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Perfluorooctanoic acid (PFOA) main concerns and regulatory developments in Europe from an environmental point of view

DOI: 10.1186/2190-4715-24-16 Environmental Sciences Europe, 2012, 24, .

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124	Formation of PFOA from 8:2 FTOH in closed-bottle experiments with brackish water. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 8001-12	5.1	6
123	Survey of perfluorinated alkyl acids in Finnish effluents, storm water, landfill leachate and sludge. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 7979-87	5.1	29
122	Perfluoroalkyl acids in the Canadian environment: multi-media assessment of current status and trends. 2013 , 59, 183-200		54
121	Tox-Box: securing drops of life - an enhanced health-related approach for risk assessment of drinking water in Germany. <i>Environmental Sciences Europe</i> , 2013 , 25,	5	24
120	Fluoroalkyl allyl ethers: Useful building blocks for the synthesis of environmentally safer fluorinated multiblock molecules. 2013 , 156, 34-37		8
119	Retrospective monitoring of perfluorocarboxylates and perfluorosulfonates in human plasma archived by the German Environmental Specimen Bank. 2013 , 216, 633-40		66
118	Solution by dilution?A review on the pollution status of the Yangtze River. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 6934-71	5.1	76
117	Study on the binding interaction between perfluoroalkyl acids and DNA. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 8355-63	5.1	4
116	Estimation of the acid dissociation constant of perfluoroalkyl carboxylic acids through an experimental investigation of their water-to-air transport. 2013 , 47, 11032-9		69
115	Transport of perfluoroalkyl acids in a water-saturated sediment column investigated under near-natural conditions. 2014 , 186, 7-13		52
114	Fluoropolymers, Organic. 2014 , 1-55		2
113	Solvent-free catalytic isomerization of perfluoroalkyl allyl ethers. 2014 , 38, 641-649		6
112	Neurodevelopmental and neurobehavioural effects of polybrominated and perfluorinated chemicals: a systematic review of the epidemiological literature using a quality assessment scheme. 2014 , 230, 271-81		28
111	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, 351-9	10.2	62
110	Adsorption behavior and mechanism of perfluorinated compounds on various adsorbentsa review. <i>Journal of Hazardous Materials</i> , 2014 , 274, 443-54	12.8	438
109	Neutral polyfluorinated compounds in indoor air in Germanythe LUPE 4 study. <i>Chemosphere</i> , 2015 , 139, 572-8	8.4	24
108	Can perfluoroalkyl acids biodegrade in the rumen simulation technique (RUSITEC)?. <i>Environmental Sciences Europe</i> , 2015 , 27, 30	5	2

107	Nano-Sized Cyclodextrin-Based Molecularly Imprinted Polymer Adsorbents for Perfluorinated Compounds-A Mini-Review. 2015 , 5, 981-1003	52
106	Spatial distribution of perfluoroalkyl acids in surface sediments of the German Bight, North Sea. Science of the Total Environment, 2015 , 511, 145-52	. 19
105	Perfluoroalkyl substances in the Daling River with concentrated fluorine industries in China: seasonal variation, mass flow, and risk assessment. <i>Environmental Science and Pollution Research</i> , 5.1 2015 , 22, 10009-18	29
104	Emission of perfluoroalkyl carboxylic acids (PFCA) from heated surfaces made of polytetrafluoroethylene (PTFE) applied in food contact materials and consumer products. 8.4 <i>Chemosphere</i> , 2015 , 129, 46-53	18
103	Laccase-Catalyzed Degradation of Perfluorooctanoic Acid. 2015 , 2, 198-203	42
102	Per- and polyfluorinated substances (PFASs): Environmental challenges. 2015 , 20, 192-212	151
101	Biodegradability of fluorinated fire-fighting foams in water. <i>Chemosphere</i> , 2015 , 131, 104-9 8.4	21
100	Fluoroalkylsilanes with Embedded Functional Groups as Building Blocks for Environmentally Safer Self-Assembled Monolayers. 2015 , 31, 6988-94	12
99	Identification of environmental chemicals that induce yolk malabsorption in zebrafish using automated image segmentation. 2015 , 55, 20-9	12
98	Hazard assessment of fluorinated alternatives to long-chain perfluoroalkyl acids (PFAAs) and their precursors: status quo, ongoing challenges and possible solutions. 2015 , 75, 172-9	298
97	Seasonal variations and spatial distributions of perfluoroalkyl substances in the rivers Elbe and lower Weser and the North Sea. <i>Chemosphere</i> , 2015 , 129, 118-25	41
96	The use of monitoring data in EU chemicals managementexperiences and considerations from the German environmental specimen bank. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 1597-617.1	13
95	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, 530-7	24
94	Fluorination effect on the thermodynamic properties of long-chain hydrocarbons and alcohols. 2016 , 102, 378-385	9
93	Use of terrestrial field studies in the derivation of bioaccumulation potential of chemicals. 2016 , 12, 135-45	23
92	Single and mixture effects of aquatic micropollutants studied in precision-cut liver slices of Atlantic cod (Gadus morhua). 2016 , 177, 395-404	8
91	Fluorinated imidazolium salts having liquid crystal characteristics. 2016 , 223, 749-753	10
90	Spatio-temporal trends and monitoring design of perfluoroalkyl acids in the eggs of gull (Larid) species from across Canada and parts of the United States. <i>Science of the Total Environment</i> , 2016 , 10.2 565, 440-450	18

89	Contribution of Direct and Indirect Exposure to Human Serum Concentrations of Perfluorooctanoic Acid in an Occupationally Exposed Group of Ski Waxers. 2016 , 50, 7037-46		25
88	Gold nanoparticles-decorated fluoroalkylsilane nano-assemblies for electrocatalytic applications. 2016 , 362, 42-48		4
87	Properties, performance and associated hazards of state-of-the-art durable water repellent (DWR) chemistry for textile finishing. 2016 , 91, 251-64		73
86	Perfluoroalkylated linear polyglycerols and their supramolecular assemblies in aqueous solution. 2016 , 7, 2222-2229		9
85	Comparative assessment of the environmental hazards of