perfluoroalkylsulfonic and carboxylic acids in earthworms (<i>Eisenia fetida</i>): Accumulation and effects results from spiked soils at PFAS concentrations bracketing environmental relevance. <i>Chemosphere</i> , 2018, 199, 168-173.	4.2	44
513	Immunotoxic and hepatotoxic effects of perfluoro- <i>n</i> -decanoic acid (PFDA) on female Harlan Sprague-Dawley rats and B ₆ C ₃ F ₁ /N mice when administered by oral gavage for 28 days. <i>Journal of Immunotoxicology</i> , 2018, 15, 41-52.	0.9	34
514	Automated bundled hollow fiber array-liquid-phase microextraction with liquid chromatography tandem mass spectrometric analysis of perfluorinated compounds in aqueous media. <i>Analytica Chimica Acta</i> , 2018, 1019, 74-83.	2.6	30
515	Development of Extraction Methods for the Analysis of Perfluorinated Compounds in Leather with High Performance Liquid Chromatography Tandem Mass Spectrometry. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 301, 012046.	0.3	2
516	Surface Activity, Spreading, and Aggregation Behavior of Ecofriendly Perfluoropolyether Amide Propyl Betaine in Aqueous Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6183-6191.	3.2	44
517	Editor's perspective "Per- and polyfluorinated substances pose substantial challenges to remediation practitioners. <i>Remediation</i> , 2018, 28, 3-7.	1.1	0
518	Per- and polyfluoroalkyl substances (PFASs) in water, soil and plants in wetlands and agricultural areas in Kampala, Uganda. <i>Science of the Total Environment</i> , 2018, 631-632, 660-667.	3.9	150
519	Atmospheric concentrations and trends of poly- and perfluoroalkyl substances (PFAS) and volatile methyl siloxanes (VMS) over 7 years of sampling in the Global Atmospheric Passive Sampling (GAPS) network. <i>Environmental Pollution</i> , 2018, 238, 94-102.	3.7	74
520	A review of emerging technologies for remediation of PFASs. <i>Remediation</i> , 2018, 28, 101-126.	1.1	314
521	Per- and Polyfluoroalkyl Substances in Swedish Groundwater and Surface Water: Implications for Environmental Quality Standards and Drinking Water Guidelines. <i>Environmental Science & Technology</i> , 2018, 52, 4340-4349.	4.6	118
522	Spatio-temporal dynamics of per and polyfluoroalkyl substances (PFASs) and transfer to periphytic biofilm in an urban river: case-study on the River Seine. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23574-23582.	2.7	32
523	Contamination of soils by metals and organic micropollutants: case study of the Parisian conurbation. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23559-23573.	2.7	27
524	Drinking water contamination from perfluoroalkyl substances (PFAS): an ecological mortality study in the Veneto Region, Italy. <i>European Journal of Public Health</i> , 2018, 28, 180-185.	0.1	108
525	Development of superamphiphobic alumina nanofiber mats using trimethoxysilane with a short perfluoroalkyl chain. <i>Textile Research Journal</i> , 2018, 88, 1803-1811.	1.1	7
526	Association of serum levels of perfluoroalkyl substances (PFASs) with the metabolic syndrome (MetS) in Chinese male adults: A cross-sectional study. <i>Science of the Total Environment</i> , 2018, 621, 1542-1549.	3.9	42
527	Perfluorohexadecanoic acid increases paracellular permeability in endothelial cells through the activation of plasma kallikrein-kinin system. <i>Chemosphere</i> , 2018, 190, 191-200.	4.2	11
528	Interactions of perfluoroalkyl substances with a phospholipid bilayer studied by neutron reflectometry. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 474-481.	5.0	37

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529	Occupational exposure to perfluoroalkyl substances and serum levels of perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) in an aging population from upstate New York: a retrospective cohort study. <i>International Archives of Occupational and Environmental Health</i> , 2018, 91, 145-154.	1.1	21
530	Smartphone app-based/portable sensor for the detection of fluoro-surfactant PFOA. <i>Chemosphere</i> , 2018, 191, 381-388.	4.2	59
531	Relationship between peroxisome proliferator-activated receptor alpha activity and cellular concentration of 14 perfluoroalkyl substances in HepG2 cells. <i>Journal of Applied Toxicology</i> , 2018, 38, 219-226.	1.4	39
532	A new method to quantify the health risks from sources of perfluoroalkyl substances, combined with positive matrix factorization and risk assessment models. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 107-115.	2.2	7
533	Worldwide drinking water occurrence and levels of newly-identified perfluoroalkyl and polyfluoroalkyl substances. <i>Science of the Total Environment</i> , 2018, 616-617, 1089-1100.	3.9	202
534	Retention performance of three widely used SPE sorbents for the extraction of perfluoroalkyl substances from seawater. <i>Chemosphere</i> , 2018, 193, 259-269.	4.2	25
535	The distribution and trends of persistent organic pollutants and mercury in marine mammals from Canada's Eastern Arctic. <i>Science of the Total Environment</i> , 2018, 618, 500-517.	3.9	105
536	Time Trends in Per- and Polyfluoroalkyl Substances (PFASs) in California Women: Declining Serum Levels, 2011-2015. <i>Environmental Science & Technology</i> , 2018, 52, 277-287.	4.6	54
537	Anaerobic biotransformation of <i>N</i> -methyl perfluorobutanesulfonamido ethanol and <i>N</i> -ethyl perfluorooctanesulfonamido ethanol. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 768-779.	2.2	18
538	Risk to human health related to the presence of perfluorooctane sulfonic acid and perfluorooctanoic acid in food. <i>EFSA Journal</i> , 2018, 16, e05194.	0.9	171
539	The removal of short-chain and long-chain perfluoroalkyl acids and sulfonates via granular activated carbons: A comparative column study. <i>Remediation</i> , 2018, 29, 19-26.	1.1	20
540	Per- and polyfluoroalkyl substances and fluorine mass balance in cosmetic products from the Swedish market: implications for environmental emissions and human exposure. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 1680-1690.	1.7	104
541	Prenatal Maternal Serum Concentrations of Per- and Polyfluoroalkyl Substances in Association with Autism Spectrum Disorder and Intellectual Disability. <i>Environmental Health Perspectives</i> , 2018, 126, 017001.	2.8	33
542	Sorptive remediation of perfluorooctanoic acid (PFOA) using mixed mineral and graphene/carbon-based materials. <i>Environmental Chemistry</i> , 2018, 15, 472.	0.7	44
543	Characteristics of perfluoroalkyl acids in atmospheric PM10 from the coastal cities of the Bohai and Yellow Seas, Northern China. <i>Environmental Pollution</i> , 2018, 243, 1894-1903.	3.7	19
544	8:2 Fluorotelomer alcohol causes immunotoxicity and liver injury in adult male C57BL/6 mice. <i>Environmental Toxicology</i> , 2018, 34, 141-149.	2.1	13
545	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.	2.8	54
546	Longitudinal trends of per- and polyfluoroalkyl substances in children's serum. <i>Environment International</i> , 2018, 121, 591-599.	4.8	39

#	ARTICLE	IF	CITATIONS
547	Prenatal exposure to perfluoroalkyl substances and adipocytokines: the HOME Study. <i>Pediatric Research</i> , 2018, 84, 854-860.	1.1	10
548	A critical review of the occurrence of perfluoroalkyl acids in aqueous environments and their removal by adsorption onto carbon nanotubes. <i>Reviews in Environmental Science and Biotechnology</i> , 2018, 17, 603-635.	3.9	22
549	Attainment of Water and Oil Repellency for Engineering Thermoplastics without Long-Chain Perfluoroalkyls: Perfluoropolyether-Based Triblock Polyester Additives. <i>Langmuir</i> , 2018, 34, 12934-12946.	1.6	9
550	Subchronic Hepatotoxicity Effects of 6:2 Chlorinated Polyfluorinated Ether Sulfonate (6:2 Cl-PFESA), a Novel Perfluorooctanesulfonate (PFOS) Alternative, on Adult Male Mice. <i>Environmental Science & Technology</i> , 2018, 52, 12809-12818.	4.6	99
551	ZÃ¼rich Statement on Future Actions on Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Health Perspectives</i> , 2018, 126, 84502.	2.8	91
552	Oxidative conversion of potential perfluoroalkyl acid precursors in Jiaozhou Bay and nearby rivers and sewage treatment plant effluent in China. <i>Marine Pollution Bulletin</i> , 2018, 136, 481-490.	2.3	13
553	Per- and polyfluoroalkyl substances in human breast milk and current analytical methods. <i>Environmental Science and Pollution Research</i> , 2018, 25, 36064-36086.	2.7	44
554	Genotoxicity assessment of perfluoroalkyl substances on human sperm. <i>Toxicology and Industrial Health</i> , 2018, 34, 884-890.	0.6	25
555	Fluorocarbon-Free Dual-Action Textile Finishes Based on Covalently Attached Thermoresponsive Block Copolymer Brush Coatings. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40088-40099.	4.0	7
556	Perfluorinated Chemicals as Emerging Environmental Threats to Kidney Health. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 1479-1492.	2.2	139
557	In-Vial Extraction Large Volume Gas Chromatography Mass Spectrometry for Analysis of Volatile PFASs on Papers and Textiles. <i>Environmental Science & Technology</i> , 2018, 52, 10609-10616.	4.6	31
558	Photodegradation of fluorotelomer carboxylic 5:3 acid and perfluorooctanoic acid using zinc oxide. <i>Environmental Pollution</i> , 2018, 243, 637-644.	3.7	20
559	Per- and polyfluoroalkyl substances in Northern California cats: Temporal comparison and a possible link to cat hyperthyroidism. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2523-2529.	2.2	14
560	Monthly Variations in Perfluorinated Compound Concentrations in Groundwater. <i>Toxics</i> , 2018, 6, 56.	1.6	7
561	Distribution and dry deposition of alternative and legacy perfluoroalkyl and polyfluoroalkyl substances in the air above the Bohai and Yellow Seas, China. <i>Atmospheric Environment</i> , 2018, 192, 128-135.	1.9	40
562	Suspect and Nontarget Screening of Per- and Polyfluoroalkyl Substances in Wastewater from a Fluorochemical Manufacturing Park. <i>Environmental Science & Technology</i> , 2018, 52, 11007-11016.	4.6	149
563	Negative-ion atmospheric pressure ionisation of semi-volatile fluorinated compounds for ultra-high-performance liquid chromatography tandem mass spectrometry analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4913-4924.	1.9	20
564	Atmospheric Concentrations of New Persistent Organic Pollutants and Emerging Chemicals of Concern in the Group of Latin America and Caribbean (GRULAC) Region. <i>Environmental Science & Technology</i> , 2018, 52, 7240-7249.	4.6	40

#	ARTICLE	IF	CITATIONS
565	Seasonal and annual variations in removal efficiency of perfluoroalkyl substances by different wastewater treatment processes. <i>Environmental Pollution</i> , 2018, 242, 2059-2067.	3.7	58
566	Global distribution potential and regional environmental risk of F-53B. <i>Science of the Total Environment</i> , 2018, 640-641, 1365-1371.	3.9	59
567	Multimedia Distribution and Transfer of Per- and Polyfluoroalkyl Substances (PFASs) Surrounding Two Fluorochemical Manufacturing Facilities in Fuxin, China. <i>Environmental Science & Technology</i> , 2018, 52, 8263-8271.	4.6	135
568	Optimization of extraction methods for comprehensive profiling of perfluoroalkyl and polyfluoroalkyl substances in firefighting foam impacted soils. <i>Analytica Chimica Acta</i> , 2018, 1034, 74-84.	2.6	63
569	The Investigation of Perfluoroalkyl Substances in Seasonal Freeze-Thaw Rivers During Spring Flood Period: A Case Study in Songhua River and Yalu River, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 166-172.	1.3	8
570	Hepatotoxic Effects of Hexafluoropropylene Oxide Trimer Acid (HFPO-TA), A Novel Perfluorooctanoic Acid (PFOA) Alternative, on Mice. <i>Environmental Science & Technology</i> , 2018, 52, 8005-8015.	4.6	110
571	Continuous non-marine inputs of per- and polyfluoroalkyl substances to the High Arctic: a multi-decadal temporal record. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5045-5058.	1.9	57
572	Perfluoroalkyl acids and their precursors in floor dust of children's bedrooms – Implications for indoor exposure. <i>Environment International</i> , 2018, 119, 493-502.	4.8	76
573	Stabilized SPEEK Membranes with a High Degree of Sulfonation for Enthalpy Heat Exchangers. <i>Coatings</i> , 2018, 8, 190.	1.2	9
574	Biotransformation of Sulfluramid (N-ethyl perfluorooctane sulfonamide) and dynamics of associated rhizospheric microbial community in microcosms of wetland plants. <i>Chemosphere</i> , 2018, 211, 379-389.	4.2	35
575	A rapid UHPLC-MS/MS method for simultaneous quantitation of 23 perfluoroalkyl substances (PFAS) in estuarine water. <i>Talanta</i> , 2018, 190, 95-102.	2.9	38
576	Food Additives and Child Health. <i>Pediatrics</i> , 2018, 142, .	1.0	85
577	Nonlinear associations between dietary exposures to perfluorooctanoic acid (PFOA) or perfluorooctane sulfonate (PFOS) and type 2 diabetes risk in women: Findings from the E3N cohort study. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 1054-1060.	2.1	46
578	Toxicological and environmental issues associated with waterproofing and water repellent formulations. , 2018, , 89-120.		6
579	Food Additives and Child Health. <i>Pediatrics</i> , 2018, 142, e20181408.	1.0	60
580	Subchronic reproductive effects of 6:2 chlorinated polyfluorinated ether sulfonate (6:2 Cl-PFAES), an alternative to PFOS, on adult male mice. <i>Journal of Hazardous Materials</i> , 2018, 358, 256-264.	6.5	36
581	In Situ Remediation Method for Enhanced Sorption of Perfluoro-Alkyl Substances onto Ottawa Sand. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, .	0.7	28
582	Inter-individual, inter-city, and temporal trends of per- and polyfluoroalkyl substances in human milk from Swedish mothers between 1972 and 2016. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 1136-1147.	1.7	37

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583	Removal of perfluoroalkyl and polyfluoroalkyl substances in potable reuse systems. <i>Water Research</i> , 2018, 144, 454-461.	5.3	41
584	Associations between longitudinal serum perfluoroalkyl substance (PFAS) levels and measures of thyroid hormone, kidney function, and body mass index in the Fernald Community Cohort. <i>Environmental Pollution</i> , 2018, 242, 894-904.	3.7	132
585	Prenatal and childhood exposure to per- and polyfluoroalkyl substances (PFASs) and child cognition. <i>Environment International</i> , 2018, 115, 358-369.	4.8	74
586	Emissions, Transport, and Fate of Emerging Per- and Polyfluoroalkyl Substances from One of the Major Fluoropolymer Manufacturing Facilities in China. <i>Environmental Science & Technology</i> , 2018, 52, 9694-9703.	4.6	115
587	Investigating recycled water use as a diffuse source of per- and polyfluoroalkyl substances (PFASs) to groundwater in Melbourne, Australia. <i>Science of the Total Environment</i> , 2018, 644, 1409-1417.	3.9	70
588	Paradoxical Protective Effect of Perfluorooctanesulfonic Acid Against High-Fat Diet-Induced Hepatic Steatosis in Mice. <i>International Journal of Toxicology</i> , 2018, 37, 383-392.	0.6	22
589	PFOS-induced excitotoxicity is dependent on Ca ²⁺ influx via NMDA receptors in rat cerebellar granule neurons. <i>Toxicology and Applied Pharmacology</i> , 2018, 357, 19-32.	1.3	22
590	Poly- and Perfluoroalkyl Substances in Marine Mammals. , 2018, , 117-145.		10
591	Suitability of Wild Boar (<i>Sus scrofa</i>) as a Bioindicator for Environmental Pollution with Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS). <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 594-606.	2.1	21
592	Fluorotelomer alcohols (FTOHs), brominated flame retardants (BFRs), organophosphorus flame retardants (OPFRs) and cyclic volatile methylsiloxanes (cVMSs) in indoor air from occupational and home environments. <i>Environmental Pollution</i> , 2018, 241, 319-330.	3.7	49
593	Effects of perfluorooctanoic acid exposure during pregnancy on the reproduction and development of male offspring mice. <i>Andrologia</i> , 2018, 50, e13059.	1.0	37
594	Predicting Relative Protein Affinity of Novel Per- and Polyfluoroalkyl Substances (PFASs) by An Efficient Molecular Dynamics Approach. <i>Environmental Science & Technology</i> , 2018, 52, 7972-7980.	4.6	81
595	Menstrual cycle characteristics as determinants of plasma concentrations of perfluoroalkyl substances (PFASs) in the Norwegian Mother and Child Cohort (MoBa study). <i>Environmental Research</i> , 2018, 166, 78-85.	3.7	21
596	Perfluoroalkyl substances (PFASs) and polychlorinated naphthalenes (PCNs) add to the chemical cocktail in peregrine falcon eggs. <i>Science of the Total Environment</i> , 2019, 648, 894-901.	3.9	25
597	Distribution and partitioning of perfluoroalkyl carboxylic acids in surface soil, plants, and earthworms at a contaminated site. <i>Science of the Total Environment</i> , 2019, 647, 954-961.	3.9	64
598	Degradation and defluorination of 6:2 fluorotelomer sulfonamidoalkyl betaine and 6:2 fluorotelomer sulfonate by <i>Gordonia</i> sp. strain NB4-1Y under sulfur-limiting conditions. <i>Science of the Total Environment</i> , 2019, 647, 690-698.	3.9	115
599	Per- and polyfluoroalkyl substances (PFASs) in drinking water: Current state of the science. <i>Current Opinion in Environmental Science and Health</i> , 2019, 7, 8-12.	2.1	34
600	Vertical transport and sinks of perfluoroalkyl substances in the global open ocean. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1957-1969.	1.7	24

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601	Elucidating the fate of perfluorooctanoate sulfonate using a rainbow trout (<i>Oncorhynchus mykiss</i>) physiologically-based toxicokinetic model. <i>Science of the Total Environment</i> , 2019, 691, 1297-1309.	3.9	17
602	Perfluoroalkyl substances (PFASs) in air-conditioner filter dust of indoor microenvironments in Greece: Implications for exposure. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109559.	2.9	19
603	Emerging and legacy contaminants across land-use gradients and the risk to aquatic ecosystems. <i>Science of the Total Environment</i> , 2019, 695, 133842.	3.9	27
604	Spatial and temporal variability of perfluoroalkyl substances in the Laurentian Great Lakes. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1816-1834.	1.7	28
605	Internet of Things in Smart Agriculture: Enabling Technologies. , 2019, , .		56
606	Legacy and alternative per- and polyfluoroalkyl substances in the U.S. general population: Paired serum-urine data from the 2013â€”2014 National Health and Nutrition Examination Survey. <i>Environment International</i> , 2019, 131, 105048.	4.8	108
607	Effect of gestational exposure to perfluorononanoic acid on neonatal mice testes. <i>Journal of Applied Toxicology</i> , 2019, 39, 1663-1671.	1.4	9
608	Omniphobic Coatings Based on Vinyl Pivalateâ€”Perfluorohexylethyl Methacrylate Copolymers Formed in Supercritical Carbon Dioxide. <i>Polymer Science - Series A</i> , 2019, 61, 157-161.	0.4	8
609	Subchronic exposure of environmentally relevant concentrations of F-53B in mice resulted in gut barrier dysfunction and colonic inflammation in a sex-independent manner. <i>Environmental Pollution</i> , 2019, 253, 268-277.	3.7	50
610	Development of extraction and cleanup approaches for PFASs analysis in fish tissue by HPLC-MS/MS technique. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 263, 012060.	0.2	0
611	Levels and trends of poly- and perfluoroalkyl substances in the Arctic environment â€” An update. <i>Emerging Contaminants</i> , 2019, 5, 240-271.	2.2	117
612	Associations of Perfluoroalkyl and Polyfluoroalkyl Substances With Incident Diabetes and Microvascular Disease. <i>Diabetes Care</i> , 2019, 42, 1824-1832.	4.3	49
613	A Review of Perfluoroalkyl Acids (PFAAs) in terms of Sources, Applications, Human Exposure, Dietary Intake, Toxicity, Legal Regulation, and Methods of Determination. <i>Journal of Chemistry</i> , 2019, 2019, 1-20.	0.9	78
614	Hydrogen Peroxide Interference in Chemical Oxygen Demand Assessments of Plasma Treated Waters. <i>Plasma</i> , 2019, 2, 294-302.	0.7	14
615	Perfluoroalkyls/polyfluoroalkyl substances and dental caries experience in children, ages 3â€”11 years, National Health and Nutrition Examination Survey, 2013â€”2014. <i>Journal of Public Health Dentistry</i> , 2019, 79, 307-319.	0.5	7
616	Perfluorooctanoate and changes in anthropometric parameters with age in young girls in the Greater Cincinnati and San Francisco Bay Area. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 1038-1046.	2.1	12
617	Preparation and Photocatalytic Mechanism of Ag ₃ PO ₄ /SnO ₂ Composite Photocatalyst. <i>Nano</i> , 2019, 14, 1950092.	0.5	2
618	Screening of textile finishing agents available on the Chinese market: An important source of per- and polyfluoroalkyl substances to the environment. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	21

#	ARTICLE	IF	CITATIONS
619	A review of sources, multimedia distribution and health risks of novel fluorinated alternatives. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109402.	2.9	180
620	Influence of soil physicochemical properties on the depth profiles of perfluoroalkylated acids (PFAAs) in soil along a distance gradient from a fluorochemical plant and associations with soil microbial parameters.. <i>Chemosphere</i> , 2019, 236, 124407.	4.2	26
621	Combined spatial and retrospective analysis of fluoroalkyl chemicals in fluvial sediments reveal changes in levels and patterns over the last 40 years. <i>Environmental Pollution</i> , 2019, 253, 1117-1125.	3.7	13
622	PFOS mediates immunomodulation in an avian cell line that can be mitigated via a virus infection. <i>BMC Veterinary Research</i> , 2019, 15, 214.	0.7	17
623	Per- and polyfluoroalkyl substances in commercially available biosolid-based products: The effect of treatment processes. <i>Water Environment Research</i> , 2019, 91, 1669-1677.	1.3	31
624	Quantitation of perfluoroalkyl acids, parabens and cotinine from single low volume serum sample by validated analytical method. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 1268-1285.	1.8	2
625	Temporal trends of per- and polyfluoroalkyl substances (PFAS) in the influent of two of the largest wastewater treatment plants in Australia. <i>Emerging Contaminants</i> , 2019, 5, 211-218.	2.2	39
626	Perfluorohexanoic acid toxicity, part I: Development of a chronic human health toxicity value for use in risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 103, 41-55.	1.3	47
627	Species dependent accumulation and transformation of 8:2 polyfluoroalkyl phosphate esters in sediment by three benthic organisms. <i>Environment International</i> , 2019, 133, 105171.	4.8	14
628	Preliminary monitoring of the presence of perfluoroalkyl substances in Italian eggs from different breeding systems. <i>Italian Journal of Food Safety</i> , 2019, 8, 7702.	0.5	2
629	Regulation of Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonic Acid (PFOS) in Drinking Water: A Comprehensive Review. <i>Water (Switzerland)</i> , 2019, 11, 2003.	1.2	36
630	Dietary Habits Related to Food Packaging and Population Exposure to PFASs. <i>Environmental Health Perspectives</i> , 2019, 127, 107003.	2.8	94
631	Fate of Per- and Polyfluoroalkyl Ether Acids in the Total Oxidizable Precursor Assay and Implications for the Analysis of Impacted Water. <i>Environmental Science and Technology Letters</i> , 2019, 6, 662-668.	3.9	124
632	Using Machine Learning to Classify Bioactivity for 3486 Per- and Polyfluoroalkyl Substances (PFASs) from the OECD List. <i>Environmental Science & Technology</i> , 2019, 53, 13970-13980.	4.6	68
633	Probing the hepatotoxicity mechanisms of novel chlorinated polyfluoroalkyl sulfonates to zebrafish larvae: Implication of structural specificity. <i>Environment International</i> , 2019, 133, 105262.	4.8	27
634	Fragmentation studies of neutral per- and polyfluoroalkyl substances by atmospheric pressure ionization-multiple-stage mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7357-7373.	1.9	2
635	Molecular aggregation structure and water repellency of Poly(perfluorohexyl acrylate) with a carbamate linkage. <i>Polymer</i> , 2019, 182, 121846.	1.8	8
636	Use of literature mining for early identification of emerging contaminants in freshwater resources. <i>Environmental Evidence</i> , 2019, 8, .	1.1	9

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637	Perfluorohexanoic acid toxicity, part II: Application of human health toxicity value for risk characterization. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 103, 10-20.	1.3	33
638	Exposure to Perfluoroalkyl Substances during Fetal Life and Pubertal Development in Boys and Girls from the Danish National Birth Cohort. <i>Environmental Health Perspectives</i> , 2019, 127, 17004.	2.8	64
639	Pathology in Ecological Research With Implications for One Health: Session Summary. <i>Toxicologic Pathology</i> , 2019, 47, 1072-1075.	0.9	5
640	Leachate emissions of short- and long-chain per- and polyfluoroalkyl substances (PFASs) from various Norwegian landfills. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1970-1979.	1.7	43
641	Fate and Transport of Perfluoroalkyl Substances from Snowpacks into a Lake in the High Arctic of Canada. <i>Environmental Science & Technology</i> , 2019, 53, 10753-10762.	4.6	41
642	Suspect screening and prioritization of chemicals of concern (COCs) in a forest-water reuse system watershed. <i>Science of the Total Environment</i> , 2019, 694, 133378.	3.9	13
643	Occurrences of perfluoroalkyl and polyfluoroalkyl substances in tree bark: Interspecies variability related to chain length. <i>Science of the Total Environment</i> , 2019, 689, 1388-1395.	3.9	11
644	Potential-Driven Electron Transfer Lowers the Dissociation Energy of the C-F Bond and Facilitates Reductive Defluorination of Perfluorooctane Sulfonate (PFOS). <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33913-33922.	4.0	67
645	Enhanced host-guest complexation of short chain perfluoroalkyl substances with positively charged β -cyclodextrin derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 95, 111-117.	0.9	15
646	Ultra-Short-Chain Perfluoroalkyl Acids Including Trifluoromethane Sulfonic Acid in Water Connected to Known and Suspected Point Sources in Sweden. <i>Environmental Science & Technology</i> , 2019, 53, 11093-11101.	4.6	70
647	Toxicokinetics of 8:2 fluorotelomer alcohol (8:2-FTOH) in male and female Hsd:Sprague Dawley SD rats after intravenous and gavage administration. <i>Toxicology Reports</i> , 2019, 6, 924-932.	1.6	20
648	Partition coefficients of four perfluoroalkyl acid alternatives between bovine serum albumin (BSA) and water in comparison to ten classical perfluoroalkyl acids. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1852-1863.	1.7	36
649	Biomagnification of perfluoroalkyl acids (PFAAs) in the food web of an urban river: assessment of the trophic transfer of targeted and unknown precursors and implications. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1864-1874.	1.7	45
650	An investigation into per- and polyfluoroalkyl substances (PFAS) in nineteen Australian wastewater treatment plants (WWTPs). <i>Heliyon</i> , 2019, 5, e02316.	1.4	166
651	Experimental analysis of an innovative organic membrane for air to air enthalpy exchangers. <i>International Communications in Heat and Mass Transfer</i> , 2019, 108, 104332.	2.9	8
652	Evaluation of morpho-physiological traits and contaminant accumulation ability in <i>Lemna minor</i> L. treated with increasing perfluorooctanoic acid (PFOA) concentrations under laboratory conditions. <i>Science of the Total Environment</i> , 2019, 695, 133828.	3.9	37
653	Morphological evidence of neurotoxic effects in chicken embryos after exposure to perfluorooctanoic acid (PFOA) and inorganic cadmium. <i>Toxicology</i> , 2019, 427, 152286.	2.0	16
654	Atmospheric perfluoroalkyl acid occurrence and isomer profiles in Beijing, China. <i>Environmental Pollution</i> , 2019, 255, 113129.	3.7	16

#	ARTICLE	IF	CITATIONS
655	Perfluoroalkyl acids and thyroid hormones across stages of kidney function. <i>Science of the Total Environment</i> , 2019, 696, 133994.	3.9	3
656	Sex differences in the association between perfluoroalkyl acids and liver function in US adolescents: Analyses of NHANES 2013–2016. <i>Environmental Pollution</i> , 2019, 254, 113061.	3.7	31
657	Occurrence and transport behaviors of perfluoroalkyl acids in drinking water distribution systems. <i>Science of the Total Environment</i> , 2019, 697, 134162.	3.9	34
658	Organic Contaminants in Zooplankton of Italian Subalpine Lakes: Patterns of Distribution and Seasonal Variations. <i>Water (Switzerland)</i> , 2019, 11, 1901.	1.2	7
659	Stabilization of per- and polyfluoroalkyl substances (PFASs) with colloidal activated carbon (PlumeStop®) as a function of soil clay and organic matter content. <i>Journal of Environmental Management</i> , 2019, 249, 109345.	3.8	48
660	Environmental Chemical Contaminants in Food: Review of a Global Problem. <i>Journal of Toxicology</i> , 2019, 2019, 1-14.	1.4	203
661	Hand Wipes: A Useful Tool for Assessing Human Exposure to Poly- and Perfluoroalkyl Substances (PFASs) through Hand-to-Mouth and Dermal Contacts. <i>Environmental Science & Technology</i> , 2019, 53, 1985-1993.	4.6	49
662	Perfluoroalkyl substances exposure and risk of polycystic ovarian syndrome related infertility in Chinese women. <i>Environmental Pollution</i> , 2019, 247, 824-831.	3.7	39
663	Perfluoroalkyl substances (PFASs) in edible fish species from Charleston Harbor and tributaries, South Carolina, United States: Exposure and risk assessment. <i>Environmental Research</i> , 2019, 171, 266-277.	3.7	111
664	Total Fluorine Measurements in Food Packaging: How Do Current Methods Perform?. <i>Environmental Science and Technology Letters</i> , 2019, 6, 73-78.	3.9	84
665	Perfluorooctanoic Acid (PFOA): Environmental Sources, Chemistry, Toxicology, and Potential Risks. <i>Soil and Sediment Contamination</i> , 2019, 28, 258-273.	1.1	33
666	The role of analytical chemistry in exposure science: Focus on the aquatic environment. <i>Chemosphere</i> , 2019, 222, 564-583.	4.2	87
667	Destabilizing effect of perfluorodecanoic acid on simple membrane models. <i>Soft Matter</i> , 2019, 15, 2447-2462.	1.2	8
668	Is the phase-out of long-chain PFASs measurable as fingerprint in a defined area? Comparison of global PFAS concentrations and a monitoring study performed in Hesse, Germany from 2014 to 2018. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115393.	5.8	29
669	Emerging contaminants in the atmosphere: Analysis, occurrence and future challenges. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 104-171.	6.6	47
670	Short fluorocarbon chains containing hydrophobic nanofibrous membranes with improved hemocompatibility, anticoagulation and anti-fouling performance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 180, 49-57.	2.5	11
671	Aggregated-fluorescent detection of PFAS with a simple chip. <i>Analytical Methods</i> , 2019, 11, 163-170.	1.3	27
672	Metabolome Wide Association Study of Serum Poly and Perfluoroalkyl Substances (PFASs) in Pregnancy and Early Postpartum. <i>Reproductive Toxicology</i> , 2019, 87, 70-78.	1.3	30

#	ARTICLE	IF	CITATIONS
673	Perfluoroalkyl substances in the Maltese environment – (II) sediments, soils and groundwater. <i>Science of the Total Environment</i> , 2019, 682, 180-189.	3.9	34
674	Occurrence, Removal and Bioaccumulation of Perfluoroalkyl Substances in Lake Chaohu, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1692.	1.2	18
675	Physico-chemical properties and gestational diabetes predict transplacental transfer and partitioning of perfluoroalkyl substances. <i>Environment International</i> , 2019, 130, 104874.	4.8	60
676	Characteristics and human inhalation exposure of ionic per- and polyfluoroalkyl substances (PFASs) in PM10 of cities around the Bohai Sea: Diurnal variation and effects of heating activity. <i>Science of the Total Environment</i> , 2019, 687, 177-187.	3.9	21
677	Coating Architects: Manipulating Multiscale Structures To Optimize Interfacial Properties for Coating Applications. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2249-2266.	2.0	23
678	Occurrence of per- and polyfluoroalkyl substances (PFAS) in source water and their treatment in drinking water. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 2359-2396.	6.6	166
679	Short-term stability assessment for the analysis of emerging contaminants in seawater. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23861-23872.	2.7	5
680	Previously unidentified sources of perfluoroalkyl and polyfluoroalkyl substances from building materials and industrial fabrics. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1936-1945.	1.7	23
681	Metabolomics of childhood exposure to perfluoroalkyl substances: a cross-sectional study. <i>Metabolomics</i> , 2019, 15, 95.	1.4	52
682	Development of an oral reference dose for the perfluorinated compound GenX. <i>Journal of Applied Toxicology</i> , 2019, 39, 1267-1282.	1.4	22
683	Bioaccumulation and biomagnification of perfluoroalkyl acids and precursors in East Greenland polar bears and their ringed seal prey. <i>Environmental Pollution</i> , 2019, 252, 1335-1343.	3.7	76
684	Reduction of hazardous chemicals in Swedish preschool dust through article substitution actions. <i>Environment International</i> , 2019, 130, 104921.	4.8	35
685	Occurrence and human exposure assessment of perfluorinated substances in house dust from three European countries. <i>Science of the Total Environment</i> , 2019, 685, 308-314.	3.9	43
687	Developments in society and implications for emerging pollutants in the aquatic environment. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	46
688	The concept of essential use for determining when uses of PFASs can be phased out. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1803-1815.	1.7	125
689	Cord blood Per- and polyfluoroalkyl substances, placental steroidogenic enzyme, and cord blood reproductive hormone. <i>Environment International</i> , 2019, 129, 573-582.	4.8	39
690	Analysis of GenX and Other Per- and Polyfluoroalkyl Substances in Environmental Water Samples. <i>Separation Science and Technology</i> , 2019, , 355-370.	0.0	5
691	Polymers dynamics of the nonfluoro, nano-brush repelling agent with self-stratifying property in water-based coatings. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48003.	1.3	1

#	ARTICLE	IF	CITATIONS
692	The effect of environmentally relevant emerging per- and polyfluoroalkyl substances on the growth and antioxidant response in marine <i>Chlorella</i> sp.. <i>Environmental Pollution</i> , 2019, 252, 103-109.	3.7	42
693	Risky Business? Manufacturer and Retailer Action to Remove Per- and Polyfluorinated Chemicals From Consumer Products. <i>New Solutions</i> , 2019, 29, 242-265.	0.6	12
694	Perfluoroalkyl Acid Characterization in U.S. Municipal Organic Solid Waste Composts. <i>Environmental Science and Technology Letters</i> , 2019, 6, 372-377.	3.9	58
695	Upcycling aromatic polymers through C-H fluoroalkylation. <i>Chemical Science</i> , 2019, 10, 6270-6277.	3.7	59
696	Prenatal perfluorooctanoic acid exposure is associated with early onset atopic dermatitis in 5-year-old children. <i>Chemosphere</i> , 2019, 231, 25-31.	4.2	17
697	Removal of perfluoroalkyl acids (PFAAs) through fluorochemical industrial and domestic wastewater treatment plants and bioaccumulation in aquatic plants in river and artificial wetland. <i>Environment International</i> , 2019, 129, 76-85.	4.8	52
698	Bioaccumulation in the gut and liver causes gut barrier dysfunction and hepatic metabolism disorder in mice after exposure to low doses of OBS. <i>Environment International</i> , 2019, 129, 279-290.	4.8	60
699	Sorption of PFOS isomers on goethite as a function of pH, dissolved organic matter (humic and fulvic) Tj ETQq1 1 0,784314 rgBT /Overl 4.2 28	4.2	28
700	Exposure of <i>Juncus effusus</i> to seven perfluoroalkyl acids: Uptake, accumulation and phytotoxicity. <i>Chemosphere</i> , 2019, 233, 300-308.	4.2	73
701	Determinants of per- and polyfluoroalkyl substances (PFAS) in midlife women: Evidence of racial/ethnic and geographic differences in PFAS exposure. <i>Environmental Research</i> , 2019, 175, 186-199.	3.7	102
702	Emerging per- and polyfluoroalkyl substances (PFASs) in surface water and sediment of the North and Baltic Seas. <i>Science of the Total Environment</i> , 2019, 686, 360-369.	3.9	90
703	Analysis of F-53B, Gen-X, ADONA, and emerging fluoroalkylether substances in environmental and biomonitoring samples: A review. <i>Trends in Environmental Analytical Chemistry</i> , 2019, 23, e00066.	5.3	123
704	Effect of long- and short-chain perfluorinated compounds on cultured thyroid cells viability and response to TSH. <i>Journal of Endocrinological Investigation</i> , 2019, 42, 1329-1335.	1.8	20
705	Cross-linker Chemistry Determines the Uptake Potential of Perfluorinated Alkyl Substances by β -Cyclodextrin Polymers. <i>Macromolecules</i> , 2019, 52, 3747-3752.	2.2	64
706	An Underground Radio Wave Propagation Prediction Model for Digital Agriculture. <i>Information (Switzerland)</i> , 2019, 10, 147.	1.7	35
707	Vertical distribution of perfluoroalkyl substances in water columns around the Japan sea and the Mediterranean Sea. <i>Chemosphere</i> , 2019, 231, 487-494.	4.2	18
708	Per- and polyfluoroalkyl substances (PFASs) in the blood of two colobine monkey species from China: Occurrence and exposure pathways. <i>Science of the Total Environment</i> , 2019, 674, 524-531.	3.9	18
709	Can sustained exposure to PFAS trigger a genotoxic response? A comprehensive genotoxicity assessment in mice after subacute oral administration of PFOA and PFBA. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 106, 169-177.	1.3	33

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710	A single analytical method for the determination of 53 legacy and emerging per- and polyfluoroalkyl substances (PFAS) in aqueous matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3507-3520.	1.9	73
711	Occurrence and Degradation Potential of Fluoroalkylsilane Substances as Precursors of Perfluoroalkyl Carboxylic Acids. <i>Environmental Science & Technology</i> , 2019, 53, 4823-4831.	4.6	14
712	Determination of 20 perfluoroalkyl substances in greenhouse vegetables with a modified one-step pretreatment approach coupled with ultra performance liquid chromatography tandem mass spectrometry (UPLC-MS-MS). <i>Chemosphere</i> , 2019, 227, 470-479.	4.2	31
713	Assessing exposure to legacy and emerging per- and polyfluoroalkyl substances via hair – The first nationwide survey in India. <i>Chemosphere</i> , 2019, 229, 366-373.	4.2	39
714	Perfluoroalkyl substances (PFASs) in the marine environment: Spatial distribution and temporal profile shifts in shellfish from French coasts. <i>Chemosphere</i> , 2019, 228, 640-648.	4.2	50
715	Determination of adsorbable organically bound fluorine (AOF) and adsorbable organically bound halogens as sum parameters in aqueous environmental samples using combustion ion chromatography (CIC). <i>Science of the Total Environment</i> , 2019, 673, 384-391.	3.9	29
716	Per- and Polyfluoroalkyl Substances in Representative Fluorocarbon Surfactants Used in Chinese Film-Forming Foams: Levels, Profile Shift, and Environmental Implications. <i>Environmental Science and Technology Letters</i> , 2019, 6, 259-264.	3.9	50
717	Development of a suspect screening prioritization tool for organic compounds in water and biota. <i>Chemosphere</i> , 2019, 222, 904-912.	4.2	16
718	Effects of perfluorooctanoic acid on stem Leydig cell functions in the rat. <i>Environmental Pollution</i> , 2019, 250, 206-215.	3.7	40
719	Identification of Per- and Polyfluoroalkyl Substances in the Cape Fear River by High Resolution Mass Spectrometry and Nontargeted Screening. <i>Environmental Science & Technology</i> , 2019, 53, 4717-4727.	4.6	119
720	Comparative Hepatotoxicity of Novel PFOA Alternatives (Perfluoropolyether Carboxylic Acids) on Male Mice. <i>Environmental Science & Technology</i> , 2019, 53, 3929-3937.	4.6	47
721	Perfluoroalkyl Substance Assessment in Turin Metropolitan Area and Correlation with Potential Sources of Pollution according to the Water Safety Plan Risk Management Approach. <i>Separations</i> , 2019, 6, 17.	1.1	7
722	Structure-based investigation on the association between perfluoroalkyl acids exposure and both gestational diabetes mellitus and glucose homeostasis in pregnant women. <i>Environment International</i> , 2019, 127, 85-93.	4.8	37
723	Perfluorinated substances, risk factors for multiple sclerosis and cellular immune activation. <i>Journal of Neuroimmunology</i> , 2019, 330, 90-95.	1.1	6
724	Assessing the human health risks of perfluorooctane sulfonate by in vivo and in vitro studies. <i>Environment International</i> , 2019, 126, 598-610.	4.8	176
725	Per- and polyfluoroalkyl substances (PFAS) in plasma of the West Indian manatee (<i>Trichechus</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 107 2.35 23		
726	Gas-Phase Detection of Fluorotelomer Alcohols and Other Oxygenated Per- and Polyfluoroalkyl Substances by Chemical Ionization Mass Spectrometry. <i>Environmental Science and Technology Letters</i> , 2019, 6, 289-293.	3.9	25
727	Does water temperature influence the distribution and elimination of perfluorinated substances in rainbow trout (<i>Oncorhynchus mykiss</i>)?. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16355-16365.	2.7	17

#	ARTICLE	IF	CITATIONS
728	Physico-Chemical Processes for the Treatment of Per- And Polyfluoroalkyl Substances (PFAS): A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 866-915.	6.6	168
729	Cytotoxicity and cellular uptake of perfluorodecanoic acid. <i>Journal of Fluorine Chemistry</i> , 2019, 221, 56-60.	0.9	1
730	Global transport of perfluoroalkyl acids via sea spray aerosol. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 635-649.	1.7	68
731	Leaching and transport of PFAS from aqueous film-forming foam (AFFF) in the unsaturated soil at a firefighting training facility under cold climatic conditions. <i>Journal of Contaminant Hydrology</i> , 2019, 222, 112-122.	1.6	139
732	Development and validation of an extraction method for the analysis of perfluoroalkyl substances (PFASs) in environmental and biotic matrices. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1116, 30-37.	1.2	29
733	Identification and quantification of perfluorooctane sulfonamide isomers by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1594, 65-71.	1.8	5
734	Prenatal exposure to perfluoroalkyl substances is associated with lower hand, foot and mouth disease viruses antibody response in infancy: Findings from the Guangzhou Birth Cohort Study. <i>Science of the Total Environment</i> , 2019, 663, 60-67.	3.9	28
735	Multi-compartment distribution of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in an urban catchment system. <i>Water Research</i> , 2019, 154, 227-237.	5.3	65
736	Occurrence and levels of micropollutants across environmental and engineered compartments in Austria. <i>Journal of Environmental Management</i> , 2019, 232, 636-653.	3.8	17
737	Contamination of groundwater with per- and polyfluoroalkyl substances (PFAS) from legacy landfills in an urban re-development precinct. <i>Environmental Pollution</i> , 2019, 248, 101-113.	3.7	150
738	Cross-sectional study of the association between serum perfluorinated alkyl acid concentrations and dental caries among US adolescents (NHANES 1999-2012). <i>BMJ Open</i> , 2019, 9, e024189.	0.8	4
739	Characterization of perfluoroalkyl substances in sediment cores from High and Low Arctic lakes in Canada. <i>Science of the Total Environment</i> , 2019, 666, 414-422.	3.9	45
740	High-resolution mass spectrometry (HRMS) methods for nontarget discovery and characterization of poly- and per-fluoroalkyl substances (PFASs) in environmental and human samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 121, 115420.	5.8	164
741	Worldwide trends in tracing poly- and perfluoroalkyl substances (PFAS) in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 121, 115410.	5.8	233
742	Perfluoroalkane wax infused gels for effective, regenerating, anti-icing surfaces. <i>Chemical Communications</i> , 2019, 55, 3215-3218.	2.2	21
743	Plasma Water Treatment and Oxidation of Organic Matter in Water. , 2019, , .		0
744	Occurrence and source apportionment of perfluoroalkyl acids (PFAAs) in the atmosphere in China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 14107-14117.	1.9	16
745	Association between prenatal exposure to perfluoroalkyl substances and asthma in 5-year-old children in the Odense Child Cohort. <i>Environmental Health</i> , 2019, 18, 97.	1.7	19

#	ARTICLE	IF	CITATIONS
746	Developmental exposure to a mixture of perfluoroalkyl acids (PFAAs) affects the thyroid hormone system and the bursa of Fabricius in the chicken. <i>Scientific Reports</i> , 2019, 9, 19808.	1.6	10
747	The determination of two emerging perfluoroalkyl substances and related halogenated sulfonic acids and their significance for the drinking water supply chain. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1899-1907.	1.7	13
748	Themed issues on per- and polyfluoroalkyl substances. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1797-1802.	1.7	13
749	Treatment of per- and polyfluoroalkyl substances in landfill leachate: status, chemistry and prospects. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1814-1835.	1.2	79
750	Towards the development of a standardized method for extraction and analysis of PFAS in biological tissues. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1876-1886.	1.2	10
751	Themed issues on per- and polyfluoroalkyl substances. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1808-1813.	1.2	4
752	Spatiotemporal distribution and isomer profiles of perfluoroalkyl acids in airborne particulate matter in Chengdu City, China. <i>Science of the Total Environment</i> , 2019, 689, 1235-1243.	3.9	16
753	Persistent pollutants. <i>Current Opinion in Critical Care</i> , 2019, 25, 539-549.	1.6	20
754	Characterization of the Chemical Contents of Fluorinated and Fluorine-Free Firefighting Foams Using a Novel Workflow Combining Nontarget Screening and Total Fluorine Analysis. <i>Environmental Science & Technology</i> , 2020, 54, 245-254.	4.6	57
755	Temporal Trends in Per- and Polyfluoroalkyl Substances in Bottlenose Dolphins (<i>Tursiops</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Environmental Science & Technology</i> , 2019, 53, 14194-14203.	4.6	17
756	Exploring open cheminformatics approaches for categorizing per- and polyfluoroalkyl substances (PFASs). <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1835-1851.	1.7	25
757	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. <i>Science of the Total Environment</i> , 2019, 649, 99-110.	3.9	150
758	Kinetic model for sonolytic degradation of non-volatile surfactants: Perfluoroalkyl substances. <i>Ultrasonics Sonochemistry</i> , 2019, 51, 359-368.	3.8	44
759	Calibration and application of passive sampling for per- and polyfluoroalkyl substances in a drinking water treatment plant. <i>Journal of Hazardous Materials</i> , 2019, 362, 230-237.	6.5	36
760	Measuring total PFASs in water: The tradeoff between selectivity and inclusivity. <i>Current Opinion in Environmental Science and Health</i> , 2019, 7, 13-18.	2.1	76
761	The PFOA substitute GenX detected in the environment near a fluoropolymer manufacturing plant in the Netherlands. <i>Chemosphere</i> , 2019, 220, 493-500.	4.2	118
762	Nonfluorinated Superomniphobic Surfaces through Shape-Tunable Mushroom-like Polymeric Micropillar Arrays. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5484-5491.	4.0	26
763	Modelling the transport of shipborne per- and polyfluoroalkyl substances (PFAS) in the coastal environment. <i>Science of the Total Environment</i> , 2019, 658, 602-613.	3.9	15

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764	Partitioning of poly- and perfluoroalkyl substances from soil to groundwater within aqueous film-forming foam source zones. <i>Journal of Contaminant Hydrology</i> , 2019, 220, 59-65.	1.6	109
765	Do concentrations of perfluoroalkylated acids (PFAAs) in isopods reflect concentrations in soil and songbirds? A study using a distance gradient from a fluorochemical plant. <i>Science of the Total Environment</i> , 2019, 657, 111-123.	3.9	28
766	The overlooked short- and ultrashort-chain poly- and perfluorinated substances: A review. <i>Chemosphere</i> , 2019, 220, 866-882.	4.2	287
767	Selected persistent organic pollutants (POPs) in the rhizosphere of sewage sludge-treated soil: implications for the biodegradability of POPs. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 994-1009.	1.3	17
768	Association between polyfluoroalkyl chemical concentrations and leucocyte telomere length in US adults. <i>Science of the Total Environment</i> , 2019, 653, 547-553.	3.9	26
769	Removal of per- and polyfluoroalkyl substances using super-fine powder activated carbon and ceramic membrane filtration. <i>Journal of Hazardous Materials</i> , 2019, 366, 160-168.	6.5	83
770	A critical review on passive sampling in air and water for per- and polyfluoroalkyl substances (PFASs). <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 121, 115311.	5.8	38
771	A review of the pathways of human exposure to poly- and perfluoroalkyl substances (PFASs) and present understanding of health effects. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 131-147.	1.8	1,219
772	How the Horváth paradigm, Fluorous Biphasic Catalysis, affected oxidation chemistry: Successes, challenges, and a sustainable future. <i>Coordination Chemistry Reviews</i> , 2019, 380, 584-599.	9.5	19
773	A Chemical Category-Based Prioritization Approach for Selecting 75 Per- and Polyfluoroalkyl Substances (PFAS) for Tiered Toxicity and Toxicokinetic Testing. <i>Environmental Health Perspectives</i> , 2019, 127, 14501.	2.8	75
774	Hepatotoxicity of perfluorooctanoic acid and two emerging alternatives based on a 3D spheroid model. <i>Environmental Pollution</i> , 2019, 246, 955-962.	3.7	35
775	Perfluoroalkyl Acids (PFAAs) Concentrations and Oxidative Status in Two Generations of Great Tits Inhabiting a Contamination Hotspot. <i>Environmental Science & Technology</i> , 2019, 53, 1617-1626.	4.6	34
776	Variation in PFAA concentrations and egg parameters throughout the egg-laying sequence in a free-living songbird (the great tit, <i>Parus major</i>): Implications for biomonitoring studies. <i>Environmental Pollution</i> , 2019, 246, 237-248.	3.7	22
777	Guideline levels for PFOA and PFOS in drinking water: the role of scientific uncertainty, risk assessment decisions, and social factors. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 157-171.	1.8	223
778	Prenatal perfluorooctanoic acid exposure and glutathione s-transferase T1/M1 genotypes and their association with atopic dermatitis at 2 years of age. <i>PLoS ONE</i> , 2019, 14, e0210708.	1.1	11
779	Bioaccumulation behavior and spatiotemporal trends of per- and polyfluoroalkyl substances in Indo-Pacific humpback dolphins from the Pearl River Estuary, China. <i>Science of the Total Environment</i> , 2019, 658, 1029-1038.	3.9	41
780	Stabilization and solidification remediation of soil contaminated with poly- and perfluoroalkyl substances (PFASs). <i>Journal of Hazardous Materials</i> , 2019, 367, 639-646.	6.5	93
781	Variation in microbial community structure in surface seawater from Pearl River Delta: Discerning the influencing factors. <i>Science of the Total Environment</i> , 2019, 660, 136-144.	3.9	49

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782	Distribution, Toxic Potential, and Influence of Land Use on Conventional and Emerging Contaminants in Urban Stormwater Pond Sediments. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 76, 265-294.	2.1	17
783	Nanotechnology in remediation of water contaminated by poly- and perfluoroalkyl substances: A review. <i>Environmental Pollution</i> , 2019, 247, 266-276.	3.7	92
784	Perfluoroalkyl substances and metabolic syndrome. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 147-153.	2.1	60
785	Limited reproductive impairment in a passerine bird species exposed along a perfluoroalkyl acid (PFAA) pollution gradient. <i>Science of the Total Environment</i> , 2019, 652, 718-728.	3.9	41
786	Where has the pollution gone? A survey of organic contaminants in Ho Chi Minh city / Saigon River (Vietnam) bed sediments. <i>Chemosphere</i> , 2019, 217, 261-269.	4.2	30
787	Accumulation of perfluorinated alkyl substances (PFAS) in agricultural plants: A review. <i>Environmental Research</i> , 2019, 169, 326-341.	3.7	361
788	Determining global background soil PFAS loads and the fluorotelomer-based polymer degradation rates that can account for these loads. <i>Science of the Total Environment</i> , 2019, 651, 2444-2449.	3.9	57
789	Distinct transcriptional response of <i>Caenorhabditis elegans</i> to different exposure routes of perfluorooctane sulfonic acid. <i>Environmental Research</i> , 2019, 168, 406-413.	3.7	16
790	Renal function and isomers of perfluorooctanoate (PFOA) and perfluorooctanesulfonate (PFOS): Isomers of C8 Health Project in China. <i>Chemosphere</i> , 2019, 218, 1042-1049.	4.2	32
791	Perfluorononanoic acid (PFNA) alters lipid accumulation in bovine blastocysts after oocyte exposure during in vitro maturation. <i>Reproductive Toxicology</i> , 2019, 84, 1-8.	1.3	18
792	How Do We Measure Poly- and Perfluoroalkyl Substances (PFASs) at the Surface of Consumer Products?. <i>Environmental Science and Technology Letters</i> , 2019, 6, 38-43.	3.9	46
793	Perfluorinated compounds binding to estrogen receptor of different species: a molecular dynamic modeling. <i>Journal of Molecular Modeling</i> , 2019, 25, 1.	0.8	71
794	Developing a groundwater watch list for substances of emerging concern: a European perspective. <i>Environmental Research Letters</i> , 2019, 14, 035004.	2.2	49
795	Poly- and Perfluoroalkyl Substances in Runoff Water and Wastewater Sampled at a Firefighter Training Area. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 76, 206-215.	2.1	43
796	Associations of serum perfluoroalkyl substance and vitamin D biomarker concentrations in NHANES, 2003-2010. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 262-269.	2.1	23
797	Perfluoroalkyl acids in fish of Italian deep lakes: Environmental and human risk assessment. <i>Science of the Total Environment</i> , 2019, 653, 351-358.	3.9	36
798	Dried blood spots for reliable biomonitoring of poly- and perfluoroalkyl substances (PFASs). <i>Science of the Total Environment</i> , 2019, 655, 1420-1426.	3.9	16
799	Deep seepage of per- and polyfluoroalkyl substances through the soil of a firefighter training site and subsequent groundwater contamination. <i>Chemosphere</i> , 2019, 214, 729-737.	4.2	112

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800	Chronic exposure to perfluorononanoic acid impairs spermatogenesis, steroidogenesis and fertility in male mice. <i>Journal of Applied Toxicology</i> , 2019, 39, 420-431.	1.4	22
801	Analysis of emerging per- and polyfluoroalkyl substances: Progress and current issues. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115481.	5.8	64
802	Unique analytical considerations for laboratory studies identifying metabolic products of per- and polyfluoroalkyl substances (PFASs). <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115431.	5.8	19
803	Water repellent treatment for cotton fabrics with long-chain fluoropolymer and its short-chain eco-friendly alternative. <i>Journal of the Textile Institute</i> , 2020, 111, 835-845.	1.0	11
804	Efficient removal of GenX (HFPO-DA) and other perfluorinated ether acids from drinking and recycled waters using anion exchange resins. <i>Journal of Hazardous Materials</i> , 2020, 384, 121261.	6.5	65
805	Temporal Trends (1981–2013) of Per- and Polyfluoroalkyl Substances and Total Fluorine in Baltic cod (<i>Gadus morhua</i>). <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 300-309.	2.2	31
806	Evaluation of perfluoroalkyl substances in field-cultivated vegetables. <i>Chemosphere</i> , 2020, 239, 124750.	4.2	33
807	Occurrence and source apportionment of novel and legacy poly/perfluoroalkyl substances in Hai River basin in China using receptor models and isomeric fingerprints. <i>Water Research</i> , 2020, 168, 115145.	5.3	88
808	Human-Based Exposure Levels of Perfluoroalkyl Acids May Induce Harmful Effects to Health by Disrupting Major Components of Androgen Receptor Signalling In Vitro. <i>Exposure and Health</i> , 2020, 12, 527-538.	2.8	5
809	Short-chain per- and polyfluoroalkyl substances in aquatic systems: Occurrence, impacts and treatment. <i>Chemical Engineering Journal</i> , 2020, 380, 122506.	6.6	285
810	In utero exposure to poly- and perfluoroalkyl substances (PFASs) and subsequent breast cancer. <i>Reproductive Toxicology</i> , 2020, 92, 112-119.	1.3	31
811	Understanding mixed environmental exposures using metabolomics via a hierarchical community network model in a cohort of California women in 1960s. <i>Reproductive Toxicology</i> , 2020, 92, 57-65.	1.3	26
812	Concentration and distribution of per- and polyfluoroalkyl substances (PFAS) in the Asan Lake area of South Korea. <i>Journal of Hazardous Materials</i> , 2020, 381, 120909.	6.5	109
813	Gas chromatography and liquid chromatography coupled to mass spectrometry for the determination of fluorotelomer olefins, fluorotelomer alcohols, perfluoroalkyl sulfonamides and sulfonamido-ethanols in water. <i>Journal of Chromatography A</i> , 2020, 1609, 460463.	1.8	13
814	Sociodemographic and behavioral determinants of serum concentrations of per- and polyfluoroalkyl substances in a community highly exposed to aqueous film-forming foam contaminants in drinking water. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 256-266.	2.1	53
815	Perfluorinated substances in the Flemish population (Belgium): Levels and determinants of variability in exposure. <i>Chemosphere</i> , 2020, 242, 125250.	4.2	51
816	Uptake and translocation of perfluoroalkyl acids (PFAA) in red chicory (<i>Cichorium intybus</i> L.) under various treatments with pre-contaminated soil and irrigation water. <i>Science of the Total Environment</i> , 2020, 708, 134766.	3.9	48
817	Associations of Exposure to Perfluoroalkyl Substances With Thyroid Hormone Concentrations and Birth Size. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 735-745.	1.8	39

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818	Toxicokinetics of perfluorohexanoic acid (PFHxA), perfluorooctanoic acid (PFOA) and perfluorodecanoic acid (PFDA) in male and female Hsd:Sprague dawley SD rats following intravenous or gavage administration. <i>Xenobiotica</i> , 2020, 50, 722-732.	0.5	31
819	Prenatal exposure to perfluoroalkyl substances and associations with symptoms of attention-deficit/hyperactivity disorder and cognitive functions in preschool children. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 80-92.	2.1	52
820	Formation of perfluorocarboxylic acids from 6:2 fluorotelomer sulfonate (6:2 FTS) in landfill leachate: Role of microbial communities. <i>Environmental Pollution</i> , 2020, 259, 113835.	3.7	34
821	A review of the emerging treatment technologies for PFAS contaminated soils. <i>Journal of Environmental Management</i> , 2020, 255, 109896.	3.8	174
822	Influence of overwinter distribution on exposure to persistent organic pollutants (POPs) in seabirds, ancient murrelets (<i>Synthliboramphus antiquus</i>), breeding on the Pacific coast of Canada. <i>Environmental Pollution</i> , 2020, 259, 113842.	3.7	11
823	Investigations on the phytotoxicity of perfluorooctanoic acid in <i>Arabidopsis thaliana</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 1131-1143.	2.7	18
824	Polyfluoroalkyl-silica porous coatings with high antireflection properties and low surface free energy for glass in solar energy application. <i>Applied Surface Science</i> , 2020, 509, 144864.	3.1	13
825	Concentrations of perfluoroalkyl substances in human milk from Ireland: Implications for adult and nursing infant exposure. <i>Chemosphere</i> , 2020, 246, 125724.	4.2	45
826	Tissue distribution and bioaccumulation of a novel polyfluoroalkyl benzenesulfonate in crucian carp. <i>Environment International</i> , 2020, 135, 105418.	4.8	44
827	Microbial responses to perfluoroalkyl substances and perfluorooctanesulfonate (PFOS) desulfurization in the Antarctic marine environment. <i>Water Research</i> , 2020, 171, 115434.	5.3	39
828	Novel and legacy per- and polyfluoroalkyl substances in bald eagle eggs from the Great Lakes region. <i>Environmental Pollution</i> , 2020, 260, 113811.	3.7	24
829	Removal of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) from water by carbonaceous nanomaterials: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 2379-2414.	6.6	71
830	Distribution of perfluoroalkyl substances (PFASs) in aquatic plant-based systems: From soil adsorption and plant uptake to effects on microbial community. <i>Environmental Pollution</i> , 2020, 257, 113575.	3.7	63
831	A novel methodology for the determination of neutral perfluoroalkyl and polyfluoroalkyl substances in water by gas chromatography-atmospheric pressure photoionisation-high resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2020, 1100, 97-106.	2.6	23
832	Evaluation of the efficiency of selected wastewater treatment processes in removing selected perfluoroalkyl substances (PFASs). <i>Journal of Environmental Management</i> , 2020, 255, 109945.	3.8	34
833	A Matrix-Correction Approach to Estimate the Bioaccumulation Potential of Emerging PFASs. <i>Environmental Science & Technology</i> , 2020, 54, 1005-1013.	4.6	15
834	Perfluoroalkyl Substances and Metabolic Syndrome in Firefighters. <i>Journal of Occupational and Environmental Medicine</i> , 2020, 62, 52-57.	0.9	29
835	A Self-Assembled Iron(II) Metallage as a Trap for Per- and Polyfluoroalkyl Substances in Water. <i>Inorganic Chemistry</i> , 2020, 59, 6697-6708.	1.9	15

#	ARTICLE	IF	CITATIONS
836	Indoor exposure to per- and polyfluoroalkyl substances (PFAS) in the childcare environment. <i>Environmental Pollution</i> , 2020, 258, 113714.	3.7	57
837	Removal of poly- and perfluoroalkyl substances (PFAS) from water by adsorption: Role of PFAS chain length, effect of organic matter and challenges in adsorbent regeneration. <i>Water Research</i> , 2020, 171, 115381.	5.3	479
838	Behavioural effects and bioconcentration of per- and polyfluoroalkyl substances (PFASs) in zebrafish (<i>Danio rerio</i>) embryos. <i>Chemosphere</i> , 2020, 245, 125573.	4.2	90
839	Spatiotemporal distribution, sources and ecological risks of perfluorinated compounds (PFCs) in the Guanlan River from the rapidly urbanizing areas of Shenzhen, China. <i>Chemosphere</i> , 2020, 245, 125637.	4.2	38
840	Longitudinal trends in perfluoroalkyl and polyfluoroalkyl substances among multiethnic midlife women from 1999 to 2011: The Study of Women's Health Across the Nation. <i>Environment International</i> , 2020, 135, 105381.	4.8	53
841	Wastewater sources of per- and polyfluorinated alkyl substances (PFAS) and pharmaceuticals in four Canadian Arctic communities. <i>Science of the Total Environment</i> , 2020, 708, 134494.	3.9	49
842	Per- and polyfluoroalkyl substances and the contribution of unknown precursors and short-chain (C2-C3) perfluoroalkyl carboxylic acids at solid waste disposal facilities. <i>Science of the Total Environment</i> , 2020, 705, 135832.	3.9	55
843	Contaminant levels and endocrine disruptive effects in <i>Clarias gariepinus</i> exposed to simulated leachate from a solid waste dumpsite in Calabar, Nigeria. <i>Aquatic Toxicology</i> , 2020, 219, 105375.	1.9	18
844	Pelagic vs Coastal Key Drivers of Pollutant Levels in Barents Sea Polar Bears with Contrasted Space-Use Strategies. <i>Environmental Science & Technology</i> , 2020, 54, 985-995.	4.6	18
845	Model-based analysis of the uptake of perfluoroalkyl acids (PFAAs) from soil into plants. <i>Chemosphere</i> , 2020, 244, 125534.	4.2	19
846	Losses of poly- and perfluoroalkyl substances to syringe filter materials. <i>Journal of Chromatography A</i> , 2020, 1609, 460430.	1.8	32
847	Adverse effects of perfluoroalkyl acids on fish and other aquatic organisms: A review. <i>Science of the Total Environment</i> , 2020, 707, 135334.	3.9	71
848	High-Throughput UHPLC-MS/MS Measurement of Per- and Poly-Fluorinated Alkyl Substances in Human Serum. <i>Journal of Analytical Toxicology</i> , 2020, 44, 339-347.	1.7	13
849	Perfluoro-octanoic acid impairs sperm motility through the alteration of plasma membrane. <i>Journal of Endocrinological Investigation</i> , 2020, 43, 641-652.	1.8	42
850	Experimental investigation on the perfluorooctanoic and perfluorooctane sulfonic acids fate and behaviour in the activated sludge reactor. <i>Chemical Engineering Research and Design</i> , 2020, 134, 406-415.	2.7	25
851	Subacute dermal toxicity of perfluoroalkyl carboxylic acids: comparison with different carbon-chain lengths in human skin equivalents and systemic effects of perfluoroheptanoic acid in Sprague Dawley rats. <i>Archives of Toxicology</i> , 2020, 94, 523-539.	1.9	19
852	Perfluorinated compounds in the aquatic food chains of two subtropical estuaries. <i>Science of the Total Environment</i> , 2020, 719, 135047.	3.9	38
853	Trace level analyses of selected perfluoroalkyl acids in food: Method development and data generation. <i>Environmental Pollution</i> , 2020, 263, 113721.	3.7	42

#	ARTICLE	IF	CITATIONS
854	Risk to human health related to the presence of perfluoroalkyl substances in food. <i>EFSA Journal</i> , 2020, 18, e06223.	0.9	255
855	Association between exposure to per- and polyfluoroalkyl substances and blood glucose in pregnant women. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 230, 113596.	2.1	14
856	Uptake and Biological Effects of Perfluorooctane Sulfonate Exposure in the Adult Eastern Oyster <i>Crassostrea virginica</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 79, 333-342.	2.1	13
857	Characterising the effects of per- and polyfluoroalkyl substances (PFASs) on health and disease: An opportunity for exposomics?. <i>Current Opinion in Environmental Science and Health</i> , 2020, 15, 39-48.	2.1	4
858	Perfluoroalkyl acids potentiate glutamate excitotoxicity in rat cerebellar granule neurons. <i>Toxicology</i> , 2020, 445, 152610.	2.0	13
859	Novel Perfluoroalkyl Ether Carboxylic Acids (PFECAs) and Sulfonic Acids (PFESAs): Occurrence and Association with Serum Biochemical Parameters in Residents Living Near a Fluorochemical Plant in China. <i>Environmental Science & Technology</i> , 2020, 54, 13389-13398.	4.6	78
860	Determination of perfluoroalkyl substances (PFASs) in fats and oils by QuEChERS/micro-HPLC-MS/MS. <i>Food Research International</i> , 2020, 137, 109583.	2.9	13
861	A review on the sources, occurrence and health risks of per-/poly-fluoroalkyl substances (PFAS) arising from the manufacture and disposal of electric and electronic products. <i>Journal of Water Process Engineering</i> , 2020, 38, 101683.	2.6	74
862	Are Fluoropolymers Really of Low Concern for Human and Environmental Health and Separate from Other PFAS?. <i>Environmental Science & Technology</i> , 2020, 54, 12820-12828.	4.6	149
863	Fluorinated Surfactant Adsorption on Mineral Surfaces: Implications for PFAS Fate and Transport in the Environment. <i>Surfaces</i> , 2020, 3, 516-566.	1.0	45
864	Global Biogeochemical Cycle of Fluorine. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006722.	1.9	25
865	Perfluoroalkyl acids in pregnant women from Nunavik (Quebec, Canada): Trends in exposure and associations with country foods consumption. <i>Environment International</i> , 2020, 145, 106169.	4.8	16
866	Screening for 32 per- and polyfluoroalkyl substances (PFAS) including GenX in sludges from 43 WWTPs located in the Czech Republic - Evaluation of potential accumulation in vegetables after application of biosolids. <i>Chemosphere</i> , 2020, 261, 128018.	4.2	57
867	Prenatal exposure to perfluoroalkyl substances and behavioral difficulties in childhood at 7 and 11 years. <i>Environmental Research</i> , 2020, 191, 110111.	3.7	30
868	Baseline survey of marine sediments collected from the Kingdom of Bahrain: PAHs, PCBs, organochlorine pesticides, perfluoroalkyl substances, dioxins, brominated flame retardants and metal contamination. <i>Marine Pollution Bulletin</i> , 2020, 161, 111734.	2.3	30
869	A liquid chromatography tandem mass spectrometry method for determining 18 per- and polyfluoroalkyl substances in source and treated drinking water. <i>Journal of Chromatography A</i> , 2020, 1629, 461485.	1.8	9
870	Perfluorooctanoic acid (PFOA) inhibits the gap junction intercellular communication and induces apoptosis in human ovarian granulosa cells. <i>Reproductive Toxicology</i> , 2020, 98, 125-133.	1.3	19
871	Fluorinated Precursor Compounds in Sediments as a Source of Perfluorinated Alkyl Acids (PFAA) to Biota. <i>Environmental Science & Technology</i> , 2020, 54, 13077-13089.	4.6	51

#	ARTICLE	IF	CITATIONS
872	Levels of per- and polyfluoroalkyl substances (PFAS) in ski wax products on the market in 2019 indicate no changes in formulation. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2142-2146.	1.7	7
873	Recent Developments of PFAS-Detecting Sensors and Future Direction: A Review. <i>Micromachines</i> , 2020, 11, 667.	1.4	57
874	Accumulation of six PFAS compounds by woody and herbaceous plants: potential for phytoextraction. <i>International Journal of Phytoremediation</i> , 2020, 22, 1538-1550.	1.7	39
875	A forensic approach for distinguishing PFAS materials. <i>Environmental Forensics</i> , 2020, 21, 319-333.	1.3	20
876	Spatiotemporal variations, sources and health risk assessment of perfluoroalkyl substances in a temperate bay adjacent to metropolis, North China. <i>Environmental Pollution</i> , 2020, 265, 115011.	3.7	23
877	Photodegradation of Hexafluoropropylene Oxide Trimer Acid under UV Irradiation. <i>Journal of Environmental Sciences</i> , 2020, 97, 132-140.	3.2	8
878	Synergistic degradation of PFAS in water and soil by dual-frequency ultrasonic activated persulfate. <i>Chemical Engineering Journal</i> , 2020, 388, 124215.	6.6	80
879	Perfluoroalkyl substances and anthropomorphic measures in children (ages 3–11 years), NHANES 2013–2014. <i>Environmental Research</i> , 2020, 186, 109518.	3.7	13
880	A novel use of the leukocyte coping capacity assay to assess the immunomodulatory effects of organohalogenated contaminants in avian wildlife. <i>Environment International</i> , 2020, 142, 105861.	4.8	9
881	Serum albumin mediates the effect of multiple per- and polyfluoroalkyl substances on serum lipid levels. <i>Environmental Pollution</i> , 2020, 266, 115138.	3.7	32
882	Serum Half-Lives for Short- and Long-Chain Perfluoroalkyl Acids after Ceasing Exposure from Drinking Water Contaminated by Firefighting Foam. <i>Environmental Health Perspectives</i> , 2020, 128, 77004.	2.8	167
883	UV-degradable perfluoroalkyl bridged bonding with tetrafluoro- β -6-sulfanyl. <i>Chemical Papers</i> , 2020, 74, 4125-4133.	1.0	1
884	Enhanced permselective separation of per-fluorooctanoic acid in graphene oxide membranes by a simple PEI modification. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24800-24811.	5.2	34
885	Photocontrolled iodine-mediated reversible-deactivation radical polymerization with a semifluorinated alternating copolymer as the macroinitiator. <i>Polymer Chemistry</i> , 2020, 11, 7497-7505.	1.9	16
886	The high persistence of PFAS is sufficient for their management as a chemical class. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2307-2312.	1.7	125
887	Influences of Chemical Properties, Soil Properties, and Solution pH on Soil–Water Partitioning Coefficients of Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Science & Technology</i> , 2020, 54, 15883-15892.	4.6	171
888	Inventory and action plan for PFOS and related substances in Suriname as basis for Stockholm Convention implementation. <i>Emerging Contaminants</i> , 2020, 6, 421-431.	2.2	7
889	Exposure to Per- and Polyfluoroalkyl Substances and Adiposity at Age 12 Years: Evaluating Periods of Susceptibility. <i>Environmental Science & Technology</i> , 2020, 54, 16039-16049.	4.6	33

#	ARTICLE	IF	CITATIONS
890	Langmuir Films of Perfluorinated Fatty Alcohols: Evidence of Spontaneous Formation of Solid Aggregates at Zero Surface Pressure and Very Low Surface Density. <i>Nanomaterials</i> , 2020, 10, 2257.	1.9	5
891	The Adsorption Selectivity of Short and Long Per- and Polyfluoroalkyl Substances (PFASs) from Surface Water Using Powder-Activated Carbon. <i>Water (Switzerland)</i> , 2020, 12, 3287.	1.2	42
892	Autophagy mediates perfluorooctanoic acid-induced lipid metabolism disorder and NLRP3 inflammasome activation in hepatocytes. <i>Environmental Pollution</i> , 2020, 267, 115655.	3.7	19
893	Per- and Polyfluoroalkyl Substance Exposure, Gestational Weight Gain, and Postpartum Weight Changes in Project Viva. <i>Obesity</i> , 2020, 28, 1984-1992.	1.5	16
894	Breaking It Down: Estimating Short-Chain PFAS Half-Lives in a Human Population. <i>Environmental Health Perspectives</i> , 2020, 128, 114002.	2.8	15
895	A Review of the Applications, Environmental Release, and Remediation Technologies of Per- and Polyfluoroalkyl Substances. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8117.	1.2	77
896	Exposure characteristics for congeners, isomers, and enantiomers of perfluoroalkyl substances in mothers and infants. <i>Environment International</i> , 2020, 144, 106012.	4.8	46
897	Occurrence, statutory guideline values and removal of contaminants of emerging concern by Electrochemical Advanced Oxidation Processes: A review. <i>Science of the Total Environment</i> , 2020, 748, 141527.	3.9	88
898	Nexus between perfluoroalkyl compounds (PFCs) and human thyroid dysfunction: A systematic review evidenced from laboratory investigations and epidemiological studies. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 2485-2530.	6.6	9
899	Exposure to PFAS is Associated with Telomere Length Dynamics and Demographic Responses of an Arctic Top Predator. <i>Environmental Science & Technology</i> , 2020, 54, 10217-10226.	4.6	30
900	Exposure to elevated per- and polyfluoroalkyl substances in early pregnancy is related to increased risk of gestational diabetes mellitus: A nested case-control study in Shanghai, China. <i>Environment International</i> , 2020, 143, 105952.	4.8	42
901	Sorption and desorption behavior of PFOS and PFOA onto a Gram-positive and a Gram-negative bacterial species measured using particle-induced gamma-ray emission (PIGE) spectroscopy. <i>Chemical Geology</i> , 2020, 552, 119778.	1.4	27
902	Per- and polyfluoroalkyl substances in soil and sediments: Occurrence, fate, remediation and future outlook. <i>Science of the Total Environment</i> , 2020, 748, 141251.	3.9	75
903	Highly Oil-Repellent Thermoplastic Boundaries via Surface Delivery of CF ₃ Groups by Molecular Bottlebrush Additives. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38626-38637.	4.0	14
904	The analysis of perfluoroalkyl substances at ppt level in milk and egg using UHPLC-MS/MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 1707-1718.	1.1	17
905	Uptake and accumulation of per- and polyfluoroalkyl substances in plants. <i>Chemosphere</i> , 2020, 261, 127584.	4.2	80
906	Serum levels of per- and polyfluoroalkyl substances alternatives and blood pressure by sex status: Isomers of C8 health project in China. <i>Chemosphere</i> , 2020, 261, 127691.	4.2	38
907	Decomposition of Carboxylic PFAS by Persulfate Activated by Silver under Ambient Conditions. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	0.7	15

#	ARTICLE	IF	CITATIONS
908	Robust Vapor-Deposited Antifouling Fluoropolymer Coatings for Stainless Steel Polymerization Reactor Components. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 15264-15270.	1.8	7
909	Highly Flexible Superhydrophobic Poly(Urethane Acrylate) Film for Applications Requiring High Optical Transparency. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000292.	1.7	5
910	An overview of the uses of per- and polyfluoroalkyl substances (PFAS). <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2345-2373.	1.7	632
911	Transfer of Per- and Polyfluoroalkyl Substances (PFAS) from Feed into the Eggs of Laying Hens. Part 1: Analytical Results Including a Modified Total Oxidizable Precursor Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12527-12538.	2.4	46
912	Enrichment of perfluoroalkyl substances in the sea-surface microlayer and sea-spray aerosols in the Southern Ocean. <i>Environmental Pollution</i> , 2020, 267, 115512.	3.7	44
913	Endocrine-disrupting chemicals and breastfeeding duration: a review. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2020, 27, 388-395.	1.2	25
914	Transfer of Per- and Polyfluoroalkyl Substances (PFAS) from Feed into the Eggs of Laying Hens. Part 2: Toxicokinetic Results Including the Role of Precursors. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12539-12548.	2.4	21
915	PFOA and PFOS diffusion through LLDPE and LLDPE coextruded with EVOH at 22°C, 35°C, and 50°C. <i>Waste Management</i> , 2020, 117, 93-103.	3.7	8
916	Orally Administered 6:2 Chlorinated Polyfluorinated Ether Sulfonate (F-53B) Causes Thyroid Dysfunction in Rats. <i>Toxics</i> , 2020, 8, 54.	1.6	16
917	Chemical Characterization of a Legacy Aqueous Film-Forming Foam Sample and Developmental Toxicity in Zebrafish (<i>Danio rerio</i>). <i>Environmental Health Perspectives</i> , 2020, 128, 97006.	2.8	25
918	Structure-based virtual screening of perfluoroalkyl and polyfluoroalkyl substances (PFASs) as endocrine disruptors of androgen receptor activity using molecular docking and machine learning. <i>Environmental Research</i> , 2020, 190, 109920.	3.7	21
919	β-Cyclodextrin Polymers with Different Cross-Linkers and Ion-Exchange Resins Exhibit Variable Adsorption of Anionic, Zwitterionic, and Nonionic PFASs. <i>Environmental Science & Technology</i> , 2020, 54, 12693-12702.	4.6	54
920	Impact of the Sediment Organic vs. Mineral Content on Distribution of the Per- and Polyfluoroalkyl Substances (PFAS) in Lake Sediment. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5642.	1.2	14
921	Cyclodextrin Polymers with Nitrogen-Containing Tripodal Crosslinkers for Efficient PFAS Adsorption. , 2020, 2, 1240-1245.		69
922	Influence of Water Concentrations of Perfluoroalkyl Acids (PFAAs) on Their Size-Resolved Enrichment in Nascent Sea Spray Aerosols. <i>Environmental Science & Technology</i> , 2021, 55, 9489-9497.	4.6	29
923	Omniphobic Etched Aluminum Surfaces with Anti-Icing Ability. <i>Langmuir</i> , 2020, 36, 10916-10922.	1.6	21
924	Effect of Perfluorooctanoic Acid on the Epigenetic and Tight Junction Genes of the Mouse Intestine. <i>Toxics</i> , 2020, 8, 64.	1.6	25
925	Legacy and Novel Per- and Polyfluoroalkyl Substances in Juvenile Seabirds from the U.S. Atlantic Coast. <i>Environmental Science & Technology</i> , 2020, 54, 12938-12948.	4.6	40

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926	Remediation of PFAS-Contaminated Soil and Granular Activated Carbon by Smoldering Combustion. <i>Environmental Science & Technology</i> , 2020, 54, 12631-12640.	4.6	87
927	Uptake, accumulation and metabolism of PFASs in plants and health perspectives: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 2745-2776.	6.6	50
928	Photo enhanced degradation of polyfluoroalkyl and perfluoroalkyl substances. <i>Heliyon</i> , 2020, 6, e05614.	1.4	30
929	Biotransformation and tissue bioaccumulation of 8:2 fluorotelomer alcohol in broiler by oral exposure. <i>Environmental Pollution</i> , 2020, 267, 115611.	3.7	10
930	Binding of Per- and Polyfluoroalkyl Substances to the Human Pregnane X Receptor. <i>Environmental Science & Technology</i> , 2020, 54, 15986-15995.	4.6	24
931	Separation and Lithological Mapping of PFAS Mixtures in the Vadose Zone at a Contaminated Site. <i>Frontiers in Water</i> , 2020, 2, .	1.0	7
932	Diet as an Exposure Source and Mediator of Per- and Polyfluoroalkyl Substance (PFAS) Toxicity. <i>Frontiers in Toxicology</i> , 2020, 2, 601149.	1.6	29
933	Human biomonitoring of per- and polyfluoroalkyl substances in German blood plasma samples from 1982 to 2019. <i>Environment International</i> , 2020, 145, 106123.	4.8	99
934	Outcome of a public consultation on the draft risk assessment of perfluoroalkyl substances in food. <i>EFSA Supporting Publications</i> , 2020, 17, 1931E.	0.3	5
935	Per- and Polyfluoroalkyl Substances in Dust Collected from Residential Homes and Fire Stations in North America. <i>Environmental Science & Technology</i> , 2020, 54, 14558-14567.	4.6	58
936	Occurrence and Distribution of Per- and Polyfluoroalkyl Substances in Tianjin, China: The Contribution of Emerging and Unknown Analogues. <i>Environmental Science & Technology</i> , 2020, 54, 14254-14264.	4.6	85
937	Per- and Polyfluoroalkyl Substances in the Air Particles of Asia: Levels, Seasonality, and Size-Dependent Distribution. <i>Environmental Science & Technology</i> , 2020, 54, 14182-14191.	4.6	40
938	PFAS Environmental Pollution and Antioxidant Responses: An Overview of the Impact on Human Field. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8020.	1.2	52
939	Research and Regulatory Advancements on Remediation and Degradation of Fluorinated Polymer Compounds. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6921.	1.3	13
940	Trophodynamics of Per- and Polyfluoroalkyl Substances in the Food Web of a Large Atlantic Slope River. <i>Environmental Science & Technology</i> , 2020, 54, 6800-6811.	4.6	47
941	Flows, Stock, and Emissions of Poly- and Perfluoroalkyl Substances in California Carpet in 2000â€“2030 under Different Scenarios. <i>Environmental Science & Technology</i> , 2020, 54, 6908-6918.	4.6	37
942	An (Eco)Toxicity Life Cycle Impact Assessment Framework for Per- And Polyfluoroalkyl Substances. <i>Environmental Science & Technology</i> , 2020, 54, 6224-6234.	4.6	33
943	Effect of number of â€“CF ₃ groups in tails of polyester on surface wettability of coatings: synthesis and characterization of PFPE based polyesters with three -CF ₃ groups in tails. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	3

#	ARTICLE	IF	CITATIONS
944	Distribution and effects of branched versus linear isomers of PFOA, PFOS, and PFHxS: A review of recent literature. <i>Science of the Total Environment</i> , 2020, 733, 139186.	3.9	144
945	Review on perfluoroalkyl and polyfluoroalkyl substances (PFASs) in the Chinese atmospheric environment. <i>Science of the Total Environment</i> , 2020, 737, 139804.	3.9	42
946	Perfluorinated alkyl substances impede growth, reproduction, lipid metabolism and lifespan in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2020, 737, 139682.	3.9	52
947	Perfluoroalkyl and polyfluoroalkyl substances (PFAS) and their effects on the ovary. <i>Human Reproduction Update</i> , 2020, 26, 724-752.	5.2	147
948	Endocrine-Disrupting Chemicals and Insulin Resistance in Children. <i>Biomedicines</i> , 2020, 8, 137.	1.4	21
949	Challenges in the analytical determination of ultra-short-chain perfluoroalkyl acids and implications for environmental and human health. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4785-4796.	1.9	28
950	Association of perfluoroalkyl substances with gestational hypertension and preeclampsia in the MIREC study. <i>Environment International</i> , 2020, 141, 105789.	4.8	46
951	Per- and polyfluoroalkyl substances (PFASs) in blood of captive Siberian tigers in China: Occurrence and associations with biochemical parameters. <i>Environmental Pollution</i> , 2020, 265, 114805.	3.7	20
952	Short-chain and long-chain fluorosurfactants in firefighting foam: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1277-1300.	8.3	31
953	Adverse effects of in vitro GenX exposure on rat thyroid cell viability, DNA integrity and thyroid-related genes expression. <i>Environmental Pollution</i> , 2020, 264, 114778.	3.7	24
954	Persistent organic pollutant exposure and celiac disease: A pilot study. <i>Environmental Research</i> , 2020, 186, 109439.	3.7	11
955	Legacy and emerging per- and polyfluoroalkyl substances (PFASs) in the coastal environment of Korea: Occurrence, spatial distribution, and bioaccumulation potential. <i>Chemosphere</i> , 2020, 251, 126633.	4.2	62
956	Determination of transformation products of per- and polyfluoroalkyl substances at trace levels in agricultural plants. <i>Journal of Chromatography A</i> , 2020, 1625, 461271.	1.8	16
957	Perfluoroalkyl substances (PFASs) in special management sea areas of Korea: Distribution and bioconcentration in edible fish species. <i>Marine Pollution Bulletin</i> , 2020, 156, 111236.	2.3	17
958	PFAS (per- and polyfluoroalkyl substances) and asthma in young children: NHANES 2013-2014. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 229, 113565.	2.1	33
959	Analysis of per- and polyfluorinated alkyl substances in sub-sampled water matrices with online solid phase extraction/isotope dilution tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1626, 461324.	1.8	23
960	A Highly Selective Extraction Approach for Per- and Polyfluoroalkyl Substances Based on Protein Affinity. <i>Analytical Chemistry</i> , 2020, 92, 8675-8679.	3.2	12
961	Destruction of Perfluoroalkyl Acids Accumulated in <i>Typha latifolia</i> through Hydrothermal Liquefaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9257-9262.	3.2	31

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962	Temperature effect on perfluorooctane sulfonate toxicokinetics in rainbow trout (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 105545.	1.9	1
964	Strategies for grouping per- and polyfluoroalkyl substances (PFAS) to protect human and environmental health. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1444-1460.	1.7	126
965	Environmental levels and human body burdens of per- and poly-fluoroalkyl substances in Africa: A critical review. <i>Science of the Total Environment</i> , 2020, 739, 139913.	3.9	33
966	Multicompartment occurrence and partitioning of alternative and legacy per- and polyfluoroalkyl substances in an impacted river in China. <i>Science of the Total Environment</i> , 2020, 729, 138753.	3.9	35
967	Ultrasonic degradation of perfluorooctane sulfonic acid (PFOS) correlated with sonochemical and sonoluminescence characterisation. <i>Ultrasonics Sonochemistry</i> , 2020, 68, 105196.	3.8	38
968	Temporal and spatial analysis of per and polyfluoroalkyl substances in surface waters of Houston ship channel following a large-scale industrial fire incident. <i>Environmental Pollution</i> , 2020, 265, 115009.	3.7	23
969	Bioaccumulation of perfluoroalkyl substances in greenhouse vegetables with long-term groundwater irrigation near fluorochemical plants in Fuxin, China. <i>Environmental Research</i> , 2020, 188, 109751.	3.7	44
970	Poly- and perfluoroalkyl substances in water and wastewater: A comprehensive review from sources to remediation. <i>Journal of Water Process Engineering</i> , 2020, 36, 101393.	2.6	118
971	Ozone-Degradable Fluoropolymers on Textile Surfaces for Water and Oil Repellency. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2867-2879.	2.0	3
972	Temporal trends and determinants of serum concentrations of per- and polyfluoroalkyl substances among Northern California mothers with a young child, 2009-2016. <i>Environmental Research</i> , 2020, 186, 109491.	3.7	28
973	Cytotoxic aquatic pollutants and their removal by nanocomposite-based sorbents. <i>Chemosphere</i> , 2020, 258, 127324.	4.2	59
974	Non-target and suspect screening of per- and polyfluoroalkyl substances in Chinese municipal wastewater treatment plants. <i>Water Research</i> , 2020, 183, 115989.	5.3	92
975	Gender differences in pharmacokinetics of perfluoropentanoic acid using non-linear mixed-effect modeling in rats. <i>Archives of Toxicology</i> , 2020, 94, 1601-1612.	1.9	5
976	Fluorine Mass Balance and Suspect Screening in Marine Mammals from the Northern Hemisphere. <i>Environmental Science & Technology</i> , 2020, 54, 4046-4058.	4.6	73
977	Temporal trends of suspect- and target-per/polyfluoroalkyl substances (PFAS), extractable organic fluorine (EOF) and total fluorine (TF) in pooled serum from first-time mothers in Uppsala, Sweden, 1996-2017. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1071-1083.	1.7	74
978	Endocrine Disruptors in Water and Their Effects on the Reproductive System. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1929.	1.8	160
979	Assessment of the Mode of Action Underlying the Effects of GenX in Mouse Liver and Implications for Assessing Human Health Risks. <i>Toxicologic Pathology</i> , 2020, 48, 494-508.	0.9	40
980	Destruction of Per- and Polyfluoroalkyl Substances (PFAS) with Advanced Reduction Processes (ARPs): A Critical Review. <i>Environmental Science & Technology</i> , 2020, 54, 3752-3766.	4.6	225

#	ARTICLE	IF	CITATIONS
981	Spatial distribution of perfluoroalkyl acids (PFAAs) and their precursors and conversion of precursors in seawater deeply affected by a city in China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 194, 110404.	2.9	12
982	Environmental contamination and human exposure to PFASs near a fluorochemical production plant: Review of historic and current PFOA and GenX contamination in the Netherlands. <i>Environment International</i> , 2020, 137, 105583.	4.8	100
983	Uptake and translocation of perfluoroalkyl acids (PFAAs) in hydroponically grown red chicory (<i>Cichorium intybus</i> L.): Growth and developmental toxicity, comparison with growth in soil and bioavailability implications. <i>Science of the Total Environment</i> , 2020, 720, 137333.	3.9	42
984	Perfluoroalkyl substances (PFAS) in tern eggs from St. Brandon's Atoll, Indian Ocean. <i>Marine Pollution Bulletin</i> , 2020, 154, 111061.	2.3	18
985	Exposure sources of perfluoroalkyl acids and influence of age and gender on concentrations of chlorinated polyfluorinated ether sulfonates in human serum from China. <i>Environment International</i> , 2020, 138, 105651.	4.8	37
986	Concentrations and Seasonal Variations of Perfluorinated Compounds in Sludge from Three Wastewater Treatment Plants in China. <i>Analytical Letters</i> , 2020, 53, 2400-2412.	1.0	9
987	Spatiotemporal Analysis of Perfluoroalkyl Substances in White-Tailed Eagle (<i>Haliaeetus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 Td Technology, 2020, 54, 5011-5020.	4.6	17
988	Optimization and validation of a method based on QuEChERS extraction and liquid chromatographic-tandem mass spectrometric analysis for the determination of perfluoroalkyl acids in strawberry and olive fruits, as model crops with different matrix characteristics. <i>Journal of Chromatography A</i> , 2020, 1621, 461038.	1.8	30
989	A sensitive method for simultaneous determination of 12 classes of per- and polyfluoroalkyl substances (PFASs) in groundwater by ultrahigh performance liquid chromatography coupled with quadrupole orbitrap high resolution mass spectrometry. <i>Chemosphere</i> , 2020, 251, 126327.	4.2	24
990	A framework to model exposure to per- and polyfluoroalkyl substances in indoor environments. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 500-511.	1.7	12
991	Degradation of perfluorooctanoic acid by zero-valent iron nanoparticles under ultraviolet light. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	19
992	Perfluoroalkyl acids, hyperuricemia and gout in adults: Analyses of NHANES 2009-2014. <i>Chemosphere</i> , 2020, 259, 127446.	4.2	29
993	Scientific Basis for Managing PFAS as a Chemical Class. <i>Environmental Science and Technology Letters</i> , 2020, 7, 532-543.	3.9	278
994	Are Feathers of a Songbird Model Species (The Great Tit, <i>Parus major</i>) Suitable for Monitoring Perfluoroalkyl Acids (PFAAs) in Blood Plasma?. <i>Environmental Science & Technology</i> , 2020, 54, 9334-9344.	4.6	16
995	A Probabilistic Approach to Evaluate the Risk of Decreased Total Triiodothyronine Hormone Levels following Chronic Exposure to PFOS and PFHxS via Contaminated Drinking Water. <i>Environmental Health Perspectives</i> , 2020, 128, 76001.	2.8	11
996	Contaminants of Emerging Concern in the Seine River Basin: Overview of Recent Research. <i>Handbook of Environmental Chemistry</i> , 2020, , 355-380.	0.2	3
997	PFAS concentrations in soils: Background levels versus contaminated sites. <i>Science of the Total Environment</i> , 2020, 740, 140017.	3.9	326
998	Thermal desorption as a high removal remediation technique for soils contaminated with per- and polyfluoroalkyl substances (PFASs). <i>PLoS ONE</i> , 2020, 15, e0234476.	1.1	43

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999	Robust Matrix Effect-Free Method for Simultaneous Determination of Legacy and Emerging Per- and Polyfluoroalkyl Substances in Crop and Soil Matrices. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8026-8039.	2.4	11
1000	Assessing the Effectiveness of Point-of-Use Residential Drinking Water Filters for Perfluoroalkyl Substances (PFASs). <i>Environmental Science and Technology Letters</i> , 2020, 7, 178-184.	3.9	63
1001	Fecal Excretion of Perfluoroalkyl and Polyfluoroalkyl Substances in Pets from New York State, United States. <i>Environmental Science and Technology Letters</i> , 2020, 7, 135-142.	3.9	27
1002	Per- and polyfluoroalkyl substances in water and soil in wastewater-irrigated farmland in Jordan. <i>Science of the Total Environment</i> , 2020, 716, 137057.	3.9	45
1003	Capture of Perfluorooctanoic Acid Using Oil-Filled Graphene Oxide-Silica Hybrid Capsules. <i>Environmental Science & Technology</i> , 2020, 54, 3549-3558.	4.6	17
1004	A Mathematical Model for the Release, Transport, and Retention of Per- and Polyfluoroalkyl Substances (PFAS) in the Vadose Zone. <i>Water Resources Research</i> , 2020, 56, e2019WR026667.	1.7	97
1005	Comparative analysis of the toxicological databases for 6:2 fluorotelomer alcohol (6:2 FTOH) and perfluorohexanoic acid (PFHxA). <i>Food and Chemical Toxicology</i> , 2020, 138, 111210.	1.8	48
1006	Pilot scale removal of per- and polyfluoroalkyl substances and precursors from AFFF-impacted groundwater by granular activated carbon. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 1083-1094.	1.2	42
1007	Albumin is the major carrier protein for PFOS, PFOA, PFHxS, PFNA and PFDA in human plasma. <i>Environment International</i> , 2020, 137, 105324.	4.8	123
1008	Incidence of ocular conditions associated with perfluoroalkyl substances exposure: Isomers of C8 Health Project in China. <i>Environment International</i> , 2020, 137, 105555.	4.8	26
1009	The effect of weathering on per- and polyfluoroalkyl substances (PFASs) from durable water repellent (DWR) clothing. <i>Chemosphere</i> , 2020, 249, 126100.	4.2	49
1010	Elevated levels of per- and polyfluoroalkyl substances in Cape Fear River Striped Bass (Morone t. j. ETQq1 1 0.784314 rgBT /Overlock 10 International, 2020, 136, 105358.	4.8	84
1011	Transformation of 6:2 Fluorotelomer Sulfonate by Cobalt(II)-Activated Peroxymonosulfate. <i>Environmental Science & Technology</i> , 2020, 54, 4631-4640.	4.6	49
1012	Combined effects and toxicological interactions of perfluoroalkyl and polyfluoroalkyl substances mixtures in human liver cells (HepG2). <i>Environmental Pollution</i> , 2020, 263, 114182.	3.7	78
1013	Epigenetic toxicity of PFOA and GenX in HepG2 cells and their role in lipid metabolism. <i>Toxicology in Vitro</i> , 2020, 65, 104797.	1.1	64
1014	Analysis of mobile chemicals in the aquatic environment—current capabilities, limitations and future perspectives. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4763-4784.	1.9	35
1015	Tissue distribution and bioaccumulation of 8:2 fluorotelomer alcohol and its metabolites in pigs after oral exposure. <i>Chemosphere</i> , 2020, 249, 126016.	4.2	11
1016	The phase out of and restrictions on per- and polyfluoroalkyl substances: Time for a rethink. <i>Chemosphere</i> , 2020, 251, 126313.	4.2	8

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1017	Challenges of aqueous per- and polyfluoroalkyl substances (PFASs) and their foreseeable removal strategies. <i>Chemosphere</i> , 2020, 250, 126316.	4.2	60
1018	Chronic Reproductive Toxicity of Perfluorooctane Sulfonic Acid and a Simple Mixture of Perfluorooctane Sulfonic Acid and Perfluorohexane Sulfonic Acid to Northern Bobwhite Quail (<i>Colinus virginianus</i>). <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1101-1111.	2.2	30
1019	Poly- and perfluoroalkyl substances in maternal serum: Method development and application in Pilot Study of the Japan Environment and Children's Study. <i>Journal of Chromatography A</i> , 2020, 1618, 460933.	1.8	17
1020	Adsorption behavior of per- and polyfluoroalkyl substances (PFASs) to 44 inorganic and organic sorbents and use of dyes as proxies for PFAS sorption. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103744.	3.3	76
1021	Side-chain fluorinated polymer surfactants in biosolids from wastewater treatment plants. <i>Journal of Hazardous Materials</i> , 2020, 388, 122044.	6.5	51
1022	Alternatives of perfluoroalkyl acids and hepatitis B virus surface antibody in adults: Isomers of C8 Health Project in China. <i>Environmental Pollution</i> , 2020, 259, 113857.	3.7	15
1023	Accumulation and effects of perfluoroalkyl substances in three hydroponically grown <i>Salix L.</i> species. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110150.	2.9	19
1024	Reprint of "Metabolome Wide Association Study of Serum Poly and Perfluoroalkyl Substances (PFASs) in Pregnancy and Early Postpartum". <i>Reproductive Toxicology</i> , 2020, 92, 120-128.	1.3	7
1025	Poly- and perfluoroalkyl substance concentrations in human breast milk and their associations with postnatal infant growth. <i>Science of the Total Environment</i> , 2020, 713, 136417.	3.9	52
1026	Effects of perfluorooctanoic acid (PFOA) on the thyroid status, vitellogenin, and oxidant-antioxidant balance in the Murray River rainbowfish. <i>Ecotoxicology</i> , 2020, 29, 163-174.	1.1	10
1027	LC-MS screening of poly- and perfluoroalkyl substances in contaminated soil by Kendrick mass analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4797-4805.	1.9	57
1028	Degradation of a series of fluorinated acrylates and methacrylates initiated by OH radicals at different temperatures. <i>RSC Advances</i> , 2020, 10, 4264-4273.	1.7	0
1029	Degradation of Perfluoroalkyl Ether Carboxylic Acids with Hydrated Electrons: Structure-Reactivity Relationships and Environmental Implications. <i>Environmental Science & Technology</i> , 2020, 54, 2489-2499.	4.6	86
1030	Superhydrophobic Glass Microfiber Filter as Background-Free Substrate for Quantitative Fluorometric Assays. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7665-7672.	4.0	17
1031	Aerobic biotransformation of fluorotelomer compounds in landfill leachate-sediment. <i>Science of the Total Environment</i> , 2020, 713, 136547.	3.9	56
1032	Rapid Characterization of Per- and Polyfluoroalkyl Substances (PFAS) by Ion Mobility Spectrometry-Mass Spectrometry (IMS-MS). <i>Analytical Chemistry</i> , 2020, 92, 4427-4435.	3.2	71
1033	On the Ability of Perfluorohexane Sulfonate (PFHxS) Bioaccumulation by Two <i>Pseudomonas</i> sp. Strains Isolated from PFAS-Contaminated Environmental Matrices. <i>Microorganisms</i> , 2020, 8, 92.	1.6	49
1034	Degradation mechanism of perfluorooctanoic acid (PFOA) during electrocoagulation using Fe electrode. <i>Separation and Purification Technology</i> , 2020, 247, 116911.	3.9	47

#	ARTICLE	IF	CITATIONS
1035	Wastewater Treatment Lagoons: Local Pathways of Perfluoroalkyl Acids and Brominated Flame Retardants to the Arctic Environment. <i>Environmental Science & Technology</i> , 2020, 54, 6053-6062.	4.6	9
1036	Investigating the OECD database of per- and polyfluoroalkyl substances â€œ chemical variation and applicability of current fate models. <i>Environmental Chemistry</i> , 2020, 17, 498.	0.7	14
1037	Occurrence and risk of chlorinated polyfluoroalkyl ether sulfonic acids (Cl-PFESAs) in seafood from markets in Beijing, China. <i>Science of the Total Environment</i> , 2020, 726, 138538.	3.9	20
1038	Emerging and legacy per- and polyfluoroalkyl substances in water, sediment, and air of the Bohai Sea and its surrounding rivers. <i>Environmental Pollution</i> , 2020, 263, 114391.	3.7	66
1039	Smartphone-based / Fluoro-SPE for selective detection of PFAS at ppb level. <i>Environmental Technology and Innovation</i> , 2020, 18, 100778.	3.0	16
1040	Environment occurrence of perfluoroalkyl acids and associated human health risks near a major fluorochemical manufacturing park in southwest of China. <i>Journal of Hazardous Materials</i> , 2020, 396, 122617.	6.5	28
1041	Polyfluoroalkyl substances in Danjiangkou Reservoir, China: Occurrence, composition, and source appointment. <i>Science of the Total Environment</i> , 2020, 725, 138352.	3.9	32
1042	Removal of eight perfluoroalkyl acids from aqueous solutions by aeration and duckweed. <i>Science of the Total Environment</i> , 2020, 724, 138357.	3.9	32
1043	Uptake and Translocation of Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) by Wetland Plants: Tissue- and Cell-Level Distribution Visualization with Desorption Electrospray Ionization Mass Spectrometry (DESI-MS) and Transmission Electron Microscopy Equipped with Energy-Dispersive Spectroscopy (TEM-EDS). <i>Environmental Science & Technology</i> , 2020, 54, 6009-6020.	4.6	69
1044	Ice Core Record of Persistent Short-Chain Fluorinated Alkyl Acids: Evidence of the Impact From Global Environmental Regulations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087535.	1.5	43
1045	Per- and polyfluoroalkyl substances in paired dust and carpets from childcare centers. <i>Chemosphere</i> , 2020, 251, 126771.	4.2	49
1046	Adsorption of Perfluorooctane sulfonate (PFOS) onto metal oxides modified biochar. <i>Environmental Technology and Innovation</i> , 2020, 19, 100816.	3.0	51
1047	Perfluoroalkyl substances in sediments from the Bering Sea to the western Arctic: Source and pathway analysis. <i>Environment International</i> , 2020, 139, 105699.	4.8	47
1048	Novel and legacy poly- and perfluoroalkyl substances (PFASs) in indoor dust from urban, industrial, and e-waste dismantling areas: The emergence of PFAS alternatives in China. <i>Environmental Pollution</i> , 2020, 263, 114461.	3.7	63
1049	Membrane/Water Partitioning and Permeabilities of Perfluoroalkyl Acids and Four of their Alternatives and the Effects on Toxicokinetic Behavior. <i>Environmental Science & Technology</i> , 2020, 54, 5051-5061.	4.6	36
1050	Estimating Environmental Hazard and Risks from Exposure to Per- and Polyfluoroalkyl Substances (PFASs): Outcome of a SETAC Focused Topic Meeting. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 543-549.	2.2	23
1051	Temporal Trends of Per- and Polyfluoroalkyl Substances in Delaware River Fish, USA. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 411-421.	1.6	10
1052	First report on the sources, vertical distribution and human health risks of legacy and novel per- and polyfluoroalkyl substances in groundwater from the Loess Plateau, China. <i>Journal of Hazardous Materials</i> , 2021, 404, 124134.	6.5	34

#	ARTICLE	IF	CITATIONS
1053	Biotransformation of perfluoroalkyl acid precursors from various environmental systems: advances and perspectives. <i>Environmental Pollution</i> , 2021, 272, 115908.	3.7	107
1054	Resolving unknown isomers of emerging per- and polyfluoroalkyl substances (PFASs) in environmental samples using COSMO-RS-derived retention factor and mass fragmentation patterns. <i>Journal of Hazardous Materials</i> , 2021, 402, 123478.	6.5	10
1055	Risk Assessment of Per- and Polyfluoroalkyl Substance Mixtures: A Relative Potency Factor Approach. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 859-870.	2.2	59
1056	The Subacute Toxicity of Perfluorooctane Sulfonate and/or Perfluorooctanoic Acid and Legacy Aqueous Film-Forming Foams to Japanese Quail (<i>Coturnix japonica</i>) Chicks. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 695-710.	2.2	24
1057	Per- and Polyfluoroalkyl Substances in Ducks and the Relationship with Concentrations in Water, Sediment, and Soil. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 846-858.	2.2	17
1058	Per- and Polyfluoroalkyl Substance Toxicity and Human Health Review: Current State of Knowledge and Strategies for Informing Future Research. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 606-630.	2.2	697
1059	A Critical Review of a Recommended Analytical and Classification Approach for Organic Fluorinated Compounds with an Emphasis on Per- and Polyfluoroalkyl Substances. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 331-351.	1.6	26
1060	Lethal and sublethal toxicity of perfluorooctanoic acid (PFOA) in chronic tests with <i>Hyaella azteca</i> (amphipod) and early-life stage tests with <i>Pimephales promelas</i> (fathead minnow). <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111250.	2.9	11
1061	Extending the knowledge about PFAS bioaccumulation factors for agricultural plants – A review. <i>Science of the Total Environment</i> , 2021, 766, 142640.	3.9	95
1062	Bioaccumulation of Per- and polyfluoroalkyl substances (PFASs) in a tropical estuarine food web. <i>Science of the Total Environment</i> , 2021, 754, 142146.	3.9	88
1063	Identifying and Managing Aqueous Film-Forming Foam-Derived Per- and Polyfluoroalkyl Substances in the Environment. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 24-36.	2.2	46
1064	A group-contribution model for predicting the physicochemical behavior of PFAS components for understanding environmental fate. <i>Science of the Total Environment</i> , 2021, 764, 142882.	3.9	26
1065	Evaluation of Cytogenotoxicity of Perfluorooctane Sulfonate (PFOS) to <i>Allium cepa</i> . <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 792-798.	2.2	14
1066	Concentrations of organic contaminants in industrial and municipal bioresources recycled in agriculture in the UK. <i>Science of the Total Environment</i> , 2021, 765, 142787.	3.9	24
1067	Polyfluoroalkyl chemicals and the risk of kidney stones in US adults: A population-based study. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111497.	2.9	19
1068	Preliminary study on the distribution of metals and persistent organic pollutants (POPs), including perfluoroalkylated acids (PFAS), in the aquatic environment near Morogoro, Tanzania, and the potential health risks for humans. <i>Environmental Research</i> , 2021, 192, 110299.	3.7	24
1069	Associations between serum isomers of perfluoroalkyl acids and metabolic syndrome in adults: Isomers of C8 Health Project in China. <i>Environmental Research</i> , 2021, 196, 110430.	3.7	7
1070	Association between exposure to polyfluoroalkyl chemicals and increased fractional exhaled nitric oxide in adults. <i>Environmental Research</i> , 2021, 198, 110450.	3.7	9

#	ARTICLE	IF	CITATIONS
1071	Recent progress in the detection of emerging contaminants PFASs. <i>Journal of Hazardous Materials</i> , 2021, 408, 124437.	6.5	72
1072	Correlations between Per- and Polyfluoroalkyl Substances and Body Morphometrics in Fledgling Shearwaters Impacted by Plastic Consumption from a Remote Pacific Island. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 799-810.	2.2	12
1073	Side-chain fluorotelomer-based polymers in children car seats. <i>Environmental Pollution</i> , 2021, 268, 115477.	3.7	16
1074	Trial of a novel experimental design to test depuration of PFASs from the edible tissues of Giant Mud Crab following exposure under natural conditions in the wild. <i>Science of the Total Environment</i> , 2021, 758, 143650.	3.9	3
1075	Sensitivity and Accumulation of Perfluorooctanesulfonate and Perfluorohexanesulfonic Acid in Fathead Minnows (<i>Pimephales promelas</i>) Exposed over Critical Life Stages of Reproduction and Development. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 811-819.	2.2	14
1076	Correlation Analysis of Perfluoroalkyl Substances in Regional U.S. Precipitation Events. <i>Water Research</i> , 2021, 190, 116685.	5.3	46
1077	Non-targeted identification of per- and polyfluoroalkyl substances at trace level in surface water using fragment ion flagging. <i>Chemosphere</i> , 2021, 265, 128599.	4.2	26
1078	PFAS Exposure Pathways for Humans and Wildlife: A Synthesis of Current Knowledge and Key Gaps in Understanding. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 631-657.	2.2	311
1079	Per- and polyfluoroalkyl substances thermal destruction at water resource recovery facilities: A state of the science review. <i>Water Environment Research</i> , 2021, 93, 826-843.	1.3	76
1080	Occurrence and seasonal distribution of legacy and emerging per- and polyfluoroalkyl substances (PFASs) in different environmental compartments from areas around ski resorts in northern China. <i>Journal of Hazardous Materials</i> , 2021, 407, 124400.	6.5	21
1081	An exploratory analysis of poly- and per-fluoroalkyl substances in pet food packaging from the United States. <i>Environmental Technology and Innovation</i> , 2021, 21, 101247.	3.0	15
1082	Aquatic plants and ecotoxicological assessment in freshwater ecosystems: a review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4975-4988.	2.7	46
1083	Prenatal exposure to perfluoroalkyl and polyfluoroalkyl substances and birth outcomes: A longitudinal cohort with repeated measurements. <i>Chemosphere</i> , 2021, 267, 128899.	4.2	37
1084	Paper product production identified as the main source of per- and polyfluoroalkyl substances (PFAS) in a Norwegian lake: Source and historic emission tracking. <i>Environmental Pollution</i> , 2021, 273, 116259.	3.7	47
1085	Contrasting long term temporal trends in perfluoroalkyl substances (PFAS) in eggs of the northern gannet (<i>Morus bassanus</i>) from two UK colonies. <i>Science of the Total Environment</i> , 2021, 754, 141900.	3.9	22
1086	Comparison of extraction methods for per- and polyfluoroalkyl substances (PFAS) in human serum and placenta samples—insights into extractable organic fluorine (EOF). <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 865-876.	1.9	29
1087	The new generation PFAS C6O4 does not produce adverse effects on thyroid cells in vitro. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 1625-1635.	1.8	17
1088	Perfluorooctanoic acid (PFOA) exposure induces splenic atrophy via overactivation of macrophages in male mice. <i>Journal of Hazardous Materials</i> , 2021, 407, 124862.	6.5	13

#	ARTICLE	IF	CITATIONS
1089	Assessing the human health risks of per- and polyfluoroalkyl substances: A need for greater focus on their interactions as mixtures. <i>Journal of Hazardous Materials</i> , 2021, 407, 124863.	6.5	87
1090	Air-drying of soil samples – A crucial step in the determination of leachable concentrations of per- and polyfluoroalkyl substances. <i>Chemosphere</i> , 2021, 269, 128745.	4.2	2
1091	Prenatal exposure and transplacental transfer of perfluoroalkyl substance isomers in participants from the upper and lower reaches of the Yangtze River. <i>Environmental Pollution</i> , 2021, 270, 116202.	3.7	12
1092	Biomarkers, matrices and analytical methods targeting human exposure to chemicals selected for a European human biomonitoring initiative. <i>Environment International</i> , 2021, 146, 106082.	4.8	83
1093	Determination of organically bound fluorine sum parameters in river water samples – comparison of combustion ion chromatography (CIC) and high resolution-continuum source-graphite furnace molecular absorption spectrometry (HR-CS-GFMAS). <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 103-115.	1.9	25
1094	Spatial and temporal analyses of perfluorooctanoic acid in drinking water for external exposure assessment in the Ruhr metropolitan area, Germany. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 1127-1143.	1.9	1
1095	Perfluoroalkyl acid (PFAA) profile and concentrations in two co-occurring tit species: distinct differences indicate non-generalizable results across passerines. <i>Science of the Total Environment</i> , 2021, 761, 143301.	3.9	7
1096	Direct regeneration of ion exchange resins with sulfate radical-based advanced oxidation for enabling a cyclic adsorption – regeneration treatment approach to aqueous perfluorooctanoic acid (PFOA). <i>Chemical Engineering Journal</i> , 2021, 405, 126698.	6.6	33
1097	Legacy and emerging per- and polyfluoroalkyl substances (PFASs) in multi-media around a landfill in China: Implications for the usage of PFASs alternatives. <i>Science of the Total Environment</i> , 2021, 751, 141767.	3.9	44
1098	From Waste Collection Vehicles to Landfills: Indication of Per- and Polyfluoroalkyl Substance (PFAS) Transformation. <i>Environmental Science and Technology Letters</i> , 2021, 8, 66-72.	3.9	39
1099	Within- and Among-Clutch Variation of Yolk Perfluoroalkyl Acids in a Seabird from the Northern Adriatic Sea. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 744-753.	2.2	11
1100	Remediation of poly- and perfluoroalkyl substances (PFAS) contaminated soils – To mobilize or to immobilize or to degrade?. <i>Journal of Hazardous Materials</i> , 2021, 401, 123892.	6.5	169
1101	Combined leaching and plant uptake simulations of PFOA and PFOS under field conditions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2097-2107.	2.7	8
1102	Application of a Framework for Grouping and Mixtures Toxicity Assessment of PFAS: A Closer Examination of Dose-Additivity Approaches. <i>Toxicological Sciences</i> , 2021, 179, 262-278.	1.4	50
1103	Isomers of emerging per- and polyfluoroalkyl substances in water and sediment from the Cape Fear River, North Carolina, USA. <i>Chemosphere</i> , 2021, 262, 128359.	4.2	13
1104	Simultaneous determination of 9 environmental pollutants including bisphenol A in vegetable oil by solid phase extraction-liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2021, 13, 3527-3534.	1.3	10
1105	Challenges and Current Status of the Biological Treatment of PFAS-Contaminated Soils. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 602040.	2.0	74
1106	An –Omics Approach to Unraveling the Paradoxical Effect of Diet on Perfluorooctanesulfonic Acid (PFOS) and Perfluorononanoic Acid (PFNA)-Induced Hepatic Steatosis. <i>Toxicological Sciences</i> , 2021, 180, 277-294.	1.4	23

#	ARTICLE	IF	CITATIONS
1107	The concentration of several perfluoroalkyl acids in serum appears to be reduced by dietary fiber. <i>Environment International</i> , 2021, 146, 106292.	4.8	28
1108	The Price of Really Clean Water: Combining Nanofiltration with Granular Activated Carbon and Anion Exchange Resins for the Removal of Per- And Polyfluoroalkyl Substances (PFASs) in Drinking Water Production. <i>ACS ES&T Water</i> , 2021, 1, 782-795.	2.3	51
1109	Impact of gestational exposure to endocrine disrupting chemicals on pregnancy and birth outcomes. <i>Advances in Pharmacology</i> , 2021, 92, 279-346.	1.2	3
1110	PFOS dominates PFAS composition in ambient fine particulate matter (PM _{2.5}) collected across North Carolina nearly 20 years after the end of its US production. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 580-587.	1.7	23
1111	Praegnatio Perturbatioâ€”Impact of Endocrine-Disrupting Chemicals. <i>Endocrine Reviews</i> , 2021, 42, 295-353.	8.9	43
1112	Evaluation, optimization, and application of three independent suspect screening workflows for the characterization of PFASs in water. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1554-1565.	1.7	13
1113	Absorption, distribution, and toxicity of per- and polyfluoroalkyl substances (PFAS) in the brain: a review. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1623-1640.	1.7	64
1115	Leveraging the thermoresponsiveness of fluorinated poly(N-isopropylacrylamide) copolymers as a sensing tool for perfluorooctane sulfonate. <i>Analyst, The</i> , 2021, 146, 3599-3607.	1.7	1
1116	Legacy and Emerging Per- and Polyfluoroalkyl Substances: Analytical Techniques, Environmental Fate, and Health Effects. <i>International Journal of Molecular Sciences</i> , 2021, 22, 995.	1.8	113
1117	Reverse osmosis and nanofiltration membranes for highly efficient PFASs removal: overview, challenges and future perspectives. <i>Dalton Transactions</i> , 2021, 50, 5398-5410.	1.6	57
1118	The Role of Perfluorinated Compound Pollution in the Development of Acute and Chronic Kidney Disease. <i>Contributions To Nephrology</i> , 2021, 199, 1-12.	1.1	4
1119	Effect of polyfluoroalkyl chemicals on the occurrence of urge urinary incontinence: a population-based study. <i>Therapeutic Advances in Urology</i> , 2021, 13, 175628722110297.	0.9	1
1120	Determination of perfluoroalkyl acids in different tissues of graminaceous plants. <i>Analytical Methods</i> , 2021, 13, 1643-1650.	1.3	4
1121	Biochar from Biomass: A Strategy for Carbon Dioxide Sequestration, Soil Amendment, Power Generation, CO2 Utilization, and Removal of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) in the Environment. , 2021, , 1-64.		0
1122	Occurrence, Distribution, and Fate of Emerging Persistent Organic Pollutants in the Environment. , 2021, , 1-69.		2
1123	Sorption of PFOS in 114 Well-Characterized Tropical and Temperate Soils: Application of Multivariate and Artificial Neural Network Analyses. <i>Environmental Science & Technology</i> , 2021, 55, 1779-1789.	4.6	36
1124	Target, Nontarget, and Suspect Screening and Temporal Trends of Per- and Polyfluoroalkyl Substances in Marine Mammals from the South China Sea. <i>Environmental Science & Technology</i> , 2021, 55, 1045-1056.	4.6	66
1125	Emerging and Less Commonly Recognized Chemical Contaminants: Organic Micropollutants. , 2022, , 247-259.		5

#	ARTICLE	IF	CITATIONS
1126	Comment on "Scientific Basis for Managing PFAS as a Chemical Class". <i>Environmental Science and Technology Letters</i> , 2021, 8, 192-194.	3.9	5
1127	Understanding PFAAs exposure in a generalist seabird species breeding in the vicinity of a fluorochemical plant: Influence of maternal transfer and diet. <i>Environmental Pollution</i> , 2021, 271, 116355.	3.7	17
1128	Per- and Polyfluoroalkyl Substances in Human Serum Samples of Selected Populations from Ghana. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1581.	1.2	5
1129	Cross-Linking Strategies for Fluorine-Containing Polymer Coatings for Durable Resistant Water- and Oil-Repellency. <i>Polymers</i> , 2021, 13, 723.	2.0	7
1130	Gestational and childhood exposure to per- and polyfluoroalkyl substances and cardiometabolic risk at age 12 years. <i>Environment International</i> , 2021, 147, 106344.	4.8	29
1131	Hydrothermal Alkaline Treatment for Destruction of Per- and Polyfluoroalkyl Substances in Aqueous Film-Forming Foam. <i>Environmental Science & Technology</i> , 2021, 55, 3283-3295.	4.6	77
1132	Serum perfluoroalkyl substances in residents following long-term drinking water contamination from firefighting foam in Ronneby, Sweden. <i>Environment International</i> , 2021, 147, 106333.	4.8	42
1133	Perfluoroalkyl Acid Binding with Peroxisome Proliferator-Activated Receptors $\hat{1}\alpha$, $\hat{1}\beta$, and $\hat{1}\gamma$, and Fatty Acid Binding Proteins by Equilibrium Dialysis with a Comparison of Methods. <i>Toxics</i> , 2021, 9, 45.	1.6	34
1134	Exposure to perfluoroalkyl substances in early pregnancy and risk of sporadic first trimester miscarriage. <i>Scientific Reports</i> , 2021, 11, 3568.	1.6	15
1135	Sorption behavior of 6:2 chlorinated polyfluorinated ether sulfonate (F-53B) on four kinds of nano-materials. <i>Science of the Total Environment</i> , 2021, 757, 144064.	3.9	9
1136	Regulating PFAS as a Chemical Class under the California Safer Consumer Products Program. <i>Environmental Health Perspectives</i> , 2021, 129, 25001.	2.8	37
1137	Removal of Per- and Polyfluoroalkyl Substances (PFASs) in Aqueous Film-Forming Foam (AFFF) Using Ion-Exchange and Nonionic Resins. <i>Environmental Science & Technology</i> , 2021, 55, 5001-5011.	4.6	54
1138	Synthesis, structure, and surface properties of Poly(meth)acrylates bearing a vinylene-bridged fluoroalkyl side chain. <i>Polymer</i> , 2021, 217, 123478.	1.8	6
1139	Perfluorochemicals in Korean Wastewater Treatment Plants: Implications on Sources and Monitoring. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 1931-1938.	0.9	4
1140	Per- and polyfluoroalkyl substances and their alternatives in paper food packaging. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 2596-2625.	5.9	55
1141	Isolating the AFFF Signature in Coastal Watersheds Using Oxidizable PFAS Precursors and Unexplained Organofluorine. <i>Environmental Science & Technology</i> , 2021, 55, 3686-3695.	4.6	56
1142	In-Vitro and In-Silico Assessment of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous Film-Forming Foam (AFFF) Binding to Human Serum Albumin. <i>Toxics</i> , 2021, 9, 63.	1.6	25
1143	Atmospheric particulate represents a source of C8-C12 perfluoroalkyl carboxylates and 10:2 fluorotelomer alcohol in tree bark. <i>Environmental Pollution</i> , 2021, 273, 116475.	3.7	10

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1144	Unveiling the binding mode of perfluorooctanoic acid to human serum albumin. <i>Protein Science</i> , 2021, 30, 830-841.	3.1	25
1145	Per- and Polyfluoroalkyl Substances in Outdoor and Indoor Dust from Mainland China: Contributions of Unknown Precursors and Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2022, 56, 6036-6045.	4.6	24
1146	Beyond bulk $\delta^{15}\text{N}$: Combining a suite of stable isotopic measures improves the resolution of the food webs mediating contaminant signals across space, time and communities. <i>Environment International</i> , 2021, 148, 106370.	4.8	28
1147	Nontargeted Discovery of Novel Contaminants in the Great Lakes Region: A Comparison of Fish Fillets and Fish Consumers. <i>Environmental Science & Technology</i> , 2021, 55, 3765-3774.	4.6	26
1148	Utilization of a NIST SRM: a case study for per- and polyfluoroalkyl substances in NIST SRM 1957 organic contaminants in non-fortified human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2295-2301.	1.9	8
1149	Development and Applications of Novel DGT Passive Samplers for Measuring 12 Per- and Polyfluoroalkyl Substances in Natural Waters and Wastewaters. <i>Environmental Science & Technology</i> , 2021, 55, 9548-9556.	4.6	30
1150	Per- and polyfluoroalkyl substances (PFASs) in Swedish household dust and exposure of pet cats. <i>Environmental Science and Pollution Research</i> , 2021, 28, 39001-39013.	2.7	20
1151	Sorption of Hexafluoropropylene Oxide Dimer Acid to Sediments: Biogeochemical Implications and Analytical Considerations. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 580-587.	1.2	13
1152	Copper Nanoparticle Loading and F Doping of Graphene Aerogel Enhance Its Adsorption of Aqueous Perfluorooctanoic Acid. <i>ACS Omega</i> , 2021, 6, 7073-7085.	1.6	9
1153	PFAS accumulation in indigenous and translocated aquatic organisms from Belgium, with translation to human and ecological health risk. <i>Environmental Sciences Europe</i> , 2021, 33, .	2.6	40
1154	Prevalence and Predictors of Per- and Polyfluoroalkyl Substances (PFAS) Serum Levels among Members of a Suburban US Volunteer Fire Department. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3730.	1.2	19
1155	Atmospheric Fate of a New Polyfluoroalkyl Building Block, $\text{C}_3\text{F}_7\text{OCH}_2\text{CF}_2\text{SCH}_2\text{CH}_2\text{OH}$. <i>Environmental Science & Technology</i> , 2022, 56, 6027-6035.	4.6	11
1156	Strategic resources for assessing PFAS ecological risks at AFFF sites. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 746-752.	1.6	10
1157	Durability of sorption of per- and polyfluorinated alkyl substances in soils immobilised using common adsorbents: 1. Effects of perturbations in pH. <i>Science of the Total Environment</i> , 2021, 766, 144857.	3.9	8
1158	Perfluoropolyether-based oleophobic additives: Influence of molecular weight distribution on wettability of polyethylene terephthalate films. <i>Journal of Fluorine Chemistry</i> , 2021, 244, 109747.	0.9	4
1159	Determination of Per- and Polyfluoroalkyl Substances in Craft Villages and Industrial Environments of Vietnam. <i>Journal of Analytical Methods in Chemistry</i> , 2021, 2021, 1-9.	0.7	7
1160	Resources and Risks: Perceptions on the Application of Sewage Sludge on Agricultural Land in Sweden, a Case Study. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	23
1161	Advancing per- and polyfluoroalkyl substances (PFAS) research: an overview of ATSDR and NCEH activities and recommendations. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 961-971.	1.8	25

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1162	Perfluoroalkyl Chemicals and Male Reproductive Health: Do PFOA and PFOS Increase Risk for Male Infertility?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3794.	1.2	63
1163	Human Biomonitoring (HBM)-I values for perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) - Description, derivation and discussion. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 121, 104862.	1.3	18
1164	High levels of fluoroalkyl substances and potential disruption of thyroid hormones in three gull species from South Western France. <i>Science of the Total Environment</i> , 2021, 765, 144611.	3.9	26
1165	Household low pile carpet usage was associated with increased serum PFAS concentrations in 2005â€“2006. <i>Environmental Research</i> , 2021, 195, 110758.	3.7	9
1166	Perfluoroalkyl substances and sex hormones in postmenopausal women: NHANES 2013â€“2016. <i>Environment International</i> , 2021, 149, 106408.	4.8	38
1167	Atmospheric Deposition and Annual Flux of Legacy Perfluoroalkyl Substances and Replacement Perfluoroalkyl Ether Carboxylic Acids in Wilmington, NC, USA. <i>Environmental Science and Technology Letters</i> , 2021, 8, 366-372.	3.9	26
1168	Towards a Long-Chain Perfluoroalkyl Replacement: Water and Oil Repellent Perfluoropolyether-Based Polyurethane Oligomers. <i>Polymers</i> , 2021, 13, 1128.	2.0	1
1169	Energy Evaluation of Electron Beam Treatment of Perfluoroalkyl Substances in Water: A Critical Review. <i>ACS ES&T Engineering</i> , 2021, 1, 827-841.	3.7	21
1170	Associations of exposure to perfluoroalkyl substances individually and in mixtures with persistent infections: Recent findings from NHANES 1999â€“2016. <i>Environmental Pollution</i> , 2021, 275, 116619.	3.7	31
1171	Experimental and computational approaches of sustainable quaternary bisammonium fluorosurfactants for corrosion inhibition as protective films at mild steel/H ₂ SO ₄ interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126141.	2.3	32
1172	Behavior Effects of Structurally Diverse Per- and Polyfluoroalkyl Substances in Zebrafish. <i>Chemical Research in Toxicology</i> , 2021, 34, 1409-1416.	1.7	33
1173	Comprehensive Validation of the Adsorbable Organic Fluorine Analysis and Performance Comparison of Current Methods for Total Per- and Polyfluoroalkyl Substances in Water Samples. <i>ACS ES&T Water</i> , 2021, 1, 1474-1482.	2.3	20
1174	Evaluation of Published Bioconcentration Factor (BCF) and Bioaccumulation Factor (BAF) Data for Perâ€“and Polyfluoroalkyl Substances Across Aquatic Species. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1530-1543.	2.2	84
1175	Organic contaminants of emerging concern in leachate of historic municipal landfills. <i>Environmental Pollution</i> , 2021, 276, 116474.	3.7	58
1176	Risks posed by perâ€“and polyfluoroalkyl substances (PFAS) on the African continent, emphasizing aquatic ecosystems. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 726-732.	1.6	16
1177	Occurrence and toxicity of perfluoroalkyl acids along the estuarine and coastal regions under varied environmental factors. <i>Science of the Total Environment</i> , 2021, 769, 144584.	3.9	6
1178	Spectroscopic study of self-pulsing discharge with liquid electrode. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	7
1179	A Statistical Approach for Identifying Private Wells Susceptible to Perfluoroalkyl Substances (PFAS) Contamination. <i>Environmental Science and Technology Letters</i> , 2021, 8, 596-602.	3.9	18

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1180	Studies on the formation and stability of perfluorodecalin nanoemulsions by ultrasound emulsification using novel surfactant systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 616, 126315.	2.3	7
1181	Sediment quality assessment framework for per- and polyfluoroalkyl substances: Results from a preparatory study and regulatory implications. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 716-725.	1.6	7
1182	Synthesis and Characterization of Customizable Polyaniline-Derived Polymers and Their Application for Perfluorooctanoic Acid Removal from Aqueous Solution. <i>ACS ES&T Water</i> , 2021, 1, 1438-1446.	2.3	3
1183	Effect of Perfluorooctanesulfonic acid (PFOS) on immune cell development and function in mice. <i>Immunology Letters</i> , 2021, 233, 31-41.	1.1	11
1184	Environmental Source Tracking of Per- and Polyfluoroalkyl Substances within a Forensic Context: Current and Future Techniques. <i>Environmental Science & Technology</i> , 2021, 55, 7237-7245.	4.6	40
1185	Legacy and emerging per- and polyfluoroalkyl substances (PFASs) in Australian biosolids. <i>Chemosphere</i> , 2021, 270, 129143.	4.2	47
1186	A rapid method for the detection and quantification of legacy and emerging per- and polyfluoroalkyl substances (PFAS) in bird feathers using UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1172, 122653.	1.2	23
1187	Perfluoroalkylated Substances (PFAS) Associated with Microplastics in a Lake Environment. <i>Toxics</i> , 2021, 9, 106.	1.6	38
1188	Biobased Waterborne Polyurethane-Urea/SWCNT Nanocomposites for Hydrophobic and Electrically Conductive Textile Coatings. <i>Polymers</i> , 2021, 13, 1624.	2.0	7
1189	Per- and Polyfluoroalkyl Substances (PFAS) in Breast Milk: Concerning Trends for Current-Use PFAS. <i>Environmental Science & Technology</i> , 2021, 55, 7510-7520.	4.6	124
1190	Exposure to perfluorooctanesulfonate (PFOS) but not perfluorooctanoic acid (PFOA) at ppb concentration induces chronic toxicity in <i>Daphnia carinata</i> . <i>Science of the Total Environment</i> , 2021, 769, 144577.	3.9	28
1191	Occurrence and Ecological Risk Assessment of Perfluoroalkyl Substances (PFASs) in Water and Sediment from an Urban River in South China. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 133-141.	2.1	9
1192	Biomarkers of poly- and perfluoroalkyl substances (PFAS) in Sub-Arctic and Arctic communities in Canada. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 235, 113754.	2.1	21
1193	Fate and transport of per- and polyfluoroalkyl substances (PFASs) in the vadose zone. <i>Science of the Total Environment</i> , 2021, 771, 145427.	3.9	69
1194	Fluorinated Compounds in North American Cosmetics. <i>Environmental Science and Technology Letters</i> , 2021, 8, 538-544.	3.9	120
1195	Simulating PFAS adsorption kinetics, adsorption isotherms, and nonideal transport in saturated soil with tempered one-sided stable density (TOSD) based models. <i>Journal of Hazardous Materials</i> , 2021, 411, 125169.	6.5	30
1196	Environmental Factors Affecting Thyroid-Stimulating Hormone and Thyroid Hormone Levels. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6521.	1.8	74
1197	Identification and classification of commercially relevant per- and polyfluoroalkyl substances (PFAS). <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 1045-1055.	1.6	60

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1198	Harmonization of acronyms for volatile organic compound metabolites using a standardized naming system. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 235, 113749.	2.1	11
1199	Per- and polyfluoroalkyl substances (PFAS) in livestock and game species: A review. <i>Science of the Total Environment</i> , 2021, 774, 144795.	3.9	95
1200	Field study on the transportation characteristics of PFASs from water source to tap water. <i>Water Research</i> , 2021, 198, 117162.	5.3	23
1201	Legacy and emerging per- and poly-fluoroalkyl substances in surface seawater from northwestern Pacific to Southern Ocean: Evidences of current and historical release. <i>Journal of Hazardous Materials</i> , 2021, 411, 125049.	6.5	26
1202	How To Prepare for the Unexpected: a Public Health Laboratory Response. <i>Clinical Microbiology Reviews</i> , 2021, 34, .	5.7	0
1203	Sea turtles across the North Pacific are exposed to perfluoroalkyl substances. <i>Environmental Pollution</i> , 2021, 279, 116875.	3.7	20
1204	Predicting the risk of GenX contamination in private well water using a machine-learned Bayesian network model. <i>Journal of Hazardous Materials</i> , 2021, 411, 125075.	6.5	28
1205	Presence of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) in Food Contact Materials (FCM) and Its Migration to Food. <i>Foods</i> , 2021, 10, 1443.	1.9	48
1206	GRAFTING METHOD OF FLUORINATED COMPOUNDS TO CELLULOSE AND CELLULOSE ACETATE: CHARACTERIZATION AND BIODEGRADATION STUDY. <i>Cellulose Chemistry and Technology</i> , 2021, 55, 511-528.	0.5	3
1207	Low temperature thermal treatment of gas-phase fluorotelomer alcohols by calcium oxide. <i>Chemosphere</i> , 2021, 272, 129859.	4.2	15
1208	Chronic exposure to PFO4DA and PFO5DoDA, two perfluoroalkyl ether carboxylic acids (PFECAs), suppresses hepatic stress signals and disturbs glucose and lipid metabolism in male mice. <i>Journal of Hazardous Materials</i> , 2021, 411, 124963.	6.5	27
1209	PFAS and their substitutes in groundwater: Occurrence, transformation and remediation. <i>Journal of Hazardous Materials</i> , 2021, 412, 125159.	6.5	137
1210	Occurrence and fate of legacy and novel per- and polyfluoroalkyl substances (PFASs) in freshwater after an industrial fire of unknown chemical stockpiles. <i>Environmental Pollution</i> , 2021, 278, 116839.	3.7	29
1211	Toxicological Response of <i>Chironomus dilutus</i> in Single and Binary Mixture Exposure Experiments with 6 Perfluoroalkyl Substances. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2319-2333.	2.2	24
1212	Occurrence of perfluorinated carboxylic acids in Mexico City's wastewater: A monitoring study in the sewerage and a mega wastewater treatment plant. <i>Science of the Total Environment</i> , 2021, 774, 145060.	3.9	18
1213	PFAS removal by ion exchange resins: A review. <i>Chemosphere</i> , 2021, 272, 129777.	4.2	144
1214	Investigating the Uptake and Fate of Poly- and Perfluoroalkylated Substances (PFAS) in Sea Ice Using an Experimental Sea Ice Chamber. <i>Environmental Science & Technology</i> , 2021, 55, 9601-9608.	4.6	15
1216	Determination of perfluorooctane sulphonate and perfluorooctanoic acid in seafood and water from Map Ta Phut Industrial Estate area, Thailand. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021, 38, 1400-1415.	1.1	6

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1217	Microwave regeneration of granular activated carbon saturated with PFAS. <i>Water Research</i> , 2021, 198, 117121.	5.3	33
1218	Uptake and translocation of perfluoroalkyl acids by hydroponically grown lettuce and spinach exposed to spiked solution and treated wastewaters. <i>Science of the Total Environment</i> , 2021, 772, 145523.	3.9	6
1219	Bioaccumulation, Biodistribution, Toxicology and Biomonitoring of Organofluorine Compounds in Aquatic Organisms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6276.	1.8	40
1220	Priority perfluoroalkyl substances in surface waters - A snapshot survey from 22 developing countries. <i>Chemosphere</i> , 2021, 273, 129612.	4.2	35
1221	High Concentrations of Perfluoroalkyl Acids in Arctic Seawater Driven by Early Thawing Sea Ice. <i>Environmental Science & Technology</i> , 2021, 55, 11049-11059.	4.6	11
1222	A review of the occurrence, transformation, and removal of poly- and perfluoroalkyl substances (PFAS) in wastewater treatment plants. <i>Water Research</i> , 2021, 199, 117187.	5.3	233
1224	Enhanced Recovery of Per- and Polyfluoroalkyl Substances (PFASs) from Impacted Soils Using Heat Activated Persulfate. <i>Environmental Science & Technology</i> , 2021, 55, 9805-9816.	4.6	28
1225	The new PFAS C6O4 and its effects on marine invertebrates: First evidence of transcriptional and microbiota changes in the Manila clam <i>Ruditapes philippinarum</i> . <i>Environment International</i> , 2021, 152, 106484.	4.8	35
1226	Chronic Reproductive Toxicity Thresholds for Northern Bobwhite Quail (<i>Colinus virginianus</i>) Exposed to Perfluorohexanoic Acid (PFHxA) and a Mixture of Perfluorooctane Sulfonic Acid (PFOS) and PFHxA. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2601-2614.	2.2	6
1227	Thermal Decomposition of Anionic, Zwitterionic, and Cationic Polyfluoroalkyl Substances in Aqueous Film-Forming Foams. <i>Environmental Science & Technology</i> , 2021, 55, 9885-9894.	4.6	40
1228	Passive sampler designed for per- and polyfluoroalkyl substances using <sc>polymer</sc>-modified organosilica adsorbent. <i>AWWA Water Science</i> , 2021, 3, e1237.	1.0	10
1229	Review of foam fractionation as a water treatment technology. <i>Separation Science and Technology</i> , 2022, 57, 929-958.	1.3	41
1230	Source, transportation, bioaccumulation, distribution and food risk assessment of perfluorinated alkyl substances in vegetables: A review. <i>Food Chemistry</i> , 2021, 349, 129137.	4.2	47
1231	Effects of Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonic Acid (PFOS) on Soil Microbial Community. <i>Microbial Ecology</i> , 2022, 83, 929-941.	1.4	23
1232	Occurrence, source apportionment, plant bioaccumulation and human exposure of legacy and emerging per- and polyfluoroalkyl substances in soil and plant leaves near a landfill in China. <i>Science of the Total Environment</i> , 2021, 776, 145731.	3.9	41
1233	Trends (2005–2016) of perfluoroalkyl acids in top predator fish of the Laurentian Great Lakes. <i>Science of the Total Environment</i> , 2021, 778, 146151.	3.9	12
1234	Prenatal exposure to per- and polyfluoroalkyl substances (PFAS) and associations with attention-deficit/hyperactivity disorder and autism spectrum disorder in children. <i>Environmental Research</i> , 2021, 202, 111692.	3.7	41
1235	Per- and polyfluoroalkyl substances (PFAS) in sediments collected from the Pensacola Bay System watershed. <i>Environmental Advances</i> , 2021, 5, 100088.	2.2	8

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1236	Concentrations of perfluoroalkyl substances in donor breast milk in Southern Spain and their potential determinants. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 236, 113796.	2.1	30
1237	Environmental Sources, Chemistry, Fate, and Transport of Per- and Polyfluoroalkyl Substances: State of the Science, Key Knowledge Gaps, and Recommendations Presented at the August 2019 SETAC Focus Topic Meeting. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 3234-3260.	2.2	49
1238	Legacy and emerging per- and polyfluorinated alkyl substances (PFASs) in sediment and edible fish from the Eastern Red Sea. <i>Environmental Pollution</i> , 2021, 280, 116935.	3.7	45
1239	Dietary Exposure of Japanese Quail (<i>Coturnix japonica</i>) to Perfluorooctane Sulfonate (PFOS) and a Legacy Aqueous Film-Forming Foam (AFFF) Containing PFOS: Effects on Reproduction and Chick Survivability and Growth. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2521-2537.	2.2	7
1240	Comparative analysis of the physicochemical, toxicokinetic, and toxicological properties of ether-PFAS. <i>Toxicology and Applied Pharmacology</i> , 2021, 422, 115531.	1.3	21
1241	Accumulation of PFAS by livestock – determination of transfer factors from water to serum for cattle and sheep in Australia. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021, 38, 1897-1913.	1.1	10
1242	Environmental exposure to per- and polyfluoroalkyl substances mixture and male reproductive hormones. <i>Environment International</i> , 2021, 152, 106496.	4.8	39
1243	Electrochemical Oxidation of 6:2 Polyfluoroalkyl Phosphate Diester – Simulation of Transformation Pathways and Reaction Kinetics with Hydroxyl Radicals. <i>Environmental Science & Technology</i> , 2021, 55, 11070-11079.	4.6	15
1244	Yale School of Public Health Symposium: An overview of the challenges and opportunities associated with per- and polyfluoroalkyl substances (PFAS). <i>Science of the Total Environment</i> , 2021, 778, 146192.	3.9	22
1245	The last straw: Characterization of per- and polyfluoroalkyl substances in commercially-available plant-based drinking straws. <i>Chemosphere</i> , 2021, 277, 130238.	4.2	24
1246	Perfluoroalkyl substances (PFASs) in the Ugandan waters of Lake Victoria: Spatial distribution, catchment release and public exposure risk via municipal water consumption. <i>Science of the Total Environment</i> , 2021, 783, 146970.	3.9	11
1248	Perfluorooctane Sulfonate in US Ambient Surface Waters: A Review of Occurrence in Aquatic Environments and Comparison to Global Concentrations. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2425-2442.	2.2	25
1249	Small-Footprint, Field-Deployable LC/MS System for On-Site Analysis of Per- and Polyfluoroalkyl Substances in Soil. <i>Analytical Chemistry</i> , 2021, 93, 12032-12040.	3.2	13
1251	Degradation by hydrothermal liquefaction of fluoroalkylether compounds accumulated in cattails (<i>Typha latifolia</i>). <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105363.	3.3	9
1252	Characteristic distribution patterns of perfluoroalkyl substances in soils according to land-use types. <i>Chemosphere</i> , 2021, 276, 130167.	4.2	10
1253	Detection of ultrashort-chain and other per- and polyfluoroalkyl substances (PFAS) in U.S. bottled water. <i>Water Research</i> , 2021, 201, 117292.	5.3	46
1254	N-acetyl cysteine abates hepatorenal toxicities induced by perfluorooctanoic acid exposure in male rats. <i>Environmental Toxicology and Pharmacology</i> , 2021, 86, 103667.	2.0	11
1255	Association between maternal exposure to perfluoroalkyl and polyfluoroalkyl substances and risks of adverse pregnancy outcomes: A systematic review and meta-analysis. <i>Science of the Total Environment</i> , 2021, 783, 146984.	3.9	26

#	ARTICLE	IF	CITATIONS
1256	Improved electrical driving current of electrochemical treatment of Per- and Polyfluoroalkyl Substances (PFAS) in water using Boron-Doped Diamond anode. <i>Environmental Technology and Innovation</i> , 2021, 23, 101655.	3.0	17
1257	Enhanced Ice Nucleation of Simulated Sea Salt Particles with the Addition of Anthropogenic Per- and Polyfluoroalkyl Substances. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2074-2085.	1.2	6
1258	Occurrence and sources of per- and polyfluoroalkyl substances in the ice-melting lakes of Larsemann Hills, East Antarctica. <i>Science of the Total Environment</i> , 2021, 781, 146747.	3.9	9
1259	Regional occurrence of perfluoroalkane substances in human milk for the global monitoring plan under the Stockholm Convention on Persistent Organic Pollutants during 2016-2019. <i>Chemosphere</i> , 2021, 277, 130287.	4.2	37
1260	Understanding the Impact of Perfluorinated Compounds on Cardiovascular Diseases and Their Risk Factors: A Meta-Analysis Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8345.	1.2	14
1261	Efficient sorption of perfluoroalkyl acids by ionic liquid-modified natural clay. <i>Chemical Engineering Journal Advances</i> , 2021, 7, 100135.	2.4	12
1262	Analysis of per- and poly-fluoroalkyl substances (PFAS) in processed foods from FDA's Total Diet Study. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1189-1199.	1.9	25
1263	Exploring unknown per- and polyfluoroalkyl substances in the German environment - The total oxidizable precursor assay as helpful tool in research and regulation. <i>Science of the Total Environment</i> , 2021, 782, 146825.	3.9	39
1264	Power density modulated ultrasonic degradation of perfluoroalkyl substances with and without sparging Argon. <i>Ultrasonics Sonochemistry</i> , 2021, 76, 105639.	3.8	15
1265	STXM-XANES and computational investigations of adsorption of per- and polyfluoroalkyl substances on modified clay. <i>Water Research</i> , 2021, 201, 117371.	5.3	22
1266	Determination of perfluoroalkyl acids in seawater and sandworm samples by high-performance liquid chromatography-tandem mass spectrometry. <i>International Journal of Environmental Science and Technology</i> , 0, , 1.	1.8	0
1267	The Air That We Breathe: Neutral and Volatile PFAS in Indoor Air. <i>Environmental Science and Technology Letters</i> , 2021, 8, 897-902.	3.9	63
1268	Electrochemical adsorption of perfluorooctanoic acid on a novel reduced graphene oxide aerogel loaded with Cu nanoparticles and fluorine. <i>Journal of Hazardous Materials</i> , 2021, 416, 125866.	6.5	18
1269	Perfluorononanoic acid impedes mouse oocyte maturation by inducing mitochondrial dysfunction and oxidative stress. <i>Reproductive Toxicology</i> , 2021, 104, 58-67.	1.3	23
1270	Enhanced degradation of perfluorooctanoic acid by heat-activated persulfate in the presence of zeolites. <i>Chemical Engineering Journal</i> , 2022, 429, 132500.	6.6	40
1271	Practical implications of perfluoroalkyl substances adsorption on bottle materials: Isotherms. <i>AWWA Water Science</i> , 2021, 3, e1243.	1.0	3
1272	The molecular-level understanding of the uptake of PFOS and its alternatives (6:2 Cl-PFESA and OBS) into phospholipid bilayers. <i>Journal of Hazardous Materials</i> , 2021, 417, 125991.	6.5	18
1273	Light-Induced Advanced Oxidation Processes as PFAS Remediation Methods: A Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8458.	1.3	22

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1274	Associations of Maternal Serum Perfluoroalkyl Substances Concentrations with Early Adolescent Bone Mineral Content and Density: The Health Outcomes and Measures of the Environment (HOME) Study. <i>Environmental Health Perspectives</i> , 2021, 129, 97011.	2.8	21
1275	Occurrence of per- and polyfluoroalkyl substances and unidentified organofluorine in leachate from waste-to-energy stockpile - A case study. <i>Chemosphere</i> , 2021, 278, 130380.	4.2	9
1276	Multidimensional simulation of PFAS transport and leaching in the vadose zone: Impact of surfactant-induced flow and subsurface heterogeneities. <i>Advances in Water Resources</i> , 2021, 155, 104015.	1.7	23
1277	Foam fractionation removal of multiple per- and polyfluoroalkyl substances from landfill leachate. <i>AWWA Water Science</i> , 2021, 3, e1238.	1.0	35
1278	Rapid Characterization of Human Serum Albumin Binding for Per- and Polyfluoroalkyl Substances Using Differential Scanning Fluorimetry. <i>Environmental Science & Technology</i> , 2021, 55, 12291-12301.	4.6	30
1279	An electrocoagulation and electrooxidation treatment train to remove and degrade per- and polyfluoroalkyl substances in aqueous solution. <i>Science of the Total Environment</i> , 2021, 788, 147723.	3.9	24
1280	Natural and engineered clays and clay minerals for the removal of poly- and perfluoroalkyl substances from water: State-of-the-art and future perspectives. <i>Advances in Colloid and Interface Science</i> , 2021, 297, 102537.	7.0	51
1281	Neurodevelopmental impact of the offspring by thyroid hormone system-disrupting environmental chemicals during pregnancy. <i>Environmental Research</i> , 2021, 200, 111345.	3.7	27
1282	Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) in Surface Water of China: National Exposure Distributions and Probabilistic Risk Assessment. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 470-481.	2.1	12
1283	Addressing Urgent Questions for PFAS in the 21st Century. <i>Environmental Science & Technology</i> , 2021, 55, 12755-12765.	4.6	17
1284	Gestational exposure to perfluoroalkyl substances and congenital heart defects: A nested case-control pilot study. <i>Environment International</i> , 2021, 154, 106567.	4.8	19
1285	Early-Life Exposure to Per- and Poly-Fluorinated Alkyl Substances and Growth, Adiposity, and Puberty in Children: A Systematic Review. <i>Frontiers in Endocrinology</i> , 2021, 12, 683297.	1.5	38
1286	Can't touch this: Highly omniphobic coatings based on self-textured C6-fluoroponytailed polyvinylimidazolium monoliths. <i>Journal of Fluorine Chemistry</i> , 2021, 249, 109839.	0.9	3
1287	The effects of Cl-PFESAs exposure on blood lipids – A community-based large population study in Guangzhou. <i>Science of the Total Environment</i> , 2022, 806, 150634.	3.9	6
1288	Per and polyfluoroalkyl substances (PFAS) at high concentrations in neonatal Australian pinnipeds. <i>Science of the Total Environment</i> , 2021, 786, 147446.	3.9	24
1289	Exposure to isomers of per- and polyfluoroalkyl substances increases the risk of diabetes and impairs glucose-homeostasis in Chinese adults: Isomers of C8 health project. <i>Chemosphere</i> , 2021, 278, 130486.	4.2	17
1290	Developmental effects of PFOS, PFOA and GenX in a 3D human induced pluripotent stem cell differentiation model. <i>Chemosphere</i> , 2021, 279, 130624.	4.2	14
1291	Phytoremediation of poly- and perfluoroalkyl substances: A review on aquatic plants, influencing factors, and phytotoxicity. <i>Journal of Hazardous Materials</i> , 2021, 418, 126314.	6.5	36

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1292	Occurrence of legacy and emerging poly- and perfluoroalkyl substances in water: A case study in Tianjin (China). <i>Chemosphere</i> , 2022, 287, 132409.	4.2	19
1293	Heterogeneous photooxidation of 6:2 polyfluoroalkyl phosphoric acid diester on dust mineral components under simulated sunlight and the influence of relative humidity and oxygen. <i>Chemosphere</i> , 2021, 281, 130713.	4.2	9
1294	Model-based investigation of the formation, transmission, and health risk of perfluorooctanoic acid, a member of PFASs group, in drinking water distribution systems. <i>Water Research</i> , 2021, 204, 117626.	5.3	11
1295	Perfluoroalkyl and polyfluoroalkyl substances (PFAS) in groundwater at a reclaimed water recharge facility. <i>Science of the Total Environment</i> , 2021, 791, 147906.	3.9	14
1296	Per and poly-fluoroalkyl substances (PFAS) as a contaminant of emerging concern in surface water: A transboundary review of their occurrences and toxicity effects. <i>Journal of Hazardous Materials</i> , 2021, 419, 126361.	6.5	207
1297	Evaluation of the individual and combined toxicity of perfluoroalkyl substances to human liver cells using biomarkers of oxidative stress. <i>Chemosphere</i> , 2021, 281, 130808.	4.2	45
1298	Differential susceptibility of rat primary neurons and neural stem cells to PFOS and PFOA toxicity. <i>Toxicology Letters</i> , 2021, 349, 61-68.	0.4	15
1299	Temporal trends, 2000–2017, of perfluoroalkyl acid (PFAA) concentrations in serum of Swedish adolescents. <i>Environment International</i> , 2021, 155, 106716.	4.8	26
1300	Distribution, behaviour, bioavailability and remediation of poly- and per-fluoroalkyl substances (PFAS) in solid biowastes and biowaste-treated soil. <i>Environment International</i> , 2021, 155, 106600.	4.8	74
1301	Assessment of exposure to perfluoroalkyl substances (PFASs) in dogs by fur analysis. <i>Environmental Pollution</i> , 2021, 286, 117435.	3.7	7
1302	A flow-through cell for the electrochemical oxidation of perfluoroalkyl substances in landfill leachates. <i>Journal of Water Process Engineering</i> , 2021, 43, 102210.	2.6	15
1303	New compounds, old problems. The case of C6O4 - a substitute of PFOA - and its effects to the clam <i>Ruditapes philippinarum</i> . <i>Journal of Hazardous Materials</i> , 2021, 420, 126689.	6.5	10
1304	GenX is not always a better fluorinated organic compound than PFOA: A critical review on aqueous phase treatability by adsorption and its associated cost. <i>Water Research</i> , 2021, 205, 117683.	5.3	20
1305	Simultaneous analysis of neutral and ionizable per- and polyfluoroalkyl substances in air. <i>Chemosphere</i> , 2021, 280, 130607.	4.2	18
1306	Perfluoroalkylated acids (PFAAs) accumulate in field-exposed snails (<i>Cepaea</i> sp.) and affect their oxidative status. <i>Science of the Total Environment</i> , 2021, 790, 148059.	3.9	3
1307	Associations of perfluorooctane sulfonate alternatives and serum lipids in Chinese adults. <i>Environment International</i> , 2021, 155, 106596.	4.8	16
1308	Distribution, partitioning behavior and potential source of legacy and alternative per- and polyfluoroalkyl substances (PFASs) in water and sediments from a subtropical Gulf, South China Sea. <i>Environmental Research</i> , 2021, 201, 111485.	3.7	29
1309	Characterization of the distribution, source, and potential ecological risk of perfluorinated alkyl substances (PFASs) in the inland river basin of Longgang District, South China. <i>Environmental Pollution</i> , 2021, 287, 117642.	3.7	17

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1310	Prenatal and childhood exposure to per- and polyfluoroalkyl substances (PFAS) and child executive function and behavioral problems. <i>Environmental Research</i> , 2021, 202, 111621.	3.7	29
1311	Detection and removal of poly and perfluoroalkyl polluting substances for sustainable environment. <i>Journal of Environmental Management</i> , 2021, 297, 113336.	3.8	17
1312	Legacy and emerging per- and polyfluoroalkyl substances (PFAS) in sediments from the East China Sea and the Yellow Sea: Occurrence, source apportionment and environmental risk assessment. <i>Chemosphere</i> , 2021, 282, 131042.	4.2	29
1313	Incidence of Pfas in soil following long-term application of class B biosolids. <i>Science of the Total Environment</i> , 2021, 793, 148449.	3.9	41
1314	Legacy and emerging poly- and perfluorochemicals in seawater and sediment from East China Sea. <i>Science of the Total Environment</i> , 2021, 797, 149052.	3.9	17
1315	Fluorine mass balance analysis of selected environmental samples from Norway. <i>Chemosphere</i> , 2021, 283, 131200.	4.2	31
1316	Excavated vs novel in situ soil washing as a remediation strategy for sandy soils impacted with per- and polyfluoroalkyl substances from aqueous film forming foams. <i>Science of the Total Environment</i> , 2021, 794, 148763.	3.9	20
1317	Perfluoroalkyl contaminants in eggs from backyard chickens reared in Italy. <i>Food Chemistry</i> , 2021, 362, 130178.	4.2	19
1318	Air monitoring with passive samplers for perfluoroalkane substances in developing countries (2017â€“2019). <i>Chemosphere</i> , 2021, 282, 131069.	4.2	15
1319	Do perfluoroalkyl substances aggravate the occurrence of obesity-associated glucolipid metabolic disease?. <i>Environmental Research</i> , 2021, 202, 111724.	3.7	10
1320	Total and class-specific analysis of per- and polyfluoroalkyl substances in environmental samples using nuclear magnetic resonance spectroscopy. <i>Journal of Hazardous Materials Letters</i> , 2021, 2, 100023.	2.0	18
1321	A new framework for modeling the effect of salt on interfacial adsorption of PFAS in environmental systems. <i>Science of the Total Environment</i> , 2021, 796, 148893.	3.9	13
1322	Per- and polyfluoroalkyl substances (PFASs) in the soilâ€“plant system: Sorption, root uptake, and translocation. <i>Environment International</i> , 2021, 156, 106642.	4.8	65
1323	Per- and poly-fluoroalkyl substance remediation from soil and sorbents: A review of adsorption behaviour and ultrasonic treatment. <i>Chemosphere</i> , 2021, 282, 131025.	4.2	35
1324	Adsorption of perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) by aluminum-based drinking water treatment residuals. <i>Journal of Hazardous Materials Letters</i> , 2021, 2, 100034.	2.0	19
1325	Vitamin B12 (Coll) initiates the reductive defluorination of branched perfluorooctane sulfonate (br-PFOS) in the presence of sulfide. <i>Chemical Engineering Journal</i> , 2021, 423, 130149.	6.6	8
1326	Removal of per- and poly-fluoroalkyl substances (PFASs) by wetlands: Prospects on plants, microbes and the interplay. <i>Science of the Total Environment</i> , 2021, 800, 149570.	3.9	22
1327	Evaluation of per- and poly-fluorinated alkyl substances (PFAS) in livers of bottlenose dolphins (<i>Tursiops truncatus</i>) found stranded along the northern Adriatic Sea.. <i>Environmental Pollution</i> , 2021, 291, 118186.	3.7	18

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1328	Exposure to GenX and its novel analogs disrupts fatty acid metabolism in male mice. <i>Environmental Pollution</i> , 2021, 291, 118202.	3.7	20
1329	Chlorinated polyfluoroalkyl ether sulfonic acids in fish, dust, drinking water and human serum: From external exposure to internal doses. <i>Environment International</i> , 2021, 157, 106820.	4.8	23
1330	Exposure to a mixture of legacy, alternative, and replacement per- and polyfluoroalkyl substances (PFAS) results in sex-dependent modulation of cholesterol metabolism and liver injury. <i>Environment International</i> , 2021, 157, 106843.	4.8	108
1331	Ozone as oxidizing agent for the total oxidizable precursor (TOP) assay and as a preceding step for activated carbon treatments concerning per- and polyfluoroalkyl substance removal. <i>Journal of Environmental Management</i> , 2021, 300, 113692.	3.8	11
1332	Per/polyfluoroalkyl substances production, applications and environmental impacts. <i>Bioresource Technology</i> , 2021, 341, 125808.	4.8	46
1333	Electrochemical oxidation technology: A review of its application in high-efficiency treatment of wastewater containing persistent organic pollutants. <i>Journal of Water Process Engineering</i> , 2021, 44, 102308.	2.6	74
1334	Modelling the sorption behaviour of perfluoroalkyl carboxylates and perfluoroalkane sulfonates in soils. <i>Science of the Total Environment</i> , 2021, 801, 149343.	3.9	31
1335	Perfluoroalkyl substances (PFAS) in drinking water and risk for polycystic ovarian syndrome, uterine leiomyoma, and endometriosis: A Swedish cohort study. <i>Environment International</i> , 2021, 157, 106819.	4.8	20
1336	Efficient adsorptive removal of short-chain perfluoroalkyl acids using reed straw-derived biochar (RESCA). <i>Science of the Total Environment</i> , 2021, 798, 149191.	3.9	33
1337	Plant uptake of perfluoroalkyl substances in freshwater environments (Dongzhulong and Xiaoqing) Tj ETQq1 1 0.784314 rgBT /Overlo	6.5	16
1338	PFASs pollution in Galveston Bay surface waters and biota (shellfish and fish) following AFFFs use during the ITC fire at Deer Park (March 17th–20th 2019), Houston, TX. <i>Science of the Total Environment</i> , 2022, 805, 150361.	3.9	9
1339	Temporal trends of perfluoroalkyl substances in an Australian wastewater treatment plant: A ten-year retrospective investigation. <i>Science of the Total Environment</i> , 2022, 804, 150211.	3.9	15
1340	Electrochemical destruction and mobilization of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) in saturated soil. <i>Chemosphere</i> , 2022, 287, 132205.	4.2	20
1341	Levels and trends of perfluoroalkyl acids (PFAAs) in water (2013–2020) and fish from selected riverine basins in Spain. <i>Chemosphere</i> , 2022, 286, 131940.	4.2	11
1342	Determination of 56 per- and polyfluoroalkyl substances in top predators and their prey from Northern Europe by LC-MS/MS. <i>Chemosphere</i> , 2022, 287, 131775.	4.2	40
1343	The Nrf2a pathway impacts zebrafish offspring development with maternal preconception exposure to perfluorobutanesulfonic acid. <i>Chemosphere</i> , 2022, 287, 132121.	4.2	6
1344	Source apportionment and crop bioaccumulation of perfluoroalkyl acids and novel alternatives in an industrial-intensive region with fluorochemical production, China: Health implications for human exposure. <i>Journal of Hazardous Materials</i> , 2022, 423, 127019.	6.5	13
1345	Analysis of per- and polyfluoroalkyl substances in Houston Ship Channel and Galveston Bay following a large-scale industrial fire using ion-mobility-spectrometry-mass spectrometry. <i>Journal of Environmental Sciences</i> , 2022, 115, 350-362.	3.2	16

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1346	Elevated levels of perfluoroalkyl substances in breast cancer patients within the Greater Manila Area. <i>Chemosphere</i> , 2022, 286, 131545.	4.2	13
1347	Exposure to perfluoroalkyl substances was associated with estrogen homeostasis in pregnant women. <i>Science of the Total Environment</i> , 2022, 805, 150360.	3.9	8
1348	Biochar sorption of perfluoroalkyl substances (PFASs) in aqueous film-forming foams-impacted groundwater: Effects of PFASs properties and groundwater chemistry. <i>Chemosphere</i> , 2022, 286, 131622.	4.2	11
1349	PFASs intake from fish, eggs and drinking water in Greece in relation to the safety limits for weekly intake proposed in the EFSA scientific opinion of 2020. <i>Chemosphere</i> , 2022, 286, 131851.	4.2	11
1350	Levels, distributions, and sources of legacy and novel per- and perfluoroalkyl substances (PFAS) in the topsoil of Tianjin, China. <i>Journal of Environmental Sciences</i> , 2022, 112, 71-81.	3.2	43
1351	Toxicity evaluation and oxidative stress response of fumaronitrile, a persistent organic pollutant (POP) of industrial waste water on tilapia fish (<i>Oreochromis mossambicus</i>). <i>Environmental Research</i> , 2022, 204, 112030.	3.7	23
1352	Development, validation, and application of a new method for the quantitative determination of monohydrogen-substituted perfluoroalkyl carboxylic acids (Hâ€“PFCAs) in surface water. <i>Chemosphere</i> , 2022, 287, 132143.	4.2	14
1353	Reduced bioaccumulation of fluorotelomer sulfonates and perfluoroalkyl acids in earthworms (<i>Eisenia fetida</i>) from soils amended with modified clays. <i>Journal of Hazardous Materials</i> , 2022, 423, 126999.	6.5	6
1354	Distribution of perfluoroalkyl substances (PFASs) in water, sediment, and fish tissue, and the potential human health risks due to fish consumption in Lake Hawassa, Ethiopia. <i>Environmental Research</i> , 2022, 204, 112033.	3.7	14
1355	Underlying mechanisms for the impacts of molecular structures and water chemistry on the enrichment of poly/perfluoroalkyl substances in aqueous aerosol. <i>Science of the Total Environment</i> , 2022, 803, 150003.	3.9	5
1356	A switchable sensor and scavenger: detection and removal of fluorinated chemical species by a luminescent metalâ€“organic framework. <i>Chemical Science</i> , 2021, 12, 14189-14197.	3.7	26
1357	Health and social concerns about living in three communities affected by per- and polyfluoroalkyl substances (PFAS): A qualitative study in Australia. <i>PLoS ONE</i> , 2021, 16, e0245141.	1.1	24
1358	Analysis of PFAS Levels and Associations with Adolescent Anthropometric Outcomes in NHANES. <i>Occupational Diseases and Environmental Medicine</i> , 2021, 09, 93-111.	0.9	0
1359	The fate of poly- and perfluoroalkyl substances in a marine food web influenced by land-based sources in the Norwegian Arctic. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 588-604.	1.7	15
1360	Out of sight, but not out of mind: Per- and polyfluoroalkyl substances in groundwater. , 2021, , 215-227.		1
1361	Calculated IR absorption spectra for perfluoroalkyl and polyfluoroalkyl (PFAS) molecules. <i>Structural Chemistry</i> , 2021, 32, 899-907.	1.0	8
1362	Thyroid Disrupting Effects of Old and New Generation PFAS. <i>Frontiers in Endocrinology</i> , 2020, 11, 612320.	1.5	89
1363	A database framework for rapid screening of structure-function relationships in PFAS chemistry. <i>Scientific Data</i> , 2021, 8, 14.	2.4	26

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1364	Using Cats as Sentinels for Human Indoor Exposure to Organic Contaminants and Potential Effects on the Thyroid Hormone System. , 2020, , 123-139.		2
1365	Internet of Things in Water Management and Treatment. Internet of Things, 2020, , 273-298.	1.3	25
1366	Role of Perfluoroalkyl Substances as EDCs in Metabolic Disorders. Emerging Contaminants and Associated Treatment Technologies, 2021, , 301-322.	0.4	1
1367	PFAS Biomonitoring in Higher Exposed Populations. Molecular and Integrative Toxicology, 2015, , 77-125.	0.5	5
1368	Organic Pollutants in Sediment Core Archives. Developments in Paleoenvironmental Research, 2015, , 161-185.	7.5	13
1369	Long-Term Implications of Developmental Programming and Obesity. Current Topics in Environmental Health and Preventive Medicine, 2020, , 191-220.	0.1	1
1370	Sources, Fate, and Plant Uptake in Agricultural Systems of Per- and Polyfluoroalkyl Substances. Current Pollution Reports, 0, , 1.	3.1	53
1371	Prevalence of per- and polyfluoroalkyl substances (PFASs) in drinking and source water from two Asian countries. Chemosphere, 2020, 256, 127115.	4.2	54
1372	Per- and polyfluoroalkyl substances in Chinese and German river water – Point source- and country-specific fingerprints including unknown precursors. Environmental Pollution, 2020, 267, 115567.	3.7	43
1373	Recent advances in the analysis of per- and polyfluoroalkyl substances (PFAS) – A review. Environmental Technology and Innovation, 2020, 19, 100879.	3.0	109
1374	Uptake mechanism, subcellular distribution, and uptake process of perfluorooctanoic acid and perfluorooctane sulfonic acid by wetland plant <i>Alisma orientale</i> . Science of the Total Environment, 2020, 733, 139383.	3.9	51
1375	Removal of per- and polyfluoroalkyl substances (PFASs) in a full-scale drinking water treatment plant: Long-term performance of granular activated carbon (GAC) and influence of flow-rate. Water Research, 2020, 182, 115913.	5.3	94
1376	Discovery of 40 Classes of Per- and Polyfluoroalkyl Substances in Historical Aqueous Film-Forming Foams (AFFFs) and AFFF-Impacted Groundwater. Environmental Science & Technology, 2017, 51, 2047-2057.	4.6	554
1377	Recent developments in pre-treatment and analytical techniques for synthetic polymers by MALDI-TOF mass spectrometry. Analytical Methods, 2020, 12, 5767-5800.	1.3	12
1378	Adsorption of short-chain perfluoroalkyl acids (PFAAs) from water/wastewater. Environmental Science: Water Research and Technology, 2020, 6, 2958-2972.	1.2	23
1379	Per- and polyfluoroalkyl substances and obesity, type 2 diabetes and non-alcoholic fatty liver disease: a review of epidemiologic findings. Toxicological and Environmental Chemistry, 2020, 102, 1-36.	0.6	47
1380	Birth weight and perfluorooctane sulfonic acid: a random-effects meta-regression analysis. Environmental Epidemiology, 2020, 4, e095.	1.4	22
1381	Per- and polyfluoroalkyl substances in drinking water and birthweight in the US. Environmental Epidemiology, 2020, 4, e0107.	1.4	7

#	ARTICLE	IF	CITATIONS
1383	Freshwater amphipods (<i>Gammarus pulex/fossarum</i>) and brown trout as bioindicators for PFC contamination with regard to the aquatic ecological status of a small stream. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	4
1384	Persistent, mobile and toxic (PMT) and very persistent and very mobile (vPvM) substances pose an equivalent level of concern to persistent, bioaccumulative and toxic (PBT) and very persistent and very bioaccumulative (vPvB) substances under REACH. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	80
1385	Prenatal Exposure to Per- and Polyfluoroalkyl Substances, Umbilical Cord Blood DNA Methylation, and Cardio-Metabolic Indicators in Newborns: The Healthy Start Study. <i>Environmental Health Perspectives</i> , 2020, 128, 127014.	2.8	49
1386	Simulation of the insulating properties of two-layer material. <i>Functional Materials</i> , 2018, 25, 774-779.	0.4	19
1387	Disposition of perfluorododecanoic acid in male rats after oral administration. <i>Fundamental Toxicological Sciences</i> , 2017, 4, 179-186.	0.2	2
1388	Cost-Effective Detection of Perfluoroalkyl Carboxylic Acids with Gas Chromatography: Optimization of Derivatization Approaches and Method Validation. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 100.	1.2	5
1389	An Overview of Per- and Polyfluoroalkyl Substances (PFAS) in the Environment: Source, Fate, Risk and Regulations. <i>Water (Switzerland)</i> , 2020, 12, 3590.	1.2	91
1390	Chemical hazards associated with fish as a food. <i>Food Safety Assurance and Veterinary Public Health</i> , 2019, , 393-413.	0.4	2
1391	<i>In situ</i> measurement-based partitioning behavior of perfluoroalkyl acids in the atmosphere. <i>Environmental Engineering Research</i> , 2020, 25, 281-289.	1.5	9
1392	Chemical Structural Approach to Understand Global Prohibition on Perfluorinated Compounds and their Uses. <i>Textile Coloration and Finishing</i> , 2016, 28, 134-155.	0.0	2
1393	Early-life exposure to endocrine disrupting chemicals associates with childhood obesity. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2018, 23, 182-195.	0.8	22
1394	Assessment of a mouse xenograft model of primary colorectal cancer with special reference to perfluorooctane sulfonate. <i>PeerJ</i> , 2018, 6, e5602.	0.9	6
1395	Emerging investigator series: human CYP2A6 catalyzes the oxidation of 6:2 fluorotelomer alcohol. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1688-1695.	1.7	5
1396	Reversible adsorption and desorption of PFAS on inexpensive graphite adsorbents <i>via</i> alternating electric field. <i>RSC Advances</i> , 2021, 11, 34652-34659.	1.7	10
1397	Assessing the perfluoroalkyl acid-induced swelling of FÃ¼rster resonance energy transfer-capable poly(<i>N</i>-isopropylacrylamide) microgels. <i>Soft Matter</i> , 2021, 17, 9799-9808.	1.2	2
1398	Independent mode sorption of perfluoroalkyl acids by single and multiple adsorbents. <i>Environmental Sciences: Processes and Impacts</i> , 2021, , .	1.7	1
1399	Perâ€•and polyfluoroalkyl substance removal in carbonâ€•based advanced treatment for potable reuse. <i>AWWA Water Science</i> , 2021, 3, e1244.	1.0	4
1400	Analytical uncertainties in a longitudinal study â€• A case study assessing serum levels of per- and poly-fluoroalkyl substances (PFAS). <i>International Journal of Hygiene and Environmental Health</i> , 2021, 238, 113860.	2.1	10

#	ARTICLE	IF	CITATIONS
1401	Postflood Monitoring in a Subtropical Estuary and Benchmarking with PFASs Allows Measurement of Chemical Persistence on the Scale of Months. <i>Environmental Science & Technology</i> , 2021, 55, 14607-14616.	4.6	4
1402	Trends in the Regulation of Per- and Polyfluoroalkyl Substances (PFAS): A Scoping Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10900.	1.2	86
1403	Post-wildfire soil and aquifer contamination: A review. <i>Japanese Geotechnical Society Special Publication</i> , 2021, 9, 175-179.	0.2	0
1404	Utilizing ion mobility spectrometry-mass spectrometry for the characterization and detection of persistent organic pollutants and their metabolites. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1245-1258.	1.9	9
1405	Electrosynthesis and characterization of lead dioxide@perfluorobutanesulfonate composite. <i>Voprosy Khimii i Khimicheskoi Tekhnologii</i> , 2021, , 68-76.	0.1	1
1406	Life cycle environmental impacts of regeneration options for anion exchange resin remediation of PFAS impacted water. <i>Water Research</i> , 2021, 207, 117798.	5.3	18
1407	Insight into the defluorination ability of per- and polyfluoroalkyl substances based on machine learning and quantum chemical computations. <i>Science of the Total Environment</i> , 2022, 807, 151018.	3.9	8
1408	Critical review on PFOA, kidney cancer, and testicular cancer. <i>Journal of the Air and Waste Management Association</i> , 2021, 71, 1265-1276.	0.9	4
1409	Information Requirements under the Essential-Use Concept: PFAS Case Studies. <i>Environmental Science & Technology</i> , 2022, 56, 6232-6242.	4.6	32
1410	On using DFT to construct an IR spectrum database for PFAS molecules. <i>Structural Chemistry</i> , 2022, 33, 247-256.	1.0	10
1411	Perfluoroalkyl Substances in the Western Tropical Atlantic Ocean. <i>Environmental Science & Technology</i> , 2021, 55, 13749-13758.	4.6	23
1412	Umbilical cord serum concentrations of perfluorooctane sulfonate, perfluorooctanoic acid, and the body mass index changes from birth to 5 1/2 years of age. <i>Scientific Reports</i> , 2021, 11, 19789.	1.6	13
1413	A review of emerging PFAS contaminants: sources, fate, health risks, and a comprehensive assortment of recent sorbents for PFAS treatment by evaluating their mechanism. <i>Research on Chemical Intermediates</i> , 2021, 47, 4879-4914.	1.3	27
1414	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.	1.2	29
1415	Profiling research on PFAS in wildlife: Protocol of a systematic evidence map and bibliometric analysis. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12106.	0.8	6
1416	Per- and polyfluoroalkyl substances in water and wastewater: A critical review of their global occurrence and distribution. <i>Science of the Total Environment</i> , 2022, 809, 151003.	3.9	230
1417	Dependency of the photocatalytic and photochemical decomposition of per- and polyfluoroalkyl substances (PFAS) on their chain lengths, functional groups, and structural properties. <i>Water Science and Technology</i> , 2021, 84, 3738-3754.	1.2	8
1418	Selective Removal of Perfluorobutyric Acid Using an Electroactive Ion Exchanger Based on Polypyrrole@Iron Oxide on Carbon Cloth. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 48500-48507.	4.0	8

#	ARTICLE	IF	CITATIONS
1419	Issues in the hazard and risk assessment of perfluoroalkyl substance mixtures. <i>Toxicology Letters</i> , 2021, 353, 79-82.	0.4	2
1420	Hydrogen Peroxide Interference in Chemical Oxygen Demand Assessments of Plasma Treated Wastewaters. , 2018, , .		0
1421	Fabrication of Superhydrophobic Textiles. <i>Textile Science and Clothing Technology</i> , 2020, , 195-216.	0.4	2
1422	Can porous carbons be a remedy for PFAS pollution in water? A perspective. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106665.	3.3	15
1423	Detection of long chain per- and polyfluoroalkyl substances (PFAS) in the benthic Golden tilefish (<i>Lopholatilus chamaeleonticeps</i>) and their association with microscopic hepatic changes. <i>Science of the Total Environment</i> , 2022, 809, 151143.	3.9	2
1424	Release of Per- and Polyfluoroalkyl Substances from Aqueous Film-Forming Foam Impacted Soils. <i>Environmental Science & Technology</i> , 2021, 55, 14617-14627.	4.6	41
1425	Perfluoroalkyl and polyfluoroalkyl substances (PFASs): An optimized LC-MS/MS procedure for feed analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1186, 123009.	1.2	5
1426	Biomonitoring of per- and polyfluoroalkyl substances in minority angler communities in central New York State. <i>Environmental Research</i> , 2022, 204, 112309.	3.7	7
1428	Brazilian overview of per- and polyfluoroalkyl substances listed as persistent organic pollutants in the stockholm convention. <i>Chemosphere</i> , 2022, 291, 132674.	4.2	9
1429	Biodegradation of per- and polyfluoroalkyl substances (PFAS): A review. <i>Bioresource Technology</i> , 2022, 344, 126223.	4.8	87
1430	Transcriptional effects of binary combinations of PFAS in FaO cells. <i>Toxicology</i> , 2021, 464, 152997.	2.0	4
1431	Surfactants and nanoscience. , 2022, , 153-182.		4
1432	Concentration profiles of per- and polyfluoroalkyl substances in major sources to the environment. <i>Journal of Environmental Management</i> , 2022, 301, 113879.	3.8	53
1433	Exposure to perfluoroalkyl substances in waste recycling workers: Distributions in paired human serum and urine. <i>Environment International</i> , 2022, 158, 106963.	4.8	22
1434	Per- and Polyfluoroalkyl Substances Presence, Pathways, and Cycling through Drinking Water and Wastewater Treatment. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	24
1435	Perfluorohexane sulfonate induces memory impairment and downregulation of neuroproteins via NMDA receptor-mediated PKC-ERK/AMPK signaling pathway. <i>Chemosphere</i> , 2022, 288, 132503.	4.2	7
1436	Theoretical and experimental insights into the mechanisms of C6/C6 PFPIA degradation by dielectric barrier discharge plasma. <i>Journal of Hazardous Materials</i> , 2022, 424, 127522.	6.5	16
1437	Per- and polyfluoroalkyl substances in the atmospheric total suspended particles in Karachi, Pakistan: Profiles, potential sources, and daily intake estimates. <i>Chemosphere</i> , 2022, 288, 132432.	4.2	15

#	ARTICLE	IF	CITATIONS
1438	Fluorotelomer Alcohols™ Toxicology Correlates with Oxidative Stress and Metabolism. <i>Reviews of Environmental Contamination and Toxicology</i> , 2020, 256, 71-101.	0.7	0
1440	Transcriptome analysis of 3D primary mouse liver spheroids shows that long-term exposure to hexafluoropropylene oxide trimer acid disrupts hepatic bile acid metabolism. <i>Science of the Total Environment</i> , 2022, 812, 151509.	3.9	13
1441	Perfluorooctane sulfonate (PFOS) triggers migration and invasion of esophageal squamous cell carcinoma cells via regulation of Zeb1. <i>Drug and Chemical Toxicology</i> , 2022, 45, 2804-2813.	1.2	3
1442	Half-lives of several polyfluoroalkyl substances (PFAS) in cattle serum and tissues. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2022, 39, 320-340.	1.1	9
1443	Stability of Per- and Polyfluoroalkyl Substances in Solvents Relevant to Environmental and Toxicological Analysis. <i>Environmental Science & Technology</i> , 2022, 56, 6103-6112.	4.6	27
1444	Global occurrence and probabilistic environmental health hazard assessment of per- and polyfluoroalkyl substances (PFASs) in groundwater and surface waters. <i>Science of the Total Environment</i> , 2022, 816, 151535.	3.9	40
1445	Novel and legacy per- and polyfluoroalkyl substances (PFAS) in freshwater sporting fish from background and firefighting foam impacted ecosystems in Eastern Canada. <i>Science of the Total Environment</i> , 2022, 816, 151563.	3.9	17
1446	Investigation of levels of perfluoroalkyl substances in freshwater fishes collected in a contaminated area of Veneto Region, Italy. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	4
1447	Total oxidisable precursor assay towards selective detection of PFAS in AFFF. <i>Journal of Cleaner Production</i> , 2021, 328, 129568.	4.6	15
1448	Multi-year atmospheric concentrations of per- and polyfluoroalkyl substances (PFASs) at a background site in central Europe. <i>Environmental Pollution</i> , 2020, 265, 114851.	3.7	11
1449	The case for a more precise definition of regulated PFAS. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1834-1838.	1.7	11
1450	Per- and poly-fluoroalkyl substances (PFAS) and female reproductive outcomes: PFAS elimination, endocrine-mediated effects, and disease. <i>Toxicology</i> , 2022, 465, 153031.	2.0	87
1451	Three-dimensional spatial distribution of legacy and novel poly/perfluoroalkyl substances in the Tibetan Plateau soil: Implications for transport and sources. <i>Environment International</i> , 2022, 158, 107007.	4.8	17
1452	Occurrence, Profile, and Potential Risks of Novel and Legacy Polyfluoroalkyl Substances in Bullfrogs: Pilot Study in an Intensive Aquaculture Region, China. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	8
1453	Chemistry, abundance, detection and treatment of per- and polyfluoroalkyl substances in water: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 661-679.	8.3	21
1454	Activated carbon versus metal-organic frameworks: A review of their PFAS adsorption performance. <i>Journal of Hazardous Materials</i> , 2022, 425, 127810.	6.5	88
1455	Model validation and analyses of parameter sensitivity and uncertainty for modeling long-term retention and leaching of PFAS in the vadose zone. <i>Journal of Hydrology</i> , 2021, 603, 127172.	2.3	22
1456	Legacy and emerging organohalogenated compounds in feathers of Eurasian eagle-owls (<i>Bubo bubo</i>) in Norway: Spatiotemporal variations and associations with dietary proxies ($\delta^{13}C$ and $\delta^{15}N$). <i>Environmental Research</i> , 2022, 204, 112372.	3.7	5

#	ARTICLE	IF	CITATIONS
1457	Comparing conventional and emerging adsorbents for per- and polyfluoroalkyl substances: Kinetic, equilibrium, and column experiments. <i>AWWA Water Science</i> , 2021, 3, e1256.	1.0	13
1458	The driving factors of per- and polyfluorinated alkyl substance (PFAS) accumulation in selected fish species: The influence of position in river continuum, fish feed composition, and pollutant properties. <i>Science of the Total Environment</i> , 2022, 816, 151662.	3.9	9
1459	Poly- and Perfluorinated Alkyl Substances in Air and Water from Dhaka, Bangladesh. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 334-342.	2.2	10
1460	Perfluorooctane sulfonate (PFOS) induces several behavioural defects in <i>Caenorhabditis elegans</i> that can also be transferred to the next generations. <i>Chemosphere</i> , 2022, 291, 132896.	4.2	7
1461	A New OECD Definition for Per- and Polyfluoroalkyl Substances. <i>Environmental Science & Technology</i> , 2021, 55, 15575-15578.	4.6	134
1462	State-level material flow analysis suggests the need to reconsider current monitoring practice and mitigation policies for poly- and perfluoroalkyl substances in carpet. <i>Journal of Industrial Ecology</i> , 0, , .	2.8	2
1463	Effects of anionic hydrocarbon surfactant on the transport of perfluorooctanoic acid (PFOA) in natural soils. <i>Environmental Science and Pollution Research</i> , 2022, 29, 24672-24681.	2.7	10
1464	Synthesis, characterization, and formation of self-assembled monolayers of a phosphonic acid bearing a vinylene-bridged fluoroalkyl chain. <i>Applied Surface Science</i> , 2022, 577, 151959.	3.1	3
1465	Bioremediation of Per- and Poly-Fluoroalkyl Substances (PFAS) by <i>Synechocystis</i> sp. PCC 6803: A Chassis for a Synthetic Biology Approach. <i>Life</i> , 2021, 11, 1300.	1.1	9
1466	Per- and Polyfluoroalkyl Substances (PFAS) in Integrated Crop-Livestock Systems: Environmental Exposure and Human Health Risks. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12550.	1.2	33
1467	Electrochemical remediation of perfluoroalkyl substances from water. <i>Electrochimica Acta</i> , 2022, 403, 139635.	2.6	19
1468	Perfluorinated compounds in a river basin from Qinghai-Tibet Plateau: Occurrence, sources and key factors. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 113043.	2.9	8
1469	Transformation and defluorination by nNiFe-activated carbon nanocomposites: PFAS structure and matrix effects. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106901.	3.3	4
1470	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.	4.6	7
1471	Removal of perfluoroalkyl and polyfluoroalkyl substances in water and water/soil slurry using Fe ⁰ -modified reactive activated carbon conjugated with persulfate. <i>Water Environment Research</i> , 2022, 94, e1671.	1.3	4
1472	Effect of Perfluorinated Side-Chain Length on the Morphology, Hydrophobicity, and Stability of Xerogel Coatings. <i>Langmuir</i> , 2021, 37, 14390-14397.	1.6	4
1473	PFAS fate and destruction mechanisms during thermal treatment: a comprehensive review. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 196-208.	1.7	37
1475	Anthropogenic Drivers of Variation in Concentrations of Perfluoroalkyl Substances in Otters (<i>Lutra lutra</i>) from England and Wales. <i>Environmental Science & Technology</i> , 2022, 56, 1675-1687.	4.6	12

#	ARTICLE	IF	CITATIONS
1476	Quantitation of linear and branched perfluoroalkane sulfonic acids (PFASs) in women and infants during pregnancy and lactation. <i>Environment International</i> , 2022, 160, 107065.	4.8	15
1477	Identifying the physicochemical properties of β -cyclodextrin polymers that determine the adsorption of perfluoroalkyl acids. <i>Water Research</i> , 2022, 209, 117938.	5.3	9
1478	Implication of cation-bridging interaction contribution to sorption of perfluoroalkyl carboxylic acids by soils. <i>Chemosphere</i> , 2022, 290, 133224.	4.2	14
1479	Single PFAS and PFAS mixtures affect nuclear receptor- and oxidative stress-related pathways in precision-cut liver slices of Atlantic cod (<i>Gadus morhua</i>). <i>Science of the Total Environment</i> , 2022, 814, 152732.	3.9	20
1480	Absorption and elimination of per and poly-fluoroalkyl substances substitutes in salmonid species after pre-fertilization exposure. <i>Science of the Total Environment</i> , 2022, 814, 152547.	3.9	1
1481	Prenatal and postnatal exposure to emerging and legacy per-/polyfluoroalkyl substances: Levels and transfer in maternal serum, cord serum, and breast milk. <i>Science of the Total Environment</i> , 2022, 812, 152446.	3.9	52
1482	High-pressure membrane filtration processes for separation of Per- and polyfluoroalkyl substances (PFAS). <i>Chemical Engineering Journal</i> , 2022, 431, 134023.	6.6	20
1483	Co-occurrence and correlations of PFASs and chlorinated volatile organic compounds (cVOCs) in subsurface in a fluorochemical industrial park: Laboratory and field investigations. <i>Science of the Total Environment</i> , 2022, 814, 152814.	3.9	6
1484	GenX in water: Interactions and self-assembly. <i>Journal of Hazardous Materials</i> , 2022, 428, 128137.	6.5	13
1485	A review on per- and polyfluorinated alkyl substances (PFASs) in microplastic and food-contact materials. <i>Environmental Research</i> , 2022, 206, 112595.	3.7	30
1486	An introduction to the sources, fate, occurrence and effects of endocrine disrupting chemicals released into the environment. <i>Environmental Research</i> , 2022, 207, 112658.	3.7	81
1487	Per- and polyfluoroalkyl substances (PFAS) in the Three-North Shelter Forest in northern China: First survey on the effects of forests on the behavior of PFAS. <i>Journal of Hazardous Materials</i> , 2022, 427, 128157.	6.5	15
1488	Endocrine disruption by PFAS: A major concern associated with legacy and replacement substances. <i>Arhiv Za Farmaciju</i> , 2021, 71, 429-454.	0.2	3
1489	Functionalized bioadsorbents for removal of perfluoroalkyl substances: A perspective. <i>AWWA Water Science</i> , 2021, 3, .	1.0	8
1490	Mixed effects of perfluoroalkyl and polyfluoroalkyl substances exposure on cognitive function among people over 60 years old from NHANES. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32093-32104.	2.7	8
1491	Investigation of perfluoroalkyl substances in proglacial rivers and permafrost seep in a high Arctic watershed. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 42-51.	1.7	1
1492	Perfluoroalkyl Substances and Abdominal Aortic Calcification. <i>Journal of Occupational and Environmental Medicine</i> , 2022, 64, 287-294.	0.9	3
1493	Toward the Replacement of Long-Chain Perfluoroalkyl Compounds: Perfluoropolyether-Based Low Surface Energy Grafted Nanocoatings. <i>ACS Applied Polymer Materials</i> , 2022, 4, 980-986.	2.0	1

#	ARTICLE	IF	CITATIONS
1494	Recovery, regeneration and sustainable management of spent adsorbents from wastewater treatment streams: A review. <i>Science of the Total Environment</i> , 2022, 822, 153555.	3.9	174
1495	Exposure pathways and bioaccumulation of per- and polyfluoroalkyl substances in freshwater aquatic ecosystems: Key considerations. <i>Science of the Total Environment</i> , 2022, 822, 153561.	3.9	47
1496	Exposure of Preconception Couples to Legacy and Emerging Per- and Polyfluoroalkyl Substances: Variations Within and Between Couples. <i>Environmental Science & Technology</i> , 2022, 56, 6172-6181.	4.6	8
1497	Elucidating Degradation Mechanisms for a Range of Pfas Via Controlled Irradiation Studies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1498	Characterization of Per- and Polyfluorinated Alkyl Substances Present in Commercial Anti-fog Products and Their <i>In Vitro</i> Adipogenic Activity. <i>Environmental Science & Technology</i> , 2022, 56, 1162-1173.	4.6	28
1499	PFAS Molecules: A Major Concern for the Human Health and the Environment. <i>Toxics</i> , 2022, 10, 44.	1.6	93
1500	PFAS Experts Symposium 2: An update on advances in chemical analysis of PFAS. <i>Remediation</i> , 0, , .	1.1	0
1501	A worldwide evaluation of trophic magnification of per- and polyfluoroalkyl substances in aquatic ecosystems. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 1500-1512.	1.6	20
1502	Bioremediation of perfluorochemicals: current state and the way forward. <i>Bioprocess and Biosystems Engineering</i> , 2022, 45, 1093-1109.	1.7	11
1503	Understanding the dynamics of physiological changes, protein expression, and PFAS in wildlife. <i>Environment International</i> , 2022, 159, 107037.	4.8	29
1504	Perfluoroalkyl acids (PFAAs) in urban surface water of Shijiazhuang, China: Occurrence, distribution, sources and ecological risks. <i>Journal of Environmental Sciences</i> , 2023, 125, 185-193.	3.2	8
1505	Combustion of C ₁ and C ₂ PFAS: Kinetic modeling and experiments. <i>Journal of the Air and Waste Management Association</i> , 2022, 72, 256-270.	0.9	23
1506	Fate and transport of perfluorinated compounds in soils and groundwater. , 2022, , 119-163.		0
1507	Sequestration of per- and polyfluoroalkyl substances (PFAS) by adsorption: Surfactant and surface aspects. <i>Current Opinion in Colloid and Interface Science</i> , 2022, 58, 101571.	3.4	22
1508	Total organic fluorine (TOF) analysis by completely converting TOF into fluoride with vacuum ultraviolet. <i>Journal of Hazardous Materials</i> , 2022, 429, 128389.	6.5	5
1509	The impact of legacy and novel perfluoroalkyl substances on human cytochrome P450: An in vitro study on the inhibitory potential and underlying mechanisms. <i>Toxicology</i> , 2022, 468, 153116.	2.0	19
1510	Persistent contaminants of emerging concern in a great lakes urban-dominant watershed. <i>Journal of Great Lakes Research</i> , 2022, 48, 171-182.	0.8	18
1511	Where Is the PFAS? Innovations in PFAS Detection and Characterization. <i>Ground Water Monitoring and Remediation</i> , 2022, 42, 13-23.	0.6	3

#	ARTICLE	IF	CITATIONS
1512	Physical, chemical, and microbial contaminants in food waste management for soil application: A review. <i>Environmental Pollution</i> , 2022, 300, 118860.	3.7	34
1513	Sulfonamide functional head on short-chain perfluorinated substance drives developmental toxicity. <i>IScience</i> , 2022, 25, 103789.	1.9	20
1514	PFAS in soil and groundwater following historical land application of biosolids. <i>Water Research</i> , 2022, 211, 118035.	5.3	70
1515	Simultaneous determination of perfluorooctanoic acid and perfluorooctanesulfonic acid in Korean sera using LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1192, 123138.	1.2	3
1516	Effect of mono- and di-valent cations on PFAS removal from water using foam fractionation – A modelling and experimental study. <i>Separation and Purification Technology</i> , 2022, 286, 120508.	3.9	28
1517	Background release and potential point sources of per- and polyfluoroalkyl substances to municipal wastewater treatment plants across Australia. <i>Chemosphere</i> , 2022, 293, 133657.	4.2	12
1518	Boron-doped diamond electrodes degrade short- and long-chain per- and polyfluorinated alkyl substances in real industrial wastewaters. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107192.	3.3	24
1519	An Overview of the Formation of PFOA and PFOS in Drinking-Water and Wastewater Treatment Processes. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	9
1520	Per- and poly-fluoroalkyl substances in sediments from the water-level-fluctuation zone of the Three Gorges Reservoir, China: Contamination characteristics, source apportionment, and mass inventory and loadings. <i>Environmental Pollution</i> , 2022, 299, 118895.	3.7	3
1521	Sludge-based activated carbon and its application in the removal of perfluoroalkyl substances: A feasible approach towards a circular economy. <i>Chemosphere</i> , 2022, 294, 133707.	4.2	34
1522	In Vitro characterization of the endocrine disrupting effects of per- and poly-fluoroalkyl substances (PFASs) on the human androgen receptor. <i>Journal of Hazardous Materials</i> , 2022, 429, 128243.	6.5	11
1523	Green sorption media for the removal of perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) from water. <i>Science of the Total Environment</i> , 2022, 819, 152886.	3.9	8
1524	Gestational exposure to GenX induces hepatic alterations by the gut-liver axis in maternal mice: A similar mechanism as PFOA. <i>Science of the Total Environment</i> , 2022, 820, 153281.	3.9	18
1525	Responding to incidents of low-level chemical contamination and deliberate contamination in food. , 2022, , 359-377.		0
1526	Batch equilibrium studies on the adsorptive capacity of powdered and pelleted maize tassel to remove PFOA and PFOS from aqueous medium. <i>Emerging Contaminants</i> , 2022, 8, 75-82.	2.2	3
1527	Perfluoroalkyl and Polyfluoroalkyl Substances in Groundwater Used as a Source of Drinking Water in the Eastern United States. <i>Environmental Science & Technology</i> , 2022, 56, 2279-2288.	4.6	48
1528	Microbial biotransformation of aqueous film-forming foam derived polyfluoroalkyl substances. <i>Science of the Total Environment</i> , 2022, 824, 153711.	3.9	20
1529	Degradation of perfluoroalkyl substances using UV/Fe ⁰ system with and without the presence of oxygen. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 2725-2736.	1.2	3

#	ARTICLE	IF	CITATIONS
1530	Pyrolysis processing of PFAS-impacted biosolids, a pilot study. Journal of the Air and Waste Management Association, 2022, 72, 309-318.	0.9	30
1531	Per- and polyfluoroalkyl substances in the environment. Science, 2022, 375, eabg9065.	6.0	396
1532	Sonolysis of per- and poly fluoroalkyl substances (PFAS): A meta-analysis. Ultrasonics Sonochemistry, 2022, 87, 105944.	3.8	22
1533	Method development and evaluation for the determination of perfluoroalkyl and polyfluoroalkyl substances in multiple food matrices. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2022, 39, 752-776.	1.1	3
1534	Recent advances in mass spectrometry analytical techniques for per- and polyfluoroalkyl substances (PFAS). Analytical and Bioanalytical Chemistry, 2022, 414, 2795-2807.	1.9	35
1535	Spatial distribution and load of per- and polyfluoroalkyl substances (PFAS) in background soils in Sweden. Chemosphere, 2022, 295, 133944.	4.2	25
1536	Emerged macrophytes to the rescue: Perfluoroalkyl acid removal from wastewater and spiked solutions. Journal of Environmental Management, 2022, 309, 114703.	3.8	3
1537	A Bad Start in Life? Maternal Transfer of Legacy and Emerging Poly- and Perfluoroalkyl Substances to Eggs in an Arctic Seabird. Environmental Science & Technology, 2022, 56, 6091-6102.	4.6	33
1539	Spatial Distribution and Load of Per- and Polyfluoroalkyl Substances (Pfass) in Background Soils in Sweden. SSRN Electronic Journal, 0, , .	0.4	1
1540	Effect of Solution Chemistry on the Transport of Short-Chain and Long-Chain Perfluoroalkyl Carboxylic Acids (Pfcas) in Saturated Porous Media. SSRN Electronic Journal, 0, , .	0.4	0
1541	Per-/Polyfluoroalkyl Substance Concentrations in Human Serum and Their Associations with Liver Cancer. SSRN Electronic Journal, 0, , .	0.4	0
1542	Perfluorooctane sulfonate and perfluorooctanoic acid. , 2022, , 815-831.		0
1543	Rejection of Perfluorooctanoic Acid (Pfoa) and Perfluorooctane Sulfonate (Pfos) by Severely Chlorine Damaged Ro Membranes with Different Salt Rejection Ratios. SSRN Electronic Journal, 0, , .	0.4	0
1544	Occurrence of per- and polyfluoroalkyl substances in water: a review. Environmental Science: Water Research and Technology, 2022, 8, 1136-1151.	1.2	6
1545	Pharmaceuticals, Benzotriazoles and Polyfluoroalkyl Substances: Impacts and Potential Reduction Measures. , 2022, , 179-196.		0
1546	Pfas as Emerging Pollutants in the Environment: A Challenge with Fau Type and Silver-Fau Exchanged Zeolites for Their Removal from Water. SSRN Electronic Journal, 0, , .	0.4	0
1547	Leaching Potential of Per- and Polyfluoroalkyl Substances from Source Zones with Historic Contamination of Aqueous Film Forming Foam - a Surfactant Mixture Problem. SSRN Electronic Journal, 0, , .	0.4	1
1548	Development of a New On-Line Spe Lc-Hrms Method for the Analysis of Perfluoroalkyl and Polyfluoroalkyl Substances (Pfas) in Pm2.5 and its Application for Screening Atmospheric Particulates from Dublin and Enniscorthy, Ireland. SSRN Electronic Journal, 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
1549	Utilizing Pine Needles to Temporally and Spatially Profile Per- and Polyfluoroalkyl Substances (PFAS). <i>Environmental Science & Technology</i> , 2022, 56, 3441-3451.	4.6	26
1550	Validation of supercritical water oxidation to destroy perfluoroalkyl acids. <i>Remediation</i> , 2022, 32, 75-90.	1.1	15
1551	Reactive-Transport Modeling of Electrochemical Oxidation of Perfluoroalkyl Substances in Porous Flow-through Electrodes. <i>ACS ES&T Engineering</i> , 2022, 2, 713-725.	3.7	9
1552	Evaluation and validation of methodologies for the extraction of per- and polyfluoroalkyl substances (PFASs) in serum of birds and mammals. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3017-3032.	1.9	5
1553	Fish Exhibit Distinct Fluorochemical and $\delta^{15}\text{N}$ Isotopic Signatures in the St. Lawrence River Impacted by Municipal Wastewater Effluents. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	2
1554	Critical Review of UV-Advanced Reduction Processes for the Treatment of Chemical Contaminants in Water. <i>ACS Environmental Au</i> , 2022, 2, 178-205.	3.3	39
1555	Extraction and Matrix Cleanup Method for Analyzing Novel Per- and Polyfluoroalkyl Ether Acids and Other Per- and Polyfluoroalkyl Substances in Fruits and Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4792-4804.	2.4	21
1556	Legacy and Emerging Per- and Polyfluoroalkyl Substances Behave Distinctly in Spatial Distribution and Multimedia Partitioning: A Case Study in the Pearl River, China. <i>Environmental Science & Technology</i> , 2022, 56, 3492-3502.	4.6	22
1557	Cleaning up Forever Chemicals in Construction: Informing Industry Change. <i>Sustainability</i> , 2022, 14, 2854.	1.6	2
1558	Multiphysics Numerical Modeling of Transient Transport of PFAS. , 2022, , .		1
1559	PFAS in drinking water and serum of the people of a southeast Alaska community: A pilot study. <i>Environmental Pollution</i> , 2022, 305, 119246.	3.7	15
1560	Identification of Branched and Linear Forms of PFOA and Potential Precursors: A User-Friendly SMILES Structure-based Approach. <i>Frontiers in Environmental Science</i> , 2022, 10, 1-865488.	1.5	29
1561	Assessment of Reed Grasses (<i>Phragmites australis</i>) Performance in PFAS Removal from Water: A Phytoremediation Pilot Plant Study. <i>Water (Switzerland)</i> , 2022, 14, 946.	1.2	4
1562	Bioaccumulation of Per and Polyfluoroalkyl Substances in Antarctic Breeding South Polar Skuas (<i>Catharacta maccormicki</i>) and Their Prey. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	4
1563	A modular mechanistic framework for estimating exposure to SVOCs: Next steps for modeling emission and partitioning of plasticizers and PFAS. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 356-365.	1.8	7
1564	Review on Per- and Poly-Fluoroalkyl Substances TM (PFASs TM) Pollution Characteristics and Possible Sources in Surface Water and Precipitation of China. <i>Water (Switzerland)</i> , 2022, 14, 812.	1.2	8
1565	The relationship between multiple perfluoroalkyl substances and cardiorespiratory fitness in male adolescents. <i>Environmental Science and Pollution Research</i> , 2022, 29, 53433-53443.	2.7	5
1566	Organic carbon and salinity affect desorption of PFAS from estuarine sediments. <i>Journal of Soils and Sediments</i> , 2022, 22, 1302-1314.	1.5	5

#	ARTICLE	IF	CITATIONS
1567	Elucidating degradation mechanisms for a range of per- and polyfluoroalkyl substances (PFAS) via controlled irradiation studies. <i>Science of the Total Environment</i> , 2022, 832, 154941.	3.9	16
1568	Bioremediation of Perfluoroalkyl Substances (PFAS) by Anaerobic Digestion: Effect of PFAS on Different Trophic Groups and Methane Production Accelerated by Carbon Materials. <i>Molecules</i> , 2022, 27, 1895.	1.7	5
1569	Electrochemical Transformations of Perfluoroalkyl Acid (PFAA) Precursors and PFAAs in Landfill Leachates. <i>ACS ES&T Water</i> , 2022, 2, 624-634.	2.3	12
1570	Assessment of the Emerging Threat Posed by Perfluoroalkyl and Polyfluoroalkyl Substances to Male Reproduction in Humans. <i>Frontiers in Endocrinology</i> , 2021, 12, 799043.	1.5	7
1571	Getting in control of persistent, mobile and toxic (PMT) and very persistent and very mobile (vPvM) substances to protect water resources: strategies from diverse perspectives. <i>Environmental Sciences Europe</i> , 2022, 34, .	2.6	39
1572	Implications of PFAS definitions using fluorinated pharmaceuticals. <i>IScience</i> , 2022, 25, 104020.	1.9	14
1573	Cellular Interactions and Fatty Acid Transporter CD36-Mediated Uptake of Per- and Polyfluorinated Alkyl Substances (PFAS). <i>Chemical Research in Toxicology</i> , 2022, 35, 694-702.	1.7	8
1574	Assembly and Curation of Lists of Per- and Polyfluoroalkyl Substances (PFAS) to Support Environmental Science Research. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	25
1575	Investigation of Adsorption Kinetics for Per- and Poly-fluoroalkyl substances (PFAS) Adsorption onto Powder Activated Carbon (PAC) in the Competing Systems. <i>Water, Air, and Soil Pollution</i> , 2022, 233, 1.	1.1	5
1576	Paper spray-atmospheric pressure photoionization-high resolution mass spectrometry for the direct analysis of neutral fluorinated compounds in waterproof impregnation sprays. <i>Analytica Chimica Acta</i> , 2022, 1204, 339720.	2.6	4
1577	Association between serum per- and polyfluoroalkyl substances concentrations and common cold among children and adolescents in the United States. <i>Environment International</i> , 2022, 164, 107239.	4.8	7
1578	Design and qualification of a bench-scale model for municipal waste-to-energy combustion. <i>Journal of the Air and Waste Management Association</i> , 2022, 72, 849-875.	0.9	0
1579	Release of poly- and perfluoroalkyl substances from finished biosolids in soil mesocosms. <i>Water Research</i> , 2022, 217, 118405.	5.3	21
1580	Electrospun UiO-66-F4/polyacrylonitrile nanofibers for efficient extraction of perfluoroalkyl and polyfluoroalkyl substances in environmental media. <i>Journal of Hazardous Materials</i> , 2022, 430, 128494.	6.5	15
1581	Per- and polyfluoroalkyl substances (PFAS) in drinking water system: Target and non-target screening and removal assessment. <i>Environment International</i> , 2022, 163, 107219.	4.8	32
1582	Biomonitoring of per- and polyfluoroalkyl substances (PFAS) exposure in firefighters: Study design and lessons learned from stakeholder and participant engagement. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 242, 113966.	2.1	3
1583	Per-/polyfluoroalkyl substance concentrations in human serum and their associations with liver cancer. <i>Chemosphere</i> , 2022, 296, 134083.	4.2	21
1584	<i>Juncus sarophorus</i> , a native Australian species, tolerates and accumulates PFOS, PFOA and PFHxS in a glasshouse experiment. <i>Science of the Total Environment</i> , 2022, 826, 154184.	3.9	9

#	ARTICLE	IF	CITATIONS
1585	Systematic developmental toxicity assessment of a structurally diverse library of PFAS in zebrafish. <i>Journal of Hazardous Materials</i> , 2022, 431, 128615.	6.5	26
1586	Perfluorooctane sulfonate induces mitochondrial calcium overload and early hepatic insulin resistance via autophagy/detyrosinated alpha-tubulin-regulated IP3R2-VDAC1-MICU1 interaction. <i>Science of the Total Environment</i> , 2022, 825, 153933.	3.9	15
1587	Emerging technologies for PFOS/PFOA degradation and removal: A review. <i>Science of the Total Environment</i> , 2022, 827, 153669.	3.9	83
1588	Immobilized fungal enzymes: Innovations and potential applications in biodegradation and biosynthesis. <i>Biotechnology Advances</i> , 2022, 57, 107936.	6.0	23
1589	Air-water interfacial adsorption of C4-C10 perfluorocarboxylic acids during transport in unsaturated porous media. <i>Science of the Total Environment</i> , 2022, 831, 154905.	3.9	11
1590	Associations between prenatal exposure to perfluoroalkyl substances, hypomethylation of MEST imprinted gene and birth outcomes. <i>Environmental Pollution</i> , 2022, 304, 119183.	3.7	8
1591	The occurrence, distribution, and risks of PFAS at AFFF-impacted sites in Finland. <i>Science of the Total Environment</i> , 2022, 829, 154237.	3.9	21
1592	Long-term trends of fluorotelomer alcohols in a wastewater treatment plant impacted by textile manufacturing industry. <i>Chemosphere</i> , 2022, 299, 134442.	4.2	5
1593	Design of nanomaterials for the removal of per- and poly-fluoroalkyl substances (PFAS) in water: Strategies, mechanisms, challenges, and opportunities. <i>Science of the Total Environment</i> , 2022, 831, 154939.	3.9	17
1594	Ecotoxicological effects of per- and polyfluoroalkyl substances (PFAS) and of a new PFAS adsorbing organoclay to immobilize PFAS in soils on earthworms and plants. <i>Journal of Hazardous Materials</i> , 2022, 433, 128771.	6.5	14
1595	Spatiotemporal distribution, ecological risk assessment and source analysis of legacy and emerging Per- and Polyfluoroalkyl Substances in the Bohai Bay, China. <i>Chemosphere</i> , 2022, 300, 134378.	4.2	13
1596	A Measure of Strength: Developmental PFAS Exposures and Bone Mineral Content in Adolescence. <i>Environmental Health Perspectives</i> , 2021, 129, 124002.	2.8	3
1598	Mass Balance of Perfluoroalkyl Acids, Including Trifluoroacetic Acid, in a Freshwater Lake. <i>Environmental Science & Technology</i> , 2022, 56, 251-259.	4.6	10
1599	Development and validation of an LC-MS/MS method for the quantitation of 30 legacy and emerging per- and polyfluoroalkyl substances (PFASs) in human plasma, including HFPO-DA, DONA, and cC6O4. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1259-1278.	1.9	18
1600	Combined Use of Total Fluorine and Oxidative Fingerprinting for Quantitative Determination of Side-Chain Fluorinated Polymers in Textiles. <i>Environmental Science and Technology Letters</i> , 2022, 9, 30-36.	3.9	20
1601	Per- and Polyfluoroalkyl Substances in Contaminated Soil and Groundwater at Airports: A Canadian Case Study. <i>Environmental Science & Technology</i> , 2022, 56, 885-895.	4.6	47
1602	Selectivity of Per- and Polyfluoroalkyl Substance Sensors and Sorbents in Water. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 60789-60814.	4.0	39
1603	Recent advances in applications of hybrid natural polymers as adsorbent for perfluorinated compounds removal – review paper. <i>Journal of Polymer Research</i> , 2022, 29, 1.	1.2	4

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1604	Prevalence and Implications of Per- and Polyfluoroalkyl Substances (PFAS) in Settled Dust. <i>Current Environmental Health Reports</i> , 2021, 8, 323-335.	3.2	25
1605	Species- and Tissue-Specific Chronic Toxicity Values for Northern Bobwhite Quail (<i>Colinus) Tj ETQq1 1 0.784314 rgBT /Overloc Sulfonic Acid and Perfluorohexane Sulfonic Acid. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 219-229.	2.2	7
1606	Method for extraction and analysis of per- and poly-fluoroalkyl substances in contaminated asphalt. <i>Analytical Methods</i> , 2022, 14, 1678-1689.	1.3	5
1607	Fate of Per- and Polyfluoroalkyl Substances from Durable Water-Repellent Clothing during Use. <i>Environmental Science & Technology</i> , 2022, 56, 5886-5897.	4.6	19
1608	Removal of perfluoroalkyl acids and dynamic succession of biofilm microbial communities in the decomposition process of emergent macrophytes in wetlands. <i>Science of the Total Environment</i> , 2022, , 155295.	3.9	4
1609	Mothers living with contamination of perfluoroalkyl substances: an assessment of the perceived health risk and self-reported diseases. <i>Environmental Science and Pollution Research</i> , 2022, , .	2.7	2
1610	The occurrence of perfluoroalkyl substances (PFAS) in drinking water in the Czech Republic: a pilot study. <i>Environmental Science and Pollution Research</i> , 2022, 29, 60341-60353.	2.7	10
1611	Quantitative Estimation of Relative Contributions of Direct and Indirect Exposures to Perfluorooctane Sulfonate in Organisms Using the Isomer Profiling Technique. <i>ACS ES&T Water</i> , 0, , .	2.3	1
1612	Phytoremediation prospects of per- and polyfluoroalkyl substances: A review. <i>Environmental Research</i> , 2022, 212, 113311.	3.7	20
1613	Leaching potential of per- and polyfluoroalkyl substances from source zones with historic contamination of aqueous film forming foam - a surfactant mixture problem. <i>Environmental Advances</i> , 2022, 8, 100222.	2.2	4
1614	Per- and polyfluoroalkyl substances and incident diabetes in midlife women: the Study of Women's Health Across the Nation (SWAN). <i>Diabetologia</i> , 2022, 65, 1157-1168.	2.9	17
1615	Tissue-Specific Uptake, Depuration Kinetics, and Suspected Metabolites of Three Emerging Per- and Polyfluoroalkyl Substances (PFASs) in Marine Medaka. <i>Environmental Science & Technology</i> , 2022, 56, 6182-6191.	4.6	20
1616	Nephrotoxicity of perfluorooctane sulfonate (PFOS)â€™ effect on transcription and epigenetic factors. <i>Environmental Epigenetics</i> , 2022, 8, .	0.9	11
1617	Bioaccumulation and Translocation of 6:2 Fluorotelomer Sulfonate, GenX, and Perfluoroalkyl Acids by Urban Spontaneous Plants. <i>ACS ES&T Engineering</i> , 2022, 2, 1169-1178.	3.7	20
1618	Occurrence and fate of Adsorbable Organic Halogens (AOX) in two WWTPs from Romania. <i>Archives of Environmental Contamination and Toxicology</i> , 2022, 82, 592-601.	2.1	1
1619	Effects of co-occurrence of PFASs and chlorinated aliphatic hydrocarbons on microbial communities in groundwater: A field study. <i>Journal of Hazardous Materials</i> , 2022, 435, 128969.	6.5	23
1621	Per- and Polyfluoroalkyl Substances: Background Information with Focus on Modeling of Fate and Transport of Per- and Polyfluoroalkyl Substances in Air Media. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	2
1622	Environmental exposure to legacy poly/perfluoroalkyl substances, emerging alternatives and isomers and semen quality in men: A mixture analysis. <i>Science of the Total Environment</i> , 2022, 833, 155158.	3.9	8

#	ARTICLE	IF	CITATIONS
1623	Electrochemical oxidation processes for PFAS removal from contaminated water and wastewater: fundamentals, gaps and opportunities towards practical implementation. <i>Journal of Hazardous Materials</i> , 2022, 434, 128886.	6.5	28
1625	Development and application of an LC-MS method to the determination of poly- and perfluoroalkyl substances (PFASs) in drinking, sea and surface water samples. <i>Analytical Methods</i> , 2022, 14, 2090-2099.	1.3	7
1626	Biochar and biochar composites for poly- and perfluoroalkyl substances (PFAS) sorption. , 2022, , 555-595.		1
1627	Long-Distance Transport of Per- and Polyfluoroalkyl Substances (Pfas) in a Swedish Drinking Water Aquifer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1628	Medicinal Plants Threatened by Undocumented Emerging Pollutants: The Sub-Saharan African Viewpoint. , 0, , .		0
1629	Early breakthrough of short-chain perfluoroalkyl substances in adsorptive media treatment. <i>Remediation</i> , 2022, 32, 177-193.	1.1	2
1630	The development of diffusive equilibrium, high-resolution passive samplers to measure perfluoroalkyl substances (PFAS) in groundwater. <i>Chemosphere</i> , 2022, 303, 134686.	4.2	6
1631	Iron-Doped Bimodal Mesoporous Silica Nanomaterials as Sorbents for Solid-Phase Extraction of Perfluoroalkyl Substances in Environmental Water Samples. <i>Nanomaterials</i> , 2022, 12, 1441.	1.9	0
1633	Interaction and combined toxicity of microplastics and per- and polyfluoroalkyl substances in aquatic environment. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, .	3.3	23
1634	Acute Toxicity of Eight Aqueous Film-Forming Foams to 14 Aquatic Species. <i>Environmental Science & Technology</i> , 2022, 56, 6078-6090.	4.6	10
1635	Detection and Tertiary Treatment Technologies of Poly-and Perfluoroalkyl Substances in Wastewater Treatment Plants. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	13
1636	Exposure to per- and Polyfluoroalkyl Substances and Markers of Liver Injury: A Systematic Review and Meta-Analysis. <i>Environmental Health Perspectives</i> , 2022, 130, 46001.	2.8	128
1637	Environmental Exposure to 6:2 Polyfluoroalkyl Phosphate Diester and Impaired Testicular Function in Men. <i>Environmental Science & Technology</i> , 2022, 56, 8290-8298.	4.6	8
1638	Select Per- and Polyfluoroalkyl Substances (PFAS) Induce Resistance to Carboplatin in Ovarian Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5176.	1.8	8
1639	Tissue distribution of sodium p-perfluorooctanesulfonate (OBS) in mice via oral exposure. <i>Environment International</i> , 2022, 165, 107289.	4.8	2
1640	Adsorption, Structure, and Dynamics of Short- and Long-Chain PFAS Molecules in Kaolinite: Molecular-Level Insights. <i>Environmental Science & Technology</i> , 2022, 56, 8043-8052.	4.6	30
1641	Pilot-Scale Continuous Foam Fractionation for the Removal of Per- and Polyfluoroalkyl Substances (PFAS) from Landfill Leachate. <i>ACS ES&T Water</i> , 2022, 2, 841-851.	2.3	32
1642	Ultra-Short-Chain PFASs in the Sources of German Drinking Water: Prevalent, Overlooked, Difficult to Remove, and Unregulated. <i>Environmental Science & Technology</i> , 2022, 56, 6380-6390.	4.6	46

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1643	Ammonia recovery from anaerobic digester centrate using onsite pilot scale bipolar membrane electro dialysis coupled to membrane stripping. <i>Water Research</i> , 2022, 218, 118504.	5.3	22
1644	Behaviors of 6:2 fluorotelomer sulfonamide alkylbetaine (6:2 FTAB) in wheat seedlings: Bioaccumulation, biotransformation and ecotoxicity. <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113585.	2.9	9
1645	Rapid quantitative analysis and suspect screening of per-and polyfluorinated alkyl substances (PFASs) in aqueous film-forming foams (AFFFs) and municipal wastewater samples by Nano-ESI-HRMS. <i>Water Research</i> , 2022, 219, 118542.	5.3	12
1646	Occurrence, source apportionment, and pollution assessment of per- and polyfluoroalkyl substances in a river across rural and urban areas. <i>Science of the Total Environment</i> , 2022, 835, 155505.	3.9	12
1647	Fluorine mass balance analysis and per- and polyfluoroalkyl substances in the atmosphere. <i>Journal of Hazardous Materials</i> , 2022, 435, 129025.	6.5	5
1648	PFAS risk propagation terminology in spatial and temporal scales: Risk intensification, risk attenuation, and risk amplification. <i>Science of the Total Environment</i> , 2022, 835, 155503.	3.9	7
1649	Analysis and characterization of novel fluorinated compounds used in surface treatments products. <i>Chemosphere</i> , 2022, 302, 134720.	4.2	6
1650	Removal of PFASs from water by carbon-based composite photocatalysis with adsorption and catalytic properties: A review. <i>Science of the Total Environment</i> , 2022, 836, 155652.	3.9	23
1651	Concentration and distribution of metals, total fluorine, per- and poly-fluoroalkyl substances (PFAS) in vertical soil profiles in industrialized areas. <i>Chemosphere</i> , 2022, 302, 134855.	4.2	14
1652	A new on-line SPE LC-HRMS method for the analysis of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) in PM _{2.5} and its application for screening atmospheric particulates from Dublin and Enniscorthy, Ireland. <i>Science of the Total Environment</i> , 2022, 835, 155496.	3.9	12
1653	Per- and polyfluoroalkyl substances (PFASs) in groundwater from a contaminated site in the North China Plain: Occurrence, source apportionment, and health risk assessment. <i>Chemosphere</i> , 2022, 302, 134873.	4.2	10
1655	Per- and polyfluoroalkyl substances (PFAS) determination in shellfish by liquid chromatography coupled to accurate mass spectrometry. <i>Drug Testing and Analysis</i> , 2022, 14, 1652-1659.	1.6	5
1656	PFAS use in electronic products and exposure risks during handling and processing of e-waste: A review. <i>Journal of Environmental Management</i> , 2022, 316, 115291.	3.8	25
1657	Health-related toxicity of emerging per- and polyfluoroalkyl substances: Comparison to legacy PFOS and PFOA. <i>Environmental Research</i> , 2022, 212, 113431.	3.7	30
1658	Systematic Evidence Map for Over One Hundred and Fifty Per- and Polyfluoroalkyl Substances (PFAS). <i>Environmental Health Perspectives</i> , 2022, 130, 56001.	2.8	36
1659	Comparing the Ecotoxicological Effects of Perfluorooctanoic Acid (PFOA) and Perfluorohexanoic Acid (PFHxA) on Freshwater Microbial Community. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	3
1660	Dermal uptake: An important pathway of human exposure to perfluoroalkyl substances?. <i>Environmental Pollution</i> , 2022, 307, 119478.	3.7	26
1661	Occurrence of per- and polyfluoroalkyl substances (PFAS) in municipal solid waste landfill leachates from western China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 69588-69598.	2.7	6

#	ARTICLE	IF	CITATIONS
1662	Exposure to per- and polyfluoroalkyl substances and body composition in US adolescents aged 12-18 years: an analysis of data from the National Health and Nutrition Examination Surveys 2011-2018. , 2022, 3, 100009.		2
1663	Emerging and Legacy Per- and Polyfluoroalkyl Substances in an Elderly Population in Jinan, China: The Exposure Level, Short-Term Variation, and Intake Assessment. Environmental Science & Technology, 2022, 56, 7905-7916.	4.6	11
1665	Assessment of Bioactive Surfactant Levels in Selected Cereal Products. Applied Sciences (Switzerland), 2022, 12, 5242.	1.3	1
1666	Organic contaminants of emerging concern in global estuaries: Environmental occurrence, fate, and bioavailability. Critical Reviews in Environmental Science and Technology, 2023, 53, 550-575.	6.6	14
1667	Mechanistic Insight into the Photo-Oxidation of Perfluorocarboxylic Acid over Boron Nitride. Environmental Science & Technology, 2022, 56, 8942-8952.	4.6	13
1668	Contaminant Fate and Transport Modeling in Distribution Systems: EPANET-C. Water (Switzerland), 2022, 14, 1665.	1.2	4
1669	Historical and current usage of per- and polyfluoroalkyl substances (PFAS): A literature review. American Journal of Industrial Medicine, 2023, 66, 353-378.	1.0	58
1670	Application of soil amendments for reducing PFAS leachability and bioavailability. Environmental Pollution, 2022, 307, 119498.	3.7	10
1671	Evaluated serum perfluoroalkyl acids and their relationships with the incidence of rheumatoid arthritis in the general population in Hangzhou, China. Environmental Pollution, 2022, 307, 119505.	3.7	3
1672	Capabilities of Bio-Binding, Antioxidant and Intestinal Environmental Repair Jointly Determine the Ability of Lactic Acid Bacteria to Mitigate Perfluorooctane Sulfonate Toxicity. SSRN Electronic Journal, 0, , .	0.4	0
1673	Extraction of chemical structures from literature and patent documents using open access chemistry toolkits: a case study with PFAS. , 2022, 1, 490-501.		11
1674	Biochar from Biomass: A Strategy for Carbon Dioxide Sequestration, Soil Amendment, Power Generation, CO2 Utilization, and Removal of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) in the Environment. , 2022, , 1023-1085.		3
1675	Products, Reactive Species and Mechanisms of Pfoa Degradation in a Self-Pulsing Discharge (Spd) Plasma Reactor. SSRN Electronic Journal, 0, , .	0.4	0
1677	Perfluoroalkylated Compounds in the Eggs and Feathers of Resident and Migratory Seabirds from the Antarctic Peninsula. SSRN Electronic Journal, 0, , .	0.4	0
1678	Per- and polyfluoroalkyl substances (PFAS) exposure in women seeking in vitro fertilization-embryo transfer treatment (IVF-ET) in China: Blood-follicular transfer and associations with IVF-ET outcomes. Science of the Total Environment, 2022, 838, 156323.	3.9	13
1679	Binding of Perfluorooctanoate to Poly(ethylene oxide). Macromolecules, 2022, 55, 4624-4636.	2.2	5
1680	Strengthening Australia's Chemical Regulation. International Journal of Environmental Research and Public Health, 2022, 19, 6673.	1.2	3
1681	Communicating Confidence of Per- and Polyfluoroalkyl Substance Identification via High-Resolution Mass Spectrometry. Environmental Science and Technology Letters, 2022, 9, 473-481.	3.9	61

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1683	Precolumn Derivatization High-Performance Liquid Chromatography for Determination of Perfluorocarboxylic Acids in Catalytic Degradation Solutions. <i>International Journal of Analytical Chemistry</i> , 2022, 2022, 1-8.	0.4	1
1684	Efficient workflow for suspect screening analysis to characterize novel and legacy per- and polyfluoroalkyl substances (PFAS) in biosolids. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4497-4507.	1.9	12
1686	Enhanced removal of per- and polyfluoroalkyl substances by crosslinked polyaniline polymers. <i>Chemical Engineering Journal</i> , 2022, 446, 137246.	6.6	8
1687	Efficient Reductive Defluorination of Branched PFOS by Metal-Porphyrin Complexes. <i>Environmental Science & Technology</i> , 2022, 56, 7830-7839.	4.6	6
1688	Epigenetics at the Intersection of COVID-19 Risk and Environmental Chemical Exposures. <i>Current Environmental Health Reports</i> , 2022, 9, 477-489.	3.2	6
1689	Appraisal of the Position of Water Distribution Systems as a PFAS Exposure Pathway. , 2022, , .		0
1690	EPANET-Câ€™An Umbrella Simulation Tool for Water Distribution System Quality Analysis. , 2022, , .		0
1691	Antioxidant Responses Induced by PFAS Exposure in Freshwater Fish in the Veneto Region. <i>Antioxidants</i> , 2022, 11, 1115.	2.2	7
1692	Assessment of the applicability of the threshold of toxicological concern for per- and polyfluoroalkyl substances. <i>Regulatory Toxicology and Pharmacology</i> , 2022, , 105190.	1.3	3
1693	Rejection of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) by severely chlorine damaged RO membranes with different salt rejection ratios. <i>Chemical Engineering Journal</i> , 2022, 446, 137398.	6.6	12
1694	Effect of solution chemistry on the transport of short-chain and long-chain perfluoroalkyl carboxylic acids (PFCAs) in saturated porous media. <i>Chemosphere</i> , 2022, 303, 135160.	4.2	6
1695	Estimated daily intake of per- and polyfluoroalkyl substances related to different particle size fractions of house dust. <i>Chemosphere</i> , 2022, 303, 135061.	4.2	12
1696	Spatially revealed perfluorooctane sulfonate-induced nephrotoxicity in mouse kidney using atmospheric pressure MALDI mass spectrometry imaging. <i>Science of the Total Environment</i> , 2022, 838, 156380.	3.9	13
1697	Seasonal Trends of Per- and Polyfluoroalkyl Substances in River Water Affected by Fire Training Sites and Wastewater Treatment Plants. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1698	Occurrence, Spatial Distribution, and Sources of Pfass in the Water and Sediment from Lakes in the Tibetan Plateau. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1699	Concentrationâ€™dependent response of soil parameters and functions to trifluoroacetic acid. <i>European Journal of Soil Science</i> , 2022, 73, .	1.8	3
1700	Computational protocol for predicting ¹⁹ F NMR chemical shifts for ^{PFAS} and connection to ^{PFAS} structure. <i>Journal of Computational Chemistry</i> , 2022, 43, 1355-1361.	1.5	4
1701	Association of polyfluoroalkyl substances and allergy in U.S. adolescents: Results from NHANES 2005â€™2006. <i>Journal of Occupational and Environmental Medicine</i> , 0, Publish Ahead of Print, .	0.9	0

#	ARTICLE	IF	CITATIONS
1702	Distribution, transformation and remediation of poly- and per-fluoroalkyl substances (PFAS) in wastewater sources. <i>Chemical Engineering Research and Design</i> , 2022, 164, 91-108.	2.7	48
1703	Bioavailability of inhaled or ingested PFOA adsorbed to house dust. <i>Environmental Science and Pollution Research</i> , 2022, 29, 78698-78710.	2.7	6
1704	A critical review of the application of polymer of low concern regulatory criteria to fluoropolymers II: Fluoroplastics and fluoroelastomers. <i>Integrated Environmental Assessment and Management</i> , 2023, 19, 326-354.	1.6	21
1705	Emissions, Isomer-Specific Environmental Behavior, and Transformation of OBS from One Major Fluorochemical Manufacturing Facility in China. <i>Environmental Science & Technology</i> , 2022, 56, 8103-8113.	4.6	12
1706	Evaluation of occurrence of organic, inorganic, and microbial contaminants in bottled drinking water and comparison with international guidelines: a worldwide review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 55400-55414.	2.7	8
1707	Field-Based Distribution and Bioaccumulation Factors for Cyclic and Aliphatic Per- and Polyfluoroalkyl Substances (PFASs) in an Urban Sedentary Waterbird Population. <i>Environmental Science & Technology</i> , 2022, 56, 8231-8244.	4.6	11
1708	Environmental exposure to per- and polyfluoroalkyl substances and sleep disturbance in pregnant women: A prospective cohort study. <i>Science of the Total Environment</i> , 2022, 842, 156869.	3.9	3
1709	Non-target discovery of emerging PFAS homologues in Dagang Oilfield: Multimedia distribution and profiles in crude oil. <i>Journal of Hazardous Materials</i> , 2022, 437, 129300.	6.5	16
1710	Immunomodulation and exposure to per- and polyfluoroalkyl substances: an overview of the current evidence from animal and human studies. <i>Archives of Toxicology</i> , 2022, 96, 2261-2285.	1.9	12
1711	PFAS and PBDEs in traditional subsistence foods from Sivuqaq, Alaska. <i>Environmental Science and Pollution Research</i> , 2022, 29, 77145-77156.	2.7	6
1712	Mesoscale Modeling of Agglomeration of Molecular Bottlebrushes: Focus on Conformations and Clustering Criteria. <i>Polymers</i> , 2022, 14, 2339.	2.0	4
1713	Effects of perfluoroalkyl and polyfluoroalkyl substances (PFAS) on soil structure and function. <i>Soil Ecology Letters</i> , 2023, 5, 108-117.	2.4	9
1714	Aberrant hepatic lipid metabolism associated with gut microbiota dysbiosis triggers hepatotoxicity of novel PFOS alternatives in adult zebrafish. <i>Environment International</i> , 2022, 166, 107351.	4.8	26
1715	Coupled high and low-frequency ultrasound remediation of PFAS-contaminated soils. <i>Ultrasonics Sonochemistry</i> , 2022, 88, 106063.	3.8	22
1716	Occurrence and contamination profile of legacy and emerging per- and polyfluoroalkyl substances (PFAS) in Belgian wastewater using target, suspect and non-target screening approaches. <i>Journal of Hazardous Materials</i> , 2022, 437, 129378.	6.5	21
1717	Per- and polyfluoroalkyl substance (PFAS) retention by colloidal activated carbon (CAC) using dynamic column experiments. <i>Environmental Pollution</i> , 2022, 308, 119667.	3.7	9
1718	Uptake of individual and mixed per- and polyfluoroalkyl substances (PFAS) by soybean and their effects on functional genes related to nitrification, denitrification, and nitrogen fixation. <i>Science of the Total Environment</i> , 2022, 838, 156640.	3.9	12
1719	Global distributions, source-type dependencies, and concentration ranges of per- and polyfluoroalkyl substances in groundwater. <i>Science of the Total Environment</i> , 2022, 841, 156602.	3.9	35

#	ARTICLE	IF	CITATIONS
1720	Targeted Pfas Analyses and Extractable Organofluorine â€“ Enhancing Our Understanding of the Presence of Unknown Pfas in Norwegian Wildlife. SSRN Electronic Journal, 0, , .	0.4	0
1721	Electric Field Potentially Enhances the Defluorination of 6:2 Fluorotelomer Alcohol (6:2 Ftoh) in Soil Through Increasing the Relative Abundance of Dechloromonas. SSRN Electronic Journal, 0, , .	0.4	0
1722	Fish Tissue Conversion Factors for Mercury, Cadmium, Lead and Nine Per- and Polyfluoroalkyl Substances for Use within Contaminant Monitoring. SSRN Electronic Journal, 0, , .	0.4	0
1723	Wild Boar Livers as Indicators of Different Sources of Contamination by Per- and Polyfluoroalkyl Substances (Pfas) â€“ Comprehensive Target Analysis and Top Assay. SSRN Electronic Journal, 0, , .	0.4	0
1724	Internal extractive electrospray ionization mass spectrometry for investigating the phospholipid dysregulation induced by perfluorooctanoic acid in Nile tilapia. Analyst, The, 2022, 147, 3930-3937.	1.7	3
1725	Perfluoroalkyl substance pollution: detecting and visualizing emerging trends based on CiteSpace. Environmental Science and Pollution Research, 2022, 29, 82786-82798.	2.7	1
1726	Combining target analysis with sum parametersâ€”a comprehensive approach to determine sediment contamination with PFAS and further fluorinated substances. Environmental Science and Pollution Research, 2022, 29, 85802-85814.	2.7	7
1727	Leaching and Transformation of Perfluoroalkyl Acids and Polyfluoroalkyl Phosphate Diesters in Unsaturated Soil Column Studies. Environmental Toxicology and Chemistry, 2022, 41, 2065-2077.	2.2	5
1728	Impacts of perfluorooctanesulfonic acid on plant biometrics and grain metabolomics of wheat (Triticum aestivum L.). Journal of Hazardous Materials Advances, 2022, 7, 100131.	1.2	3
1729	GenX induces fibroinflammatory gene expression in primary human hepatocytes. Toxicology, 2022, 477, 153259.	2.0	13
1730	Predicting Exposure to Perfluorinated Alkyl Substances (PFAS) among US Infants. International Journal of Environmental Research and Public Health, 2022, 19, 8402.	1.2	4
1731	Oysters for legacy and emerging per- and polyfluoroalkyl substances (PFASs) monitoring in estuarine and coastal waters: Phase distribution and bioconcentration profile. Science of the Total Environment, 2022, 846, 157453.	3.9	12
1732	Comparative Hepatotoxicity of a Novel Perfluoroalkyl Ether Sulfonic Acid, Nafion Byproduct 2 (H-PFMO2OSA), and Legacy Perfluorooctane Sulfonate (PFOS) in Adult Male Mice. Environmental Science & Technology, 2022, 56, 10183-10192.	4.6	11
1733	Perfluorooctanoic acid alternatives hexafluoropropylene oxides exert male reproductive toxicity by disrupting blood-testis barrier. Science of the Total Environment, 2022, 846, 157313.	3.9	18
1734	Per- and polyfluoroalkyl substances (PFAS) in sludge from wastewater treatment plants in Sweden â€” First findings of novel fluorinated copolymers in Europe including temporal analysis. Science of the Total Environment, 2022, 846, 157406.	3.9	32
1735	Degradation and Plant Transfer Rates of Seven Fluorotelomer Precursors to Perfluoroalkyl Acids and F-53B in a Soil-Plant System with Maize (<i>Zea mays L</i>.). Journal of Agricultural and Food Chemistry, 2022, 70, 8920-8930.	2.4	12
1736	Photodegradation of per- and polyfluoroalkyl substances in water: A review of fundamentals and applications. Journal of Hazardous Materials, 2022, 439, 129580.	6.5	29
1737	Spatial distribution of per- and polyfluoroalkyl substances (PFAS) in waters from Central and South Florida. Environmental Science and Pollution Research, 2022, 29, 84383-84395.	2.7	3

#	ARTICLE	IF	CITATIONS
1738	Grouping of PFAS for human health risk assessment: Findings from an independent panel of experts. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 134, 105226.	1.3	12
1739	Next generation per- and poly-fluoroalkyl substances: Status and trends, aquatic toxicity, and risk assessment. , 2022, 1, 117-131.		45
1740	Towards Solving the PFAS Problem: The Potential Role of Metal-Organic Frameworks. <i>ChemSusChem</i> , 2022, 15, .	3.6	3
1741	Capabilities of bio-binding, antioxidant and intestinal environmental repair jointly determine the ability of lactic acid bacteria to mitigate perfluorooctane sulfonate toxicity. <i>Environment International</i> , 2022, 166, 107388.	4.8	7
1742	PFAS as emerging pollutants in the environment: A challenge with FAU type and silver-FAU exchanged zeolites for their removal from water. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108026.	3.3	11
1743	Chronic aquatic toxicity of perfluorooctane sulfonic acid (PFOS) to <i>Ceriodaphnia dubia</i> , <i>Chironomus dilutus</i> , <i>Danio rerio</i> , and <i>Hyalella azteca</i> . <i>Ecotoxicology and Environmental Safety</i> , 2022, 241, 113838.	2.9	8
1744	Global patterns and temporal trends of perfluoroalkyl substances in municipal wastewater: A meta-analysis. <i>Water Research</i> , 2022, 221, 118784.	5.3	20
1745	Vermont-wide assessment of anthropogenic background concentrations of perfluoroalkyl substances in surface soils. <i>Journal of Hazardous Materials</i> , 2022, 438, 129479.	6.5	6
1746	Application of photocatalytic ozonation with a WO ₃ /TiO ₂ catalyst for PFAS removal under UVA/visible light. <i>Science of the Total Environment</i> , 2022, 843, 157006.	3.9	20
1747	Perfluoroalkyl acid transformation and mitigation by nNiFe-activated carbon nanocomposites in steady-state flow column studies. <i>Journal of Environmental Sciences</i> , 2023, 127, 678-687.	3.2	2
1748	Interlaboratory Comparison Investigations (ICIs) and External Quality Assurance Schemes (EQUASs) for human biomonitoring of perfluoroalkyl substances (PFASs) in serum as part of the quality assurance programme under HBM4EU. <i>Science of the Total Environment</i> , 2022, 847, 157481.	3.9	12
1749	Adsorption of per- and polyfluoroalkyl substances (PFAS) to containers. <i>Journal of Hazardous Materials Advances</i> , 2022, 7, 100130.	1.2	13
1750	Differences in Trophic Level, Contaminant Load and DNA Damage in an Urban and a Remote Herring Gull (<i>Larus argentatus</i>) Breeding Colony in Coastal Norway. <i>Environmental Toxicology and Chemistry</i> , 0, , .	2.2	1
1751	FindPF ² S: Non-Target Screening for PFASs – Comprehensive Data Mining for MS ² Fragment Mass Differences. <i>Analytical Chemistry</i> , 2022, 94, 10788-10796.	3.2	20
1752	Occurrence and Fate of Ultrashort-Chain and Other Per- and Polyfluoroalkyl Substances (PFAS) in Wastewater Treatment Plants. <i>ACS ES&T Water</i> , 2022, 2, 1380-1390.	2.3	14
1753	Toxicity assessment of historical aqueous film-forming foams (AFFFs) using cell-based assays. <i>Environmental Pollution</i> , 2022, 310, 119806.	3.7	3
1754	Conformational distributions of helical perfluoroalkyl substances and impacts on stability. <i>Journal of Computational Chemistry</i> , 2022, 43, 1656-1661.	1.5	8
1755	Using large amounts of firefighting foams releases per- and polyfluoroalkyl substances (PFAS) into estuarine environments: A baseline study in Latin America. <i>Marine Pollution Bulletin</i> , 2022, 182, 113938.	2.3	8

#	ARTICLE	IF	CITATIONS
1756	Products, Reactive Species and Mechanisms of Pfoa Degradation in a Self-Pulsing Discharge (Spd) Plasma Reactor. SSRN Electronic Journal, 0, , .	0.4	0
1757	Associations between Dietary Profiles and Perfluoroalkyl Acids in Inuit Youth and Adults. SSRN Electronic Journal, 0, , .	0.4	1
1759	Serum perfluoroalkyl and polyfluoroalkyl substance concentrations in four municipal US fire departments. American Journal of Industrial Medicine, 2023, 66, 411-423.	1.0	8
1760	Occurrence and Distribution of Per- and Polyfluoroalkyl Substances from Multi-Industry Sources to Water, Sediments and Plants along Nairobi River Basin, Kenya. International Journal of Environmental Research and Public Health, 2022, 19, 8980.	1.2	6
1761	Commentary: cumulative risk assessment of perfluoroalkyl carboxylic acids and perfluoroalkyl sulfonic acids: what is the scientific support for deriving tolerable exposures by assembling 27 PFAS into 1 common assessment group?. Archives of Toxicology, 2022, 96, 3127-3139.	1.9	4
1762	Perfluorooctanoic acid-induced developmental cardiotoxicity in chicken embryo: Roles of miR-490-5p. Environmental Pollution, 2022, 312, 120022.	3.7	4
1763	Sources, occurrence, and treatment techniques of per- and polyfluoroalkyl substances in aqueous matrices: A comprehensive review. Environmental Research, 2022, 214, 114004.	3.7	6
1764	Comparative toxicokinetics and toxicity of PFOA and its replacement GenX in the early stages of zebrafish. Chemosphere, 2022, 308, 136131.	4.2	14
1765	Exposure to per- and polyfluoroalkyl substances (PFAS) and type 2 diabetes risk. Frontiers in Endocrinology, 0, 13, .	1.5	22
1766	Survey of per- and polyfluoroalkyl substances (PFAS) in surface water collected in Pensacola, FL. Heliyon, 2022, 8, e10239.	1.4	6
1767	Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) in Subsurface Environments: Occurrence, Fate, Transport, and Research Prospect. Reviews of Geophysics, 2022, 60, .	9.0	29
1768	Nanocellulose for Paper and Textile Coating: The Importance of Surface Chemistry. ChemPlusChem, 2022, 87, .	1.3	28
1769	Long-distance transport of per- and polyfluoroalkyl substances (PFAS) in a Swedish drinking water aquifer. Environmental Pollution, 2022, 311, 119981.	3.7	11
1770	Review of Capillary Rise Experiments for Surface-Active Solutes in the Subsurface. Geotechnics, 2022, 2, 706-730.	1.2	4
1771	Detection methods for sub-nanogram level of emerging pollutants “ Per and polyfluoroalkyl substances. Food and Chemical Toxicology, 2022, 168, 113377.	1.8	12
1772	Do PFAS changes in landfill leachate treatment systems correlate with changes in physical chemical parameters?. Waste Management, 2022, 151, 49-59.	3.7	17
1773	Impact of ozone-biologically active filtration on the breakthrough of Perfluoroalkyl acids during granular activated carbon treatment of municipal wastewater effluent. Water Research, 2022, 223, 118988.	5.3	7
1774	Perfluoroalkyl substances in freshwater and marine fish from northern Vietnam: Accumulation levels, profiles, and implications for human consumption. Marine Pollution Bulletin, 2022, 182, 113995.	2.3	4

#	ARTICLE	IF	CITATIONS
1775	Food grown on fire stations as a potential pathway for firefighters's exposure to per- and poly-fluoroalkyl substances (PFAS). <i>Environment International</i> , 2022, 168, 107455.	4.8	8
1776	Supercritical fluid remediation for soil contaminants: Mechanisms, parameter optimization and pilot systems. <i>Journal of Supercritical Fluids</i> , 2022, 189, 105718.	1.6	8
1777	Bioaccumulation and trophic transfer of perfluorinated alkyl substances (PFAS) in marine biota from the Belgian North Sea: Distribution and human health risk implications. <i>Environmental Pollution</i> , 2022, 311, 119907.	3.7	25
1778	Accumulative levels, temporal and spatial distribution of common chemical pollutants in the blood of Chinese adults. <i>Environmental Pollution</i> , 2022, 311, 119980.	3.7	17
1779	Hydroxyl-radical based advanced oxidation processes can increase perfluoroalkyl substances beyond drinking water standards: Results from a pilot study. <i>Science of the Total Environment</i> , 2022, 847, 157577.	3.9	17
1780	Perfluoroalkane substances in national samples from global monitoring plan projects (2017-2019). <i>Chemosphere</i> , 2022, 307, 136038.	4.2	9
1781	Perfluoroalkylated compounds in the eggs and feathers of resident and migratory seabirds from the Antarctic Peninsula. <i>Environmental Research</i> , 2022, 214, 114157.	3.7	7
1782	Perfluoroalkyl substances and lipid concentrations in the blood: A systematic review of epidemiological studies. <i>Science of the Total Environment</i> , 2022, 850, 158036.	3.9	19
1783	Molecular Screening and Toxicity Estimation of 260,000 Perfluoroalkyl and Polyfluoroalkyl Substances (PFASs) through Machine Learning. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 4569-4578.	2.5	11
1784	Drinking Water-Associated PFAS and Fluoroethers and Lipid Outcomes in the GenX Exposure Study. <i>Environmental Health Perspectives</i> , 2022, 130, .	2.8	18
1785	Spatiotemporal patterns of PFAS in water and crop tissue at a beneficial wastewater reuse site in central Pennsylvania. <i>Journal of Environmental Quality</i> , 2022, 51, 1282-1297.	1.0	6
1786	Fatty acid ecological tracers highlight the role of diet in perfluoroalkyl acid contaminant exposure in eggs of an omnivorous bird. <i>Journal of Great Lakes Research</i> , 2022, 48, 1270-1277.	0.8	4
1787	Investigating the cytotoxicity of per- and polyfluoroalkyl substances in HepG2 cells: A structure-activity relationship approach. <i>Toxicology</i> , 2022, 480, 153312.	2.0	21
1788	Physiological and transcriptomic effects of hexafluoropropylene oxide dimer acid in <i>Caenorhabditis elegans</i> during development. <i>Ecotoxicology and Environmental Safety</i> , 2022, 244, 114047.	2.9	8
1789	Comparison and validation of the QuEChERSER mega-method for determination of per- and polyfluoroalkyl substances in foods by liquid chromatography with high-resolution and triple quadrupole mass spectrometry. <i>Analytica Chimica Acta</i> , 2022, 1230, 340400.	2.6	11
1790	Perfluoroalkyl acids (PFAAs) in water along the entire coastal line of China: Spatial distribution, mass loadings, and worldwide comparisons. <i>Environment International</i> , 2022, 169, 107506.	4.8	14
1791	Perfluorooctanoic acid (PFOA) promotes follicular growth and alters expression of genes that regulate the cell cycle and the Hippo pathway in cultured neonatal mouse ovaries. <i>Toxicology and Applied Pharmacology</i> , 2022, 454, 116253.	1.3	3
1792	Optimization and validation of a fast supercritical fluid chromatography tandem mass spectrometry method for the quantitative determination of a large set of PFASs in food matrices and human milk. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1210, 123455.	1.2	4

#	ARTICLE	IF	CITATIONS
1793	Effectiveness of Photocatalysis, Radiolysis, and Ultrasonic Irradiation in the Remediation of GenX: Computational Study of the Ultrasonically Induced Mineralization. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	2
1794	Concentrations of perfluoroalkyl and polyfluoroalkyl substances before and after full-scale landfill leachate treatment. <i>Waste Management</i> , 2022, 153, 110-120.	3.7	18
1795	Seasonal trends of per- and polyfluoroalkyl substances in river water affected by fire training sites and wastewater treatment plants. <i>Chemosphere</i> , 2022, 308, 136467.	4.2	8
1796	Home-produced eggs: An important human exposure pathway of perfluoroalkylated substances (PFAS). <i>Chemosphere</i> , 2022, 308, 136283.	4.2	11
1797	Perfluorooctanoic acid and perfluorooctane sulfonic acid inhibit plant growth through the modulation of phytohormone signalling pathways: Evidence from molecular and genetic analysis in <i>Arabidopsis</i> . <i>Science of the Total Environment</i> , 2022, 851, 158287.	3.9	3
1798	Raman imaging for the identification of Teflon microplastics and nanoplastics released from non-stick cookware. <i>Science of the Total Environment</i> , 2022, 851, 158293.	3.9	14
1799	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.	1.9	14
1800	Microbial plankton responses to perfluoroalkyl acids and their alternatives in the aquatic environment. <i>Journal of Hazardous Materials</i> , 2023, 441, 129980.	6.5	5
1801	Source apportionment of serum PFASs in two highly exposed communities. <i>Science of the Total Environment</i> , 2023, 855, 158842.	3.9	7
1802	A new method for determining PFASs by UHPLC-HRMS (Q-Orbitrap): Application to PFAS analysis of organic and conventional eggs sold in Italy. <i>Food Chemistry</i> , 2023, 401, 134135.	4.2	10
1803	Understanding Aqueous Film-forming Foam Components. , 2022, , 357-387.		1
1804	Use of Vinylidene Fluoride (VDF) Telomers to Obtain Well-architected Fluoropolymers, and Their Applications. , 2022, , 568-613.		0
1805	Estimated Greenhouse Gas Emissions from PFAS Treatment of Maine Drinking Water. <i>Maine Policy Review</i> , 2022, 31, .	0.1	0
1806	Association of Exposure to Perfluoroalkyl Substances and Risk of the Acute Coronary Syndrome: A Case-Control Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1807	Plasma Concentrations of Perfluoroalkyl Acids and Their Determinants in Youth and Adults from Nunavik, Canada. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1808	Effect of biological treatment on perfluoroalkyl and poly-fluoroalkyl substances (PFASs) degradation. , 2022, , 127-144.		0
1809	Distribution of legacy and emerging per- and polyfluoroalkyl substances in riverine and coastal sediments of Southeastern North Carolina, USA. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 2119-2128.	1.7	4
1810	Chemical treatment of per- and poly-fluoroalkyl substances. , 2022, , 159-186.		0

#	ARTICLE	IF	CITATIONS
1811	Per- and poly-fluoroalkyl substances (PFASs) in water and wastewater. , 2022, , 299-333.		0
1812	Distributions and sources of traditional and emerging per- and polyfluoroalkyl substances among multiple environmental media in the Qiantang River watershed, China. RSC Advances, 2022, 12, 21247-21254.	1.7	10
1813	Associations of Perfluoroalkyl Substances with Adipocytokines in Umbilical Cord Serum: A Mixtures Approach. SSRN Electronic Journal, 0, , .	0.4	0
1814	Per- and poly-fluoroalkyl substances (PFASs) in drinking water and related health effects. , 2022, , 71-103.		0
1815	Advances and emerging treatment methods for per- and poly-fluoroalkyl substances. , 2022, , 335-363.		0
1816	The human fecal microbiome contributes to the biotransformation of the PFAS surfactant 8:2 monosubstituted polyfluoroalkyl phosphate ester. Environmental Sciences: Processes and Impacts, 2022, 24, 1758-1768.	1.7	3
1817	Current progress in the environmental analysis of poly- and perfluoroalkyl substances (PFAS). Environmental Science Advances, 2022, 1, 705-724.	1.0	6
1819	Occurrence and effects of per- and poly-fluoroalkyl substances (PFASs) in aquatic environment. , 2022, , 105-125.		0
1820	Per- and poly-fluoroalkyl substances (PFASs): An introduction. , 2022, , 1-14.		0
1821	Poly/Perfluorinated Alkyl Substances (PFASs) â€“ Synthetic Methods, Properties and Applications. , 2022, , 22-65.		1
1822	Occurrence, fate, and persistence of per- and poly-fluoroalkyl substances (PFASs) in drinking water treatment systems. , 2022, , 247-283.		0
1823	A recent overview of per- and polyfluoroalkyl substances (PFAS) removal by functional framework materials. Chemical Engineering Journal, 2023, 452, 139202.	6.6	13
1824	Occurrence, spatial heterogeneity, and risk assessment of perfluoroalkyl acids (PFAAs) in the major rivers of the Tibetan Plateau. Science of the Total Environment, 2023, 856, 159026.	3.9	4
1825	Individual and mixture associations of perfluoroalkyl substances on liver function biomarkers in the Canadian Health Measures Survey. Environmental Health, 2022, 21, .	1.7	16
1827	Photodynamic Priming Overcomes Perâ€•and Polyfluoroalkyl Substance (<sc>PFAS</sc>)â€•Induced Platinum Resistance in Ovarian Cancer^{â€•}. Photochemistry and Photobiology, 2023, 99, 793-813.	1.3	4
1828	Analysis of Specific Perfluorohexane Sulfonate Isomers by Liquid Chromatography-Tandem Mass Spectrometry: Method Development and Application in Source Apportionment. Journal of Analytical Methods in Chemistry, 2022, 2022, 1-11.	0.7	0
1829	Investigation of the Interaction between Human Serum Albumin and Branched Short-Chain Perfluoroalkyl Compounds. Chemical Research in Toxicology, 2022, 35, 2049-2058.	1.7	10
1830	Comprehensive Exposure Studies of Per- and Polyfluoroalkyl Substances in the General Population: Target, Nontarget Screening, and Toxicity Prediction. Environmental Science & Technology, 2022, 56, 14617-14626.	4.6	12

#	ARTICLE	IF	CITATIONS
1831	Assessing Potential Perfluoroalkyl Substances (PFAS) Trophic Transfer to Crickets (<i>Acheta</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742	2.2	1
1832	Epidemiology Evidence for Health Effects of 150 per- and Polyfluoroalkyl Substances: A Systematic Evidence Map. <i>Environmental Health Perspectives</i> , 2022, 130, .	2.8	16
1833	Targeted and Suspect Screening of Per- and Polyfluoroalkyl Substances in Cosmetics and Personal Care Products. <i>Environmental Science & Technology</i> , 2022, 56, 14594-14604.	4.6	23
1834	Per- and polyfluoroalkyl substances (PFAS) and neurobehavioral function and cognition in adolescents (2010–2011) and elderly people (2014): results from the Flanders Environment and Health Studies (FLEHS). <i>Environmental Sciences Europe</i> , 2022, 34, .	2.6	7
1835	Self-Assembly and Transport Behaviour of Non-ionic Fluorinated and Alkylated Amphiphiles for Drug Delivery. <i>ChemistrySelect</i> , 2022, 7, .	0.7	1
1836	Spatial distribution, compositional profile, sources, ecological and human health risks of legacy and emerging per- and polyfluoroalkyl substances (PFASs) in freshwater reservoirs of Punjab, Pakistan. <i>Science of the Total Environment</i> , 2023, 856, 159144.	3.9	9
1837	Exposure of a single wild boar population in North Rhine-Westphalia (Germany) to perfluoroalkyl acids. <i>Environmental Science and Pollution Research</i> , 2023, 30, 15575-15584.	2.7	5
1838	Carbon injection to support in-situ smoldering remediation. <i>Remediation</i> , 2022, 33, 39-51.	1.1	2
1839	Per- and Polyfluoroalkyl Substances in North American School Uniforms. <i>Environmental Science & Technology</i> , 2022, 56, 13845-13857.	4.6	32
1840	Can oral toxicity data for PFAS inform on toxicity via inhalation?. <i>Risk Analysis</i> , 2023, 43, 1533-1538.	1.5	1
1841	Presence and inputs of legacy and novel per- and polyfluoroalkyl substances from rivers and drainage outlets to Liaodong Bay, China. <i>Regional Studies in Marine Science</i> , 2022, 56, 102684.	0.4	0
1842	An Integrated Approach for Determination of Total Per- and Polyfluoroalkyl Substances (PFAS). <i>Environmental Science & Technology</i> , 2022, 56, 14517-14527.	4.6	10
1844	Uptake of per- and polyfluoroalkyl substances (PFAS) by soybean across two generations. <i>Journal of Hazardous Materials Advances</i> , 2022, 8, 100170.	1.2	0
1845	Antibody response to COVID-19 vaccines among workers with a wide range of exposure to per- and polyfluoroalkyl substances. <i>Environment International</i> , 2022, 169, 107537.	4.8	11
1846	Deconstruction and valorisation of a mixture of personal protective equipment using hydrothermal processing. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 115, 583-593.	2.9	1
1847	Release of per- and polyfluoroalkyl substances (PFAS) from a waste management facility fire to an urban creek. <i>Journal of Hazardous Materials Advances</i> , 2022, 8, 100167.	1.2	1
1848	Associations between serum perfluoroalkyl acid (PFAA) concentrations and health related biomarkers in firefighters. <i>Environmental Research</i> , 2022, 215, 114370.	3.7	1
1849	Per- and polyfluoroalkyl substances enhance <i>Staphylococcus aureus</i> pathogenicity and impair host immune response. <i>Environmental Pollution</i> , 2022, 314, 120294.	3.7	1

#	ARTICLE	IF	CITATIONS
1850	Gestational per- and polyfluoroalkyl substances exposure and infant body mass index trajectory in the New Hampshire Birth Cohort Study. <i>Environmental Research</i> , 2022, 215, 114418.	3.7	5
1851	Use and release of per- and polyfluoroalkyl substances (PFASs) in consumer food packaging in U.S. and Canada. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 2032-2042.	1.7	11
1852	Recovery of per- and polyfluoroalkyl substances after solvent evaporation. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 2263-2271.	1.7	1
1853	PhotoTOP: PFAS Precursor Characterization by UV/TiO ₂ Photocatalysis. <i>Environmental Science & Technology</i> , 2022, 56, 15728-15736.	4.6	18
1854	High-Temperature Pyrolysis for Elimination of Per- and Polyfluoroalkyl Substances (PFAS) from Biosolids. <i>Processes</i> , 2022, 10, 2187.	1.3	10
1855	Investigation of the Binding Fraction of PFAS in Human Plasma and Underlying Mechanisms Based on Machine Learning and Molecular Dynamics Simulation. <i>Environmental Science & Technology</i> , 2023, 57, 17762-17773.	4.6	6
1856	Efficient Removal of Perfluorinated Chemicals from Contaminated Water Sources Using Magnetic Fluorinated Polymer Sorbents. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
1857	The Need for Testing Isomer Profiles of Perfluoroalkyl Substances to Evaluate Treatment Processes. <i>Environmental Science & Technology</i> , 2022, 56, 15207-15219.	4.6	15
1858	Occurrence and Risks of Per- and Polyfluoroalkyl Substances in Shellfish. <i>Current Environmental Health Reports</i> , 2022, 9, 591-603.	3.2	3
1859	Adverse <sc>PFAS</sc> effects on mouse oocyte <i>in vitro</i> maturation are associated with carbonâ€chain length and inclusion of a sulfonate group. <i>Cell Proliferation</i> , 2023, 56, .	2.4	6
1860	Analysis of Per- and Poly(fluoroalkyl) Substances (PFASs) in Highly Consumed Seafood Products from U.S. Markets. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 13545-13553.	2.4	20
1861	Towards reproducible structure-based chemical categories for PFAS to inform and evaluate toxicity and toxicokinetic testing. <i>Computational Toxicology</i> , 2022, 24, 100250.	1.8	11
1862	Tools for Understanding and Predicting the Affinity of Per- and Polyfluoroalkyl Substances for Anion-Exchange Sorbents. <i>Environmental Science & Technology</i> , 2022, 56, 15470-15477.	4.6	9
1863	The development and function of the brain barriers â€“ an overlooked consideration for chemical toxicity. <i>Frontiers in Toxicology</i> , 0, 4, .	1.6	3
1864	Efficient Removal of Perfluorinated Chemicals from Contaminated Water Sources Using Magnetic Fluorinated Polymer Sorbents. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
1865	Surfactant-Modified Clay for Adsorption of Mixtures of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous Solutions. , 2023, 1, 394-407.		7
1866	PFAS and Precursor Bioaccumulation in Freshwater Recreational Fish: Implications for Fish Advisories. <i>Environmental Science & Technology</i> , 2022, 56, 15573-15583.	4.6	22
1867	Gestational exposure to perfluoroalkyl substances is associated with placental DNA methylation and birth size. <i>Science of the Total Environment</i> , 2023, 858, 159747.	3.9	7

#	ARTICLE	IF	CITATIONS
1868	Hydrated Electron Degradation of PFOA Laden on Ion-Exchange Resins in the Presence of Natural Organic Matter. <i>ACS ES&T Engineering</i> , 2023, 3, 86-93.	3.7	7
1869	Removal of perfluoroalkyl acids and common drinking water contaminants by weak-base anion exchange resins: Impacts of solution pH and resin properties. <i>Water Research X</i> , 2022, , 100159.	2.8	4
1870	Demonstration of Photocatalytic Degradation of Per- and Polyfluoroalkyl Substances (PFAS) in Landfill Leachate Using 3D Printed TiO ₂ Composite Tiles. <i>Water, Air, and Soil Pollution</i> , 2022, 233, .	1.1	6
1871	The effects of perfluoroalkyl and polyfluoroalkyl substances on female fertility: A systematic review and meta-analysis. <i>Environmental Research</i> , 2023, 216, 114718.	3.7	7
1872	Longitudinal measurements of per- and poly-fluoroalkyl substances (PFAS) in archived human serum samples between 1975 and 1995 in Australia. <i>Journal of Hazardous Materials</i> , 2023, 443, 130307.	6.5	2
1873	Fluorotelomer alcohols are efficiently biotransformed by <i>Cunninghamella elegans</i> . <i>Environmental Science and Pollution Research</i> , 2023, 30, 23613-23623.	2.7	7
1874	Developing an Exposure Burden Score for Chemical Mixtures Using Item Response Theory, with Applications to PFAS Mixtures. <i>Environmental Health Perspectives</i> , 2022, 130, .	2.8	9
1875	Examining the utility of existing chemical hazard paradigms to predict future global-scale environmental impacts from emerging chemicals. <i>Environmental Chemistry</i> , 2022, 19, 254-262.	0.7	1
1876	Evaluation of the Transformation and Leaching Behavior of Two Polyfluoroalkyl Phosphate Diesters in a Field Lysimeter Study. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 14329-14338.	2.4	4
1877	Genotoxicity assessment of per- and polyfluoroalkyl substances mixtures in human liver cells (HepG2). <i>Toxicology</i> , 2022, 482, 153359.	2.0	8
1878	Exposure to a mixture of per-and polyfluoroalkyl substances modulates pulmonary expression of ACE2 and circulating hormones and cytokines. <i>Toxicology and Applied Pharmacology</i> , 2022, 456, 116284.	1.3	2
1879	Plasma concentrations of perfluoroalkyl acids and their determinants in youth and adults from Nunavik, Canada. <i>Chemosphere</i> , 2023, 310, 136797.	4.2	3
1880	Associations between dietary profiles and perfluoroalkyl acids in Inuit youth and adults. <i>Science of the Total Environment</i> , 2023, 857, 159557.	3.9	1
1881	Associations of perfluoroalkyl substances with adipocytokines in umbilical cord serum: A mixtures approach. <i>Environmental Research</i> , 2023, 216, 114654.	3.7	6
1882	Novel method in emerging environmental contaminants detection: Fiber optic sensors based on microfluidic chips. <i>Science of the Total Environment</i> , 2023, 857, 159563.	3.9	7
1883	A juxtaposed review on adsorptive removal of PFAS by metal-organic frameworks (MOFs) with carbon-based materials, ion exchange resins, and polymer adsorbents. <i>Chemosphere</i> , 2023, 311, 136933.	4.2	19
1884	Swimming with PFAS in public and private pools. <i>Chemosphere</i> , 2023, 310, 136765.	4.2	2
1885	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.	6.5	12

#	ARTICLE	IF	CITATIONS
1886	Treatment technologies for removal of per- and polyfluoroalkyl substances (PFAS) in biosolids. <i>Chemical Engineering Journal</i> , 2023, 453, 139964.	6.6	25
1887	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.	1.7	3
1888	Poly- and Perfluoroalkyl Substances (PFAS) in Landfills: Occurrence, Transformation and Treatment. <i>Waste Management</i> , 2023, 155, 162-178.	3.7	7
1889	Hexafluoropropylene oxide trimer acid (HFPO-TA) disturbs embryonic liver and biliary system development in zebrafish. <i>Science of the Total Environment</i> , 2023, 859, 160087.	3.9	4
1890	Fish tissue conversion factors for mercury, cadmium, lead and nine per- and polyfluoroalkyl substances for use within contaminant monitoring. <i>Science of the Total Environment</i> , 2023, 858, 159740.	3.9	3
1891	Brominated flame retardants (PBDEs and HBCDs) and perfluoroalkyl substances (PFASs) in wild boars (<i>Sus scrofa</i>) from Central Italy. <i>Science of the Total Environment</i> , 2023, 858, 159745.	3.9	0
1892	Insight into the uptake and translocation of per- and polyfluoroalkyl substances in hydroponically grown lettuce. <i>Environmental Science and Pollution Research</i> , 2022, 29, 85454-85464.	2.7	5
1893	Trace PFAS Detection in Water Sources Using Silver Nanoparticles for Surface-Enhanced Raman Spectroscopy (SERS). , 2022, , .		1
1894	Plasma PFOA and PFOS Levels, DNA Methylation, and Blood Lipid Levels: A Pilot Study. <i>Environmental Science & Technology</i> , 2022, 56, 17039-17051.	4.6	8
1895	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.	4.6	16
1896	Fast and Sensitive Analysis of Short- and Long-Chain Perfluoroalkyl Substances in Foods of Animal Origin. <i>Molecules</i> , 2022, 27, 7899.	1.7	5
1897	Sublethal Exposure of Per- and Polyfluoroalkyl Substances of Varying Chain Length and Polar Functionality Results in Distinct Metabolic Responses in <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2023, 42, 242-256.	2.2	2
1898	PFAS accumulation in several terrestrial plant and invertebrate species reveals species-specific differences. <i>Environmental Science and Pollution Research</i> , 2023, 30, 23820-23835.	2.7	9
1899	Assessing per- and polyfluoroalkyl substances (PFAS) in sediments and fishes in a large, urbanized estuary and the potential human health implications. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	9
1900	A sensitive and robust method for the simultaneous determination of thirty-three legacy and emerging per- and polyfluoroalkyl substances in human plasma and serum. <i>Analytical and Bioanalytical Chemistry</i> , 2023, 415, 457-470.	1.9	5
1901	Apparent Half-Lives of Chlorinated-Perfluorooctane Sulfonate and Perfluorooctane Sulfonate Isomers in Aviation Firefighters. <i>Environmental Science & Technology</i> , 2022, 56, 17052-17060.	4.6	8
1902	Targeted PFAS analyses and extractable organofluorine “ Enhancing our understanding of the presence of unknown PFAS in Norwegian wildlife. <i>Environment International</i> , 2023, 171, 107640.	4.8	13
1903	Per- and polyfluoroalkyl substances (PFAS)-free aqueous film forming foam formulations: Chemical composition and biodegradation in an aerobic environment. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108953.	3.3	4

#	ARTICLE	IF	CITATIONS
1904	Biota-Sediment Accumulation Factors (BSAFs) for Per- and Polyfluorinated Substances (PFAS). <i>Environmental Toxicology and Chemistry</i> , 0, , .	2.2	2
1905	Critical review on phytoremediation of polyfluoroalkyl substances from environmental matrices: Need for global concern. <i>Environmental Research</i> , 2023, 217, 114844.	3.7	17
1906	Molecular and genetic analyses revealed the phytotoxicity of perfluorobutane sulfonate. <i>Environment International</i> , 2022, 170, 107646.	4.8	3
1907	A review of microbial degradation of per- and polyfluoroalkyl substances (PFAS): Biotransformation routes and enzymes. <i>Science of the Total Environment</i> , 2023, 859, 160010.	3.9	33
1908	The effects of endocrine-disrupting chemicals on ovarian- and ovulation-related fertility outcomes. <i>Molecular Reproduction and Development</i> , 2022, 89, 608-631.	1.0	8
1909	Screening of structural and functional alterations in duckweed (<i>Lemna minor</i>) induced by per- and polyfluoroalkyl substances (PFASs) with FTIR spectroscopy. <i>Environmental Pollution</i> , 2023, 317, 120671.	3.7	4
1910	Semi-volatile Organic Compounds (SVOCs). , 2022, , 99-127.		1
1911	Infant formula and baby food as a source of perfluoroalkyl substances for infants. <i>Environmental Pollution</i> , 2023, 317, 120810.	3.7	2
1912	Behavioural, developmental and reproductive toxicological impacts of perfluorobutanoic acid (PFBA) in <i>Caenorhabditis elegans</i> . <i>Environmental Challenges</i> , 2023, 10, 100662.	2.0	2
1913	Adsorption as a remediation technology for short-chain per- and polyfluoroalkyl substances (PFAS) from water – a critical review. <i>Environmental Science: Water Research and Technology</i> , 0, , .	1.2	2
1914	Targeted Per- and Polyfluoroalkyl substances (PFAS) assessments for high throughput screening: Analytical and testing considerations to inform a PFAS stock quality evaluation framework. <i>Toxicology and Applied Pharmacology</i> , 2023, 459, 116355.	1.3	9
1915	Insights into the per- and polyfluoroalkyl substances-contaminated paper mill processing discharge: Detection, phytotoxicity, bioaccumulative profiling, and health risk verification. <i>Journal of Cleaner Production</i> , 2023, 384, 135478.	4.6	4
1916	EI/IOT of PFCs: Environmental impacts/interactions, occurrences, and toxicities of perfluorochemicals. <i>Environmental Research</i> , 2023, 218, 114707.	3.7	5
1917	Association of exposure to perfluoroalkyl substances and risk of the acute coronary syndrome: A case-control study in Shijiazhuang Hebei Province. <i>Chemosphere</i> , 2023, 313, 137464.	4.2	6
1918	Sampling of freely dissolved per- and polyfluoroalkyl substances (PFAS) in surface water and groundwater using a newly developed passive sampler. <i>Environmental Pollution</i> , 2023, 318, 120940.	3.7	4
1919	Occurrence and removal of per- and polyfluoroalkyl substances (PFAS) in leachates from incineration plants: A full-scale study. <i>Chemosphere</i> , 2023, 313, 137456.	4.2	6
1920	Uptake and translocation of both legacy and emerging per- and polyfluorinated alkyl substances in hydroponic vegetables. <i>Science of the Total Environment</i> , 2023, 862, 160684.	3.9	8
1921	Accumulation and transport of atmospherically deposited PFOA and PFOS in undisturbed soils downwind from a fluoropolymers factory. <i>Environmental Advances</i> , 2023, 11, 100332.	2.2	6

#	ARTICLE	IF	CITATIONS
1922	Ultra-Sensitive and Rapid Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Water. LC-GC North America, 2021, , 74-83.	0.1	0
1923	Key properties governing sorption-desorption behaviour of poly- and perfluoroalkyl substances in saturated and unsaturated soils: a review. Soil Research, 2023, 61, 107-125.	0.6	9
1924	Dispersive Solid-Phase Extraction and Solid-Phase Extraction for ppt-level PFAS Analysis in Apples: A Comparison. Lc-gc Europe, 2022, , 25-27.	0.2	1
1925	ĐšĐžĐœĐŸĐžĐ—Đ~ĐčĐ~ ĐŸĐ•Đ•ĐœĐ'Đ£Đœ(IV) ĐžĐšĐŸĐ~Đ~ĐŸĐ•ĐĐĐčĐžĐĐžĐšĐčĐĐĐŸĐ£Đ•Đ-ĐĐžĐĐĐč: Đ•Đ•ĐšĐčĐĐžĐŸĐŸĐ		
1926	Use of clinical chemistry health outcomes and PFAS chain length to predict 28-day rodent oral toxicity. Toxicology Mechanisms and Methods, 2023, 33, 378-387.	1.3	1
1927	Electrochemical-based approaches for the treatment of forever chemicals: Removal of perfluoroalkyl and polyfluoroalkyl substances (PFAS) from wastewater. Science of the Total Environment, 2023, 861, 160440.	3.9	10
1928	Effect of Sodium Dodecyl Benzene Sulfonate on the Production of Cloud Condensation Nuclei from Breaking Waves. ACS Earth and Space Chemistry, 2022, 6, 2944-2954.	1.2	0
1929	Is the cholesterol-perfluoroalkyl substance association confounded by dietary fiber intake?: a Bayesian analysis of NHANES data with adjustment for measurement error in fiber intake. Environmental Health, 2022, 21, .	1.7	2
1930	The Occurrence and Bioremediation of Emerging Polyfluorinated Compounds in Water Bodies: A Mini Review. Applied Sciences (Switzerland), 2022, 12, 12196.	1.3	1
1931	Elementary Reactions Leading to Perfluoroalkyl Substance Degradation in an Ar⁺/e⁺-⁺ Plasma. Journal of Physical Chemistry A, 2022, 126, 9076-9086.	1.1	2
1932	Isomer-Specific Serum Concentrations of Perfluorooctane Sulfonic Acid among U.S. Adults: Results from the National Health and Nutrition Examination Survey (NHANES) and the Study of Women's Health Across the Nation Multi-Pollutant Study (SWAN-MPS). Environmental Science & Technology, 2023, 57, 385-394.	4.6	5
1933	Aerosol Jet Printed Surface-Enhanced Raman Substrates: Application for High-Sensitivity Detection of Perfluoroalkyl Substances. ACS Omega, 2023, 8, 1597-1605.	1.6	10
1934	Migration mechanism and risk assessment of per- and polyfluoroalkyl substances in the Ya'Er Lake oxidation pond area, China. Journal of Environmental Sciences, 2024, 136, 301-312.	3.2	1
1935	A Review of PFAS Destruction Technologies. International Journal of Environmental Research and Public Health, 2022, 19, 16397.	1.2	24
1936	Association of exposure to per- and polyfluoroalkyl substances with hemoglobin and hematocrit during pregnancy. Ecotoxicology and Environmental Safety, 2022, 248, 114319.	2.9	2
1937	Emerging Contaminants and New POPs (PFAS and HBCDD) in Endangered Southern Resident and Bigg's (Transient) Killer Whales (<i>Orcinus orca</i>): <i>In Utero</i> Maternal Transfer and Pollution Management Implications. Environmental Science & Technology, 2023, 57, 360-374.	4.6	14
1938	Bioaccumulation of per- and polyfluoroalkyl substances by freshwater benthic macroinvertebrates: Impact of species and sediment organic carbon content. Science of the Total Environment, 2023, 866, 161208.	3.9	5
1939	Per- and polyfluoroalkyl substances (PFAS) exposure in melanoma patients: a retrospective study on prognosis and histological features. Environmental Health, 2022, 21, .	1.7	1

#	ARTICLE	IF	CITATIONS
1940	PFAS-induced lipidomic dysregulations and their associations with developmental toxicity in zebrafish embryos. <i>Science of the Total Environment</i> , 2023, 861, 160691.	3.9	12
1941	Plasma and Skin Per- and Polyfluoroalkyl Substance (PFAS) Levels in Dairy Cattle with Lifetime Exposures to PFAS-Contaminated Drinking Water and Feed. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 15945-15954.	2.4	10
1942	Sodium Alginate Immobilized Î²-Cyclodextrin/Multi-walled Carbon Nanotubes as Hybrid Hydrogel Adsorbent for Perfluorinated Compounds Removal. <i>Journal of Polymers and the Environment</i> , 2023, 31, 1895-1914.	2.4	2
1943	Mobilization of Per- and Polyfluoroalkyl Substances (PFAS) in Soils: A Review. <i>Current Pollution Reports</i> , 2022, 8, 422-444.	3.1	5
1944	In silico analysis decodes transthyretin (TTR) binding and thyroid disrupting effects of per- and polyfluoroalkyl substances (PFAS). <i>Archives of Toxicology</i> , 2023, 97, 755-768.	1.9	7
1945	A machine learning approach to elucidating PFOS-induced alterations of repressive epigenetic marks in kidney cancer cells with single-cell imaging. <i>Environmental Advances</i> , 2023, 11, 100344.	2.2	2
1946	Hydrolysis of Poly(fluoroacrylate) Thin Films Synthesized from the Vapor Phase. <i>Langmuir</i> , 2023, 39, 1215-1226.	1.6	2
1947	Evaluation of per- and polyfluoroalkyl substances (PFAS) in leachate, gas condensate, stormwater and groundwater at landfills. <i>Chemosphere</i> , 2023, 318, 137903.	4.2	3
1948	Trace Analysis Method Based on UPLC-MS/MS for the Determination of (C2-C18) Per-and Polyfluoroalkyl Substances and Its Application to Tap Water and Bottled Water. <i>Analytical Chemistry</i> , 0, , .	3.2	0
1949	High-content analysis shows synergistic effects of low perfluorooctanoic acid (PFOS) and perfluorooctane sulfonic acid (PFOA) mixture concentrations on human breast epithelial cell carcinogenesis. <i>Environment International</i> , 2023, 172, 107746.	4.8	12
1950	Embryonic 6:2 FTOH exposure causes reproductive toxicity by disrupting the formation of the blood-testis barrier in offspring mice. <i>Ecotoxicology and Environmental Safety</i> , 2023, 250, 114497.	2.9	3
1951	Isotope Exchange-Based ¹⁸ F-Labeling Methods. <i>Bioconjugate Chemistry</i> , 2023, 34, 140-161.	1.8	6
1952	Bioavailability, phytotoxicity and plant uptake of per-and polyfluoroalkyl substances (PFAS): A review. <i>Journal of Hazardous Materials</i> , 2023, 447, 130805.	6.5	27
1953	EOF and target PFAS analysis in surface waters affected by sewage treatment effluents in Berlin, Germany. <i>Analytical and Bioanalytical Chemistry</i> , 2023, 415, 1195-1204.	1.9	4
1954	PFAS Biotransformation Pathways: A Species Comparison Study. <i>Toxics</i> , 2023, 11, 74.	1.6	12
1955	Influence of microbial weathering on the partitioning of per- and polyfluoroalkyl substances (PFAS) in biosolids. <i>Environmental Sciences: Processes and Impacts</i> , 0, , .	1.7	0
1957	A proposed approach to defining per- and polyfluoroalkyl substances (PFAS) based on molecular structure and formula. <i>Integrated Environmental Assessment and Management</i> , 2023, 19, 1333-1347.	1.6	6
1958	Serum Concentrations of Selected Poly- and Perfluoroalkyl Substances (PFASs) in Pregnant Women and Associations with Birth Outcomes. A Cross-Sectional Study from Southern Malawi. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 1689.	1.2	2

#	ARTICLE	IF	CITATIONS
1959	Rapid Determination of Selected PFAS in Textiles Entering the Waste Stream. <i>Toxics</i> , 2023, 11, 55.	1.6	1
1960	Systematic review and meta-analysis of epidemiologic data on vaccine response in relation to exposure to five principal perfluoroalkyl substances. <i>Environment International</i> , 2023, 172, 107734.	4.8	17
1961	Identification and characterization of diverse isomers of per- and polyfluoroalkyl substances in Chinese municipal wastewater. <i>Water Research</i> , 2023, 230, 119580.	5.3	3
1962	Mechanism for the adsorption of Per- and polyfluoroalkyl substances on kaolinite: Molecular dynamics modeling. <i>Applied Clay Science</i> , 2023, 232, 106804.	2.6	10
1963	Incinerability of PFOA and HFPO-DA: Mechanisms, kinetics, and thermal stability ranking. <i>Chemical Engineering Journal</i> , 2023, 457, 141235.	6.6	14
1964	Phytoremediation of fluoroalkylethers (ether-PFASs): A review on bioaccumulation and ecotoxicological effects. <i>Science of the Total Environment</i> , 2023, 865, 161260.	3.9	2
1965	Per- and polyfluoroalkyl substances (PFAS) inhibit cytochrome P450 CYP3A7 through direct coordination to the heme iron and water displacement. <i>Journal of Inorganic Biochemistry</i> , 2023, 240, 112120.	1.5	5
1966	Perfluoroalkyl substances exposure in firefighters: Sources and implications. <i>Environmental Research</i> , 2023, 220, 115164.	3.7	11
1967	Prenatal perfluoroalkyl substances exposure and maternal sex steroid hormones across pregnancy. <i>Environmental Research</i> , 2023, 220, 115233.	3.7	16
1968	Does contaminant exposure disrupt maternal hormones deposition? A study on per- and polyfluoroalkyl substances in an Arctic seabird. <i>Science of the Total Environment</i> , 2023, 868, 161413.	3.9	1
1969	Estimating industrial process emission and assessing carbon dioxide equivalent of perfluorooctanoic acid (PFOA) and its salts in China. <i>Science of the Total Environment</i> , 2023, 867, 161507.	3.9	4
1970	Review of per- and polyfluoroalkyl substances (PFAS) bioaccumulation in earthworms. <i>Environmental Advances</i> , 2023, 11, 100335.	2.2	5
1971	Triple-stage Quadrupole Mass Spectrometer to Determine Ubiquitously Present Per- and Polyfluorinated Alkyl Substances in Drinking Water at Part Per Trillion Levels Using Solid Phase Extraction Approach. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2023, 110, .	1.3	2
1972	Concentrations of Per- and Polyfluoroalkyl Substances in Paired Maternal Plasma and Human Milk in the New Hampshire Birth Cohort. <i>Environmental Science & Technology</i> , 2023, 57, 463-472.	4.6	13
1973	Solvent-Free, Ambient Temperature and Pressure Destruction of Perfluorosulfonic Acids under Mechanochemical Conditions: Degradation Intermediates and Fluorine Fate. <i>Environmental Science & Technology</i> , 2023, 57, 277-285.	4.6	8
1974	PFAS in the Drinking Water Source: Analysis of the Contamination Levels, Origin and Emission Rates. <i>Water (Switzerland)</i> , 2023, 15, 137.	1.2	5
1975	Perfluorooctanoic acid (PFOA) exposure in relation to the kidneys: A review of current available literature. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	1
1976	Estimated Transfer of Perfluoroalkyl Substances (PFAS) from Maternal Serum to Breast Milk in Women Highly Exposed from Contaminated Drinking Water: A Study in the Ronneby Motherâ€™Child Cohort. <i>Environmental Health Perspectives</i> , 2023, 131, .	2.8	9

#	ARTICLE	IF	CITATIONS
1977	Association between perfluoroalkyl substances exposure and the prevalence of nonalcoholic fatty liver disease in the different sexes: a study from the National Health and Nutrition Examination Survey 2005–2018. <i>Environmental Science and Pollution Research</i> , 2023, 30, 44292-44303.	2.7	7
1978	Different Sources, Fractionation, and Migration of Legacy and Novel Per- and Polyfluoroalkyl Substances between Greenhouse and Open-Field Soils. <i>Environmental Science & Technology</i> , 2023, 57, 1670-1679.	4.6	5
1979	Characteristics, source apportionment and health risk assessment of perfluoroalkyl acids in typical drinking water sources of eastern China. <i>Environmental Science: Water Research and Technology</i> , 0, , .	1.2	0
1980	Calibration of Perfluorinated Alkyl Acid Uptake Rates by a Tube Passive Sampler in Water. <i>ACS ES&T Water</i> , 2023, 3, 332-341.	2.3	6
1981	Toxicity of per- and polyfluoroalkyl substances to aquatic vertebrates. <i>Frontiers in Environmental Science</i> , 0, 11, .	1.5	5
1982	Red Blood Cell Folate Modifies the Association between Serum Per- and Polyfluoroalkyl Substances and Antibody Concentrations in U.S. Adolescents. <i>Environmental Science & Technology</i> , 0, , .	4.6	4
1983	Effects of physicochemical properties and co-existing zinc agrochemicals on the uptake and phytotoxicity of PFOA and GenX in lettuce. <i>Environmental Science and Pollution Research</i> , 2023, 30, 43833-43842.	2.7	4
1984	Perstraction: A Membrane-Assisted Liquid–Liquid Extraction of PFOA from Water. <i>Processes</i> , 2023, 11, 217.	1.3	1
1985	Anion Exchange Resin and Inorganic Anion Parameter Determination for Model Validation and Evaluation of Unintended Consequences during PFAS Treatment. <i>ACS ES&T Water</i> , 2023, 3, 576-587.	2.3	5
1986	Comprehensive target analysis and TOP assay of per- and polyfluoroalkyl substances (PFAS) in wild boar livers indicate contamination hot-spots in the environment. <i>Science of the Total Environment</i> , 2023, 871, 162028.	3.9	9
1987	Per- and polyfluoroalkyl substances (PFAS) distribution in landfill gas collection systems: leachate and gas condensate partitioning. <i>Journal of Hazardous Materials</i> , 2023, 448, 130926.	6.5	10
1988	Foam fractionation for removal of per- and polyfluoroalkyl substances: Towards closing the mass balance. <i>Science of the Total Environment</i> , 2023, 871, 162050.	3.9	9
1989	Will the Fluorine-Free Textiles Cover us from the Rain and Dirt in the Future?: A Review on Current Water Repellent and Stain Resistant Durable Water Repellents for Textiles. <i>Science of Advanced Materials</i> , 2022, 14, 1654-1669.	0.1	3
1991	Evaluating the Performance of Novel Cyclodextrin Polymer Granules to Remove Perfluoroalkyl Acids (PFAAs) from Water. <i>ACS ES&T Engineering</i> , 2023, 3, 661-670.	3.7	5
1992	Per- and Polyfluoroalkyl Substances in Canadian Fast Food Packaging. <i>Environmental Science and Technology Letters</i> , 2023, 10, 343-349.	3.9	19
1993	Per- and Polyfluoroalkyl Substances and Outcomes Related to Metabolic Syndrome: A Review of the Literature and Current Recommendations for Clinicians. <i>American Journal of Lifestyle Medicine</i> , 0, , 155982762311628.	0.8	4
1994	Inhibition of human sulfotransferases (SULTs) by per- and polyfluoroalkyl substances (PFASs) and structure-activity relationship. <i>Food and Chemical Toxicology</i> , 2023, 174, 113664.	1.8	2
1995	Prenatal exposure to perfluoroalkyl substances and child intelligence quotient: Evidence from the Shanghai birth cohort. <i>Environment International</i> , 2023, 174, 107912.	4.8	4

#	ARTICLE	IF	CITATIONS
1996	Opportunities for in situ electro-regeneration of organic contaminant-laden carbonaceous adsorbents. <i>Water Research</i> , 2023, 232, 119718.	5.3	12
1997	Perfluoroethylcyclohexane sulphonate, an emerging perfluoroalkyl substance, disrupts mitochondrial membranes and the expression of key molecular targets in vitro. <i>Aquatic Toxicology</i> , 2023, 257, 106453.	1.9	0
1998	Inadequate definition of the limit of quantification used for the analysis of perfluoroalkyl substances in food by liquid chromatography-tandem mass spectrometry may compromise the reliability of the data requested by the European regulation. <i>Rapid Communications in Mass Spectrometry</i> , 2023, 37, .	0.7	1
1999	Effects of PFOS and cyclophosphamide exposure on immune homeostasis in mice. <i>Immunobiology</i> , 2023, 228, 152356.	0.8	1
2000	Toxicity of perfluorobutanesulfonate on gill functions of marine medaka (<i>Oryzias melastigma</i>): A time course and hypoxia co-exposure study. <i>Science of the Total Environment</i> , 2023, 872, 162297.	3.9	1
2001	Molecular framework for designing Fluoroclay with enhanced affinity for per- and polyfluoroalkyl substances. <i>Water Research X</i> , 2023, 19, 100175.	2.8	3
2002	Enhanced adsorption of short-chain perfluorobutanoic acid by functionalized periodic mesoporous organosilica: Performance and mechanisms. <i>Journal of Hazardous Materials</i> , 2023, 449, 131047.	6.5	8
2003	Per- and polyfluoroalkyl substances (PFAS) in surface sediments: Occurrence, patterns, spatial distribution and contribution of unattributed precursors in French aquatic environments. <i>Science of the Total Environment</i> , 2023, 874, 162493.	3.9	5
2004	Spatio-temporal trends in livestock exposure to per- and polyfluoroalkyl substances (PFAS) inform risk assessment and management measures. <i>Environmental Research</i> , 2023, 225, 115518.	3.7	4
2005	Sources, occurrence and toxic effects of emerging per- and polyfluoroalkyl substances (PFAS). <i>Neurotoxicology and Teratology</i> , 2023, 97, 107174.	1.2	20
2006	Transport behavior difference and transport model of long- and short-chain per- and polyfluoroalkyl substances in underground environmental media: A review. <i>Environmental Pollution</i> , 2023, 327, 121579.	3.7	2
2007	Putative adverse outcome pathways of the male reproductive toxicity derived from toxicological studies of perfluoroalkyl acids. <i>Science of the Total Environment</i> , 2023, 873, 162439.	3.9	3
2008	Improved total organic fluorine methods for more comprehensive measurement of PFAS in industrial wastewater, river water, and air. <i>Water Research</i> , 2023, 235, 119859.	5.3	3
2009	Molecularly imprinted polymers for per- and polyfluoroalkyl substances enrichment and detection. <i>Talanta</i> , 2023, 258, 124434.	2.9	6
2010	Liver and cardiometabolic markers and conditions in a cross-sectional study of three Australian communities living with environmental per- and polyfluoroalkyl substances contamination. <i>Environmental Research</i> , 2023, 226, 115621.	3.7	1
2011	Association between early-childhood exposure to perfluoroalkyl substances and ADHD symptoms: A prospective cohort study. <i>Science of the Total Environment</i> , 2023, 879, 163081.	3.9	3
2012	Perfluorooctanoic acid induces cell death in TM3 cells via the ER stress-mitochondrial apoptosis pathway. <i>Reproductive Toxicology</i> , 2023, 118, 108383.	1.3	2
2013	Differences in the internal PFAS patterns of herbivores, omnivores and carnivores - lessons learned from target screening and the total oxidizable precursor assay. <i>Science of the Total Environment</i> , 2023, 875, 162361.	3.9	4

#	ARTICLE	IF	CITATIONS
2014	The unheeded inherent connections and overlap between microplastics and poly- and perfluoroalkyl substances: A comprehensive review. <i>Science of the Total Environment</i> , 2023, 878, 163028.	3.9	10
2015	Immobilization of per- and polyfluoroalkyl substances (PFAS): Comparison of leaching behavior by three different leaching tests. <i>Science of the Total Environment</i> , 2023, 876, 162588.	3.9	2
2016	Bile acid metabolism disorder mediates hepatotoxicity of Nafion by-product 2 and perfluorooctane sulfonate in male PPAR1 α -KO mice. <i>Science of the Total Environment</i> , 2023, 876, 162579.	3.9	4
2017	Trophic behaviors of PFOA and its alternatives perfluoroalkyl ether carboxylic acids (PFECAs) in a coastal food web. <i>Journal of Hazardous Materials</i> , 2023, 452, 131353.	6.5	13
2018	Transcriptomic effects of Perfluoroalkyl acids on the adipose tissue of a songbird species at environmentally relevant concentrations. <i>Environmental Pollution</i> , 2023, 327, 121478.	3.7	1
2019	Up in the air: Polyfluoroalkyl phosphate esters (PAPs) in airborne dust captured by air conditioning (AC) filters. <i>Chemosphere</i> , 2023, 325, 138307.	4.2	5
2020	Per- and polyfluoroalkyl substances in marine organisms along the coast of China. <i>Science of the Total Environment</i> , 2023, 876, 162492.	3.9	1
2021	Degradation of 8:2 fluorotelomer carboxylic acid (8:2 FTCA) by plants and their co-existing microorganisms. <i>Journal of Hazardous Materials</i> , 2023, 451, 131129.	6.5	4
2022	The universe of fluorinated polymers and polymeric substances and potential environmental impacts and concerns. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2023, 41, 100795.	3.2	6
2023	Ecological characteristics impact PFAS concentrations in a U.S. North Atlantic food web. <i>Science of the Total Environment</i> , 2023, 880, 163302.	3.9	2
2024	Relationships between per- and polyfluoroalkyl substances (PFAS) and physical-chemical parameters in aqueous landfill samples. <i>Chemosphere</i> , 2023, 329, 138541.	4.2	2
2025	Concentrations and isomer profiles of perfluoroalkyl carboxylates in house rats (<i>Rattus norvegicus</i>) and human blood: Implication for human exposure sources. <i>Science of the Total Environment</i> , 2023, 881, 163431.	3.9	2
2026	Tailored wettability in fluorinated carbon nanoparticles synthesized from fluorotelomer alcohols. <i>Applied Surface Science</i> , 2023, 626, 157136.	3.1	2
2027	Nonlethal detection of PFAS bioaccumulation and biomagnification within fishes in an urban- and wastewater-dominant Great Lakes watershed. <i>Environmental Pollution</i> , 2023, 321, 121123.	3.7	5
2028	The influence of environmental and ecological factors on the accumulation and distribution of short- and long-chain perfluoroalkyl acids in a mid-trophic avian insectivore. <i>Environmental Pollution</i> , 2023, 321, 121133.	3.7	1
2029	PFO5DoDA disrupts hepatic homeostasis primarily through glucocorticoid signaling inhibition. <i>Journal of Hazardous Materials</i> , 2023, 447, 130831.	6.5	5
2030	First indication of perfluoroalkyl substances in human serum from Papua New Guinea. <i>Science of the Total Environment</i> , 2023, 870, 161749.	3.9	2
2031	High-resolution temporal wastewater treatment plant investigation to understand influent mass flux of per- and polyfluoroalkyl substances (PFAS). <i>Journal of Hazardous Materials</i> , 2023, 447, 130854.	6.5	14

#	ARTICLE	IF	CITATIONS
2032	Development of novel fluor mop materials for remediation of perfluoroalkyl substances (PFAS) from groundwater. <i>Journal of Hazardous Materials</i> , 2023, 448, 130853.	6.5	3
2033	Modeling the kinetics of perfluorooctanoic and perfluorooctane sulfonic acid biodegradation by <i>Acidimicrobium</i> sp. Strain A6 during the feammox process. <i>Journal of Hazardous Materials</i> , 2023, 448, 130903.	6.5	3
2034	Penetration of Perfluorooctanesulfonate Isomers and Their Alternatives from Maternal Blood to Milk and Its Associations with Chemical Properties and Milk Primary Components. <i>Environmental Science & Technology</i> , 2023, 57, 2457-2463.	4.6	3
2035	Adsorption of a PFAS Utilizing MOF-808: Development of an Undergraduate Laboratory Experiment in a Capstone Course. <i>Journal of Chemical Education</i> , 2023, 100, 861-868.	1.1	4
2036	Transport and transformation of perfluoroalkyl acids, isomer profiles, novel alternatives and unknown precursors from factories to dinner plates in China: New insights into crop bioaccumulation prediction and risk assessment. <i>Environment International</i> , 2023, 172, 107795.	4.8	6
2037	Neutral Per- and Polyfluoroalkyl Substances in <i>In Situ</i> Landfill Gas by Thermal Desorption-Gas Chromatography-Mass Spectrometry. <i>Environmental Science and Technology Letters</i> , 2023, 10, 214-221.	3.9	9
2038	Current and emerging analytical techniques for the determination of PFAS in environmental samples. <i>Trends in Environmental Analytical Chemistry</i> , 2023, 37, e00198.	5.3	16
2039	Occurrence of quantifiable and semi-quantifiable poly- and perfluoroalkyl substances in united states wastewater treatment plants. <i>Water Research</i> , 2023, 233, 119724.	5.3	11
2040	A Scoping Assessment of Implemented Toxicokinetic Models of Per- and Polyfluoro-Alkyl Substances, with a Focus on One-Compartment Models. <i>Toxics</i> , 2023, 11, 163.	1.6	4
2041	Occurrence, Fate, and Related Health Risks of PFAS in Raw and Produced Drinking Water. <i>Environmental Science & Technology</i> , 2023, 57, 3062-3074.	4.6	20
2042	The Atmospheric Pollution Characteristics and Health Risk Assessment of Perfluorohexane Sulfonic Acid in Beijing. <i>Atmosphere</i> , 2023, 14, 365.	1.0	0
2043	Legacy and emerging per- and polyfluoroalkyl substances suppress the neutrophil respiratory burst. <i>Journal of Immunotoxicology</i> , 2023, 20, .	0.9	8
2044	Sorptive removal of short-chain perfluoroalkyl substances (PFAS) during drinking water treatment using activated carbon and anion exchanger. <i>Environmental Sciences Europe</i> , 2023, 35, .	11.0	17
2045	Blood transcriptome responses to PFOA and GenX treatment in the marsupial biomedical model <i>Monodelphis domestica</i> . <i>Frontiers in Genetics</i> , 0, 14, .	1.1	0
2047	Polyethyleneimine functionalized cellulose-rich agroforestry residues for removing perfluorooctanoic acid: adsorption performance and mechanism. <i>Cellulose</i> , 2023, 30, 3653-3666.	2.4	4
2048	Concentrations and distributions of fluorotelomer alcohols and perfluoroalkane sulfonamido substances in the atmosphere in the Pearl River Delta, China. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2023, 58, 183-190.	0.9	1
2049	The use of gas chromatography - high resolution mass spectrometry for suspect screening and non-targeted analysis of per- and polyfluoroalkyl substances. <i>Journal of Chromatography A</i> , 2023, 1693, 463884.	1.8	7
2050	Exposure to high levels of PFAS through drinking water is associated with increased risk of type 2 diabetes findings from a register-based study in Ronneby, Sweden. <i>Environmental Research</i> , 2023, 225, 115525.	3.7	5

#	ARTICLE	IF	CITATIONS
2051	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.	0.9	3
2052	Hexafluoropropylene oxide tetramer acid (HFPO-TeA)-induced developmental toxicities in chicken embryo: Peroxisome proliferator-activated receptor Alpha (PPAR α) is involved. <i>Ecotoxicology and Environmental Safety</i> , 2023, 253, 114671.	2.9	3
2053	Consideration of pathways for immunotoxicity of per- and polyfluoroalkyl substances (PFAS). <i>Environmental Health</i> , 2023, 22, .	1.7	38
2054	High-Throughput Screening of ToxCast PFAS Chemical Library for Potential Inhibitors of the Human Sodium Iodide Symporter. <i>Chemical Research in Toxicology</i> , 2023, 36, 380-389.	1.7	6
2055	Determination of 21 per- and poly-fluoroalkyl substances in paper- and cardboard-based food contact materials by ultra-high-performance liquid chromatography coupled to high-resolution mass spectrometry. <i>Analytical Methods</i> , 2023, 15, 1559-1568.	1.3	2
2056	Extreme UV Resist Exhibiting Synergism between Chemical and Physical Crosslinking Mechanisms. <i>Langmuir</i> , 2023, 39, 3462-3470.	1.6	1
2057	Maternal per- and poly-fluoroalkyl substances exposure and child adiposity measures: A birth cohort study. <i>Ecotoxicology and Environmental Safety</i> , 2023, 253, 114684.	2.9	2
2058	Phytoscreening for Per- and Polyfluoroalkyl Substances at a Contaminated Site in Germany. <i>Environmental Science & Technology</i> , 2023, 57, 4122-4132.	4.6	3
2059	Acute Exposure of Zebrafish (<i>Danio rerio</i>) to the Next-Generation Perfluoroalkyl Substance, Perfluoroethylcyclohexanesulfonate, Shows Similar Effects as Legacy Substances. <i>Environmental Science & Technology</i> , 2023, 57, 4199-4207.	4.6	1
2060	Synthesis of Fluoro-Bridged Ho ³⁺ and Gd ³⁺ 1,3,5-Tris(4-carboxyphenyl)benzene Metal-Organic Frameworks from Perfluoroalkyl Substances. <i>Inorganic Chemistry</i> , 2023, 62, 4314-4321.	1.9	5
2061	A New CSRML Structure-Based Fingerprint Method for Profiling and Categorizing Per- and Polyfluoroalkyl Substances (PFAS). <i>Chemical Research in Toxicology</i> , 2023, 36, 508-534.	1.7	6
2062	Emerging and Legacy Perfluoroalkyl Substances in Breastfed Chinese Infants: Renal Clearance, Body Burden, and Implications. <i>Environmental Health Perspectives</i> , 2023, 131, .	2.8	13
2063	Application of nano-LC “ nano-ESI “ Orbitrap-MS for trace determination of four priority PFAS in food products considering recently established tolerable weekly intake (TWI) limits. <i>Analytica Chimica Acta</i> , 2023, 1251, 341027.	2.6	6
2064	Human exposure to per- and polyfluoroalkyl substances and other emerging contaminants in drinking water. <i>Npj Clean Water</i> , 2023, 6, .	3.1	8
2065	Association of perfluoroalkyl substances with pulmonary function in adolescents (NHANES) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182 T	2.7	1
2066	Total Oxidizable Precursor (TOP) Assay “Best Practices, Capabilities and Limitations for PFAS Site Investigation and Remediation. <i>Environmental Science and Technology Letters</i> , 2023, 10, 292-301.	3.9	13
2067	Accurate prediction by AlphaFold2 for ligand binding in a reductive dehalogenase and implications for PFAS (per- and polyfluoroalkyl substance) biodegradation. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
2068	Evaluating Neutral PFAS for Potential Dermal Absorption from the Gas Phase. <i>Environmental Science & Technology</i> , 2023, 57, 4951-4958.	4.6	9

#	ARTICLE	IF	CITATIONS
2069	Electrochemical Oxidation for Treatment of PFAS in Contaminated Water and Fractionated Foamâ”€A Pilot-Scale Study. ACS ES&T Water, 2023, 3, 1201-1211.	2.3	10
2070	Using tunable infrared laser direct absorption spectroscopy for ambient hydrogen chloride detection: HCl-TILDAS. Atmospheric Measurement Techniques, 2023, 16, 1407-1429.	1.2	0
2071	Occurrence of per- and polyfluoroalkyl substances (PFAS): A special reference to their monitoring, distribution, and environmental fate. , 2023, , 173-202.		1
2072	Per- and polyfluoroalkyl substances. , 2023, , 169-228.		1
2074	Variations of the Level, Profile, and Distribution of PFAS around POSF Manufacturing Facilities in China: An Overlooked Source of PFCA. Environmental Science & Technology, 2023, 57, 5264-5274.	4.6	6
2075	Gut Microbiome-Host Metabolome Homeostasis upon Exposure to PFOS and GenX in Male Mice. Toxics, 2023, 11, 281.	1.6	6
2076	Imparting Selective Fluorophilic Interactions in Redox Copolymers for the Electrochemically Mediated Capture of Short-Chain Perfluoroalkyl Substances. Journal of the American Chemical Society, 2023, 145, 9508-9519.	6.6	16
2077	Perfluorooctanoic acid. , 2024, , 367-376.		0
2078	Role of Mineralâ”€Organic Interactions in PFAS Retention by AFFF-Impacted Soil. Environmental Science & Technology, 2023, 57, 5231-5242.	4.6	7
2079	Characterization of PFAS air emissions from thermal application of fluoropolymer dispersions on fabrics. Journal of the Air and Waste Management Association, 2023, 73, 533-552.	0.9	2
2080	Fluoropolymers: A special class of per- and polyfluoroalkyl substances (PFASs) essential for our daily life. Journal of Fluorine Chemistry, 2023, 267, 110117.	0.9	10
2081	Development of a new matrix-certified reference material for accurate measurement of PFOA and PFOS in oyster meat powder. Microchemical Journal, 2023, 190, 108673.	2.3	0
2082	Firefightersâ”™ exposure to per-and polyfluoroalkyl substances (PFAS) as an occupational hazard: A review. Frontiers in Materials, 0, 10, .	1.2	5
2083	Longer-term temporal trends in PFAS concentrations in Midwestern landfill leachate. Waste Management and Research, 0, , 0734242X2311600.	2.2	2
2084	Unwanted Ingredientsâ”™Highly Specific and Sensitive Method for the Extraction and Quantification of PFAS in Everyday Foods. Food Analytical Methods, 2023, 16, 857-866.	1.3	1
2085	Uptake of Per- and Polyfluoroalkyl Substances by Fish, Mussel, and Passive Samplers in Mobile-Laboratory Exposures Using Groundwater from a Contamination Plume at a Historical Fire Training Area, Cape Cod, Massachusetts. Environmental Science & Technology, 2023, 57, 5544-5557.	4.6	6
2087	Tissue Bioconcentration Pattern and Biotransformation of Per-Fluorooctanoic Acid (PFOA) in Cyprinus carpio (European Carp)â”™An Extensive In Vivo Study. Foods, 2023, 12, 1423.	1.9	3
2088	Occupational exposure to per- and polyfluoroalkyl substances: a scope review of the literature from 1980â”€2021. Journal of Exposure Science and Environmental Epidemiology, 2023, 33, 673-686.	1.8	3

#	ARTICLE	IF	CITATIONS
2089	Sources, Fate, and Detection of Dust-Associated Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS): A Review. <i>Toxics</i> , 2023, 11, 335.	1.6	2
2090	Field Evaluation of the Sentinel [®] Integrative Passive Sampler for the Measurement of Perfluoroalkyl and Polyfluoroalkyl Substances in Water Using a Modified Organosilica Adsorbent. <i>Ground Water Monitoring and Remediation</i> , 0, , .	0.6	1
2091	Perfluoroalkyl substances in Baltic fish – the risk to consumers. <i>Environmental Science and Pollution Research</i> , 2023, 30, 59596-59605.	2.7	2
2092	Evaluating the Performance of Per- and Polyfluoroalkyl Substance Finishes on Upholstery Fabrics. <i>AATCC Journal of Research</i> , 0, , 247234442311598.	0.3	0
2093	Poly- and Perfluoroalkyl Substances Induce Immunotoxicity via the TLR Pathway in Zebrafish: Links to Carbon Chain Length. <i>Environmental Science & Technology</i> , 2023, 57, 6139-6149.	4.6	8
2094	Thermal Decomposition of Two Gaseous Perfluorocarboxylic Acids: Products and Mechanisms. <i>Environmental Science & Technology</i> , 2023, 57, 6179-6187.	4.6	11
2095	Per- and polyfluoroalkyl substances in groundwater in Thailand: occurrence, source identification and spatial distribution. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 12437-12448.	1.8	2
2096	Investigation of the adsorption/desorption mechanism of perfluoroalkyl substances on HLB-WAX extraction phases for microextraction. <i>Analytica Chimica Acta</i> , 2023, 1260, 341206.	2.6	6
2097	Investigating fatty liver disease-associated adverse outcome pathways of perfluorooctane sulfonate using a systems toxicology approach. <i>Food and Chemical Toxicology</i> , 2023, 176, 113781.	1.8	5
2098	Design of Fluoro-Free Surfaces Super-Repellent to Low-Surface-Tension Liquids. <i>Advanced Materials</i> , 2023, 35, .	11.1	2
2099	Poly- and perfluoroalkyl substances (PFAS) - recent advances in the aquatic environment analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2023, 163, 117062.	5.8	9
2100	Efficient removal of short-chain and long-chain PFAS by cationic nanocellulose. <i>Journal of Materials Chemistry A</i> , 2023, 11, 9868-9883.	5.2	10
2101	Mechanistic Middle-Out Physiologically Based Toxicokinetic Modeling of Transporter-Dependent Disposition of Perfluorooctanoic Acid in Humans. <i>Environmental Science & Technology</i> , 2023, 57, 6825-6834.	4.6	2
2102	US and international per- and polyfluoroalkyl substances surface water quality criteria: A review of the status, challenges, and implications for use in chemical management and risk assessment. <i>Integrated Environmental Assessment and Management</i> , 2024, 20, 36-58.	1.6	0
2103	The decomposition and emission factors of a wide range of PFAS in diverse, contaminated organic waste fractions undergoing dry pyrolysis. <i>Journal of Hazardous Materials</i> , 2023, 454, 131447.	6.5	10
2104	Smouldering to treat PFAS in sewage sludge. <i>Waste Management</i> , 2023, 164, 219-227.	3.7	5
2105	Determination of polyfluoroalkyl substances in biological matrices by chromatography techniques: A review focused on the sample preparation techniques - Review. <i>Journal of Chromatography Open</i> , 2023, 3, 100082.	0.8	4
2107	Per- and polyfluoroalkyl substances (PFAS) and immune system-related diseases: results from the Flemish Environment and Health Study (FLEHS) 2008–2014. <i>Environmental Sciences Europe</i> , 2023, 35, .	11.0	1

#	ARTICLE	IF	CITATIONS
2108	Effects of perfluorododecanoic acid on testicular function in mice. <i>Toxicology Research</i> , 0, , .	0.9	0
2117	Application of Electrochemical Technologies for the Efficacious Removal of Persistent Organic Pollutants from Wastewater. <i>Energy, Environment, and Sustainability</i> , 2023, , 135-163.	0.6	0
2119	World Profile of Foreseeable Strategies for the Removal of Per- and Polyfluoroalkyl Substances (PFASs) from Water. <i>Energy, Environment, and Sustainability</i> , 2023, , 47-69.	0.6	0
2155	Preliminary Studies on the Synthesis of Redox-Labelled Molecularly Imprinted Nanoparticles in Sensor Development for the Quantification of Perfluoroalkyls in Water. , 0, , .		0
2179	Environmental analysis: Emerging pollutants. , 2023, , 549-578.		0
2180	Recent Advances in the Analytical Techniques for PFASs and Corresponding Intermediates During Their Chemical Decomposition. <i>Chemical Research in Chinese Universities</i> , 2023, 39, 361-369.	1.3	0
2181	Environmental Pathways of Emerging Pollutants. , 2023, , 71-95.		0
2187	Marine Contaminants of Emerging Concern. <i>Springer Textbooks in Earth Sciences, Geography and Environment</i> , 2023, , 285-303.	0.1	0
2198	Chemical toxicity of per- and poly-fluorinated alkyl substances (PFAS). , 2024, , 747-756.		0
2284	Molecular inspired electrocatalyst materials for environmental remediation. <i>Inorganic Chemistry Frontiers</i> , 0, , .	3.0	0
2289	Revisiting the "forever chemicals", PFOA and PFOS exposure in drinking water. <i>Npj Clean Water</i> , 2023, 6, .	3.1	10
2310	Life Cycle Considerations for Per- And Polyfluoroalkyl Substances (PFASs) and the Evolution of Society's Perspective on Their Usage. <i>Challenges and Advances in Computational Chemistry and Physics</i> , 2024, , 285-319.	0.6	0
2313	Neurotoxicity of poly- and perfluoroalkyl substances (PFAS): Epidemiological and rodent studies of behavioral outcomes. <i>Advances in Neurotoxicology</i> , 2023, , .	0.7	0
2325	Recent research trends in perfluoropolyether for energy device applications: a mini review. <i>Journal of the Korean Ceramic Society</i> , 0, , .	1.1	1
2338	Analyte and matrix method extension of per- and polyfluoroalkyl substances in food and feed. <i>Analytical and Bioanalytical Chemistry</i> , 0, , .	1.9	0
2349	Concentrations of per- and polyfluoroalkyl substances (PFAS) in paired tap water and blood samples during pregnancy. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2024, 34, 90-96.	1.8	1
2387	Surfactants in the Environment: Self-Assembly of PFAS Pollutants in Solution and at Interfaces. <i>ACS Symposium Series</i> , 0, , 443-462.	0.5	0
2454	The potential of phytoremediation technology as a panacea for per- and poly-fluoroalkyl substances-contaminated soil. <i>Chemical Papers</i> , 2024, 78, 2079-2099.	1.0	0

#	ARTICLE	IF	CITATIONS
2458	Ecotoxicological response of algae to contaminants in aquatic environments: a review. Environmental Chemistry Letters, 2024, 22, 919-939.	8.3	1
2460	Chemical Introductions to the Systems: Point Source Pollution (Persistent Chemicals). , 2024, , 170-217.		1
2468	Fluorinated thermoplastic elastomers. , 2024, , 335-361.		0
2494	Chemistry, production, and consumption of industrial endocrine disrupting chemicals. , 2024, , 17-46.		0
2523	Poly- and Perfluorinated Alkyl Substances in Food Packaging Materials. , 2024, , 99-114.		0
2536	Multiphysics Numerical Modeling of Transient Transport of PFAS. Lecture Notes in Civil Engineering, 2024, , 387-399.	0.3	0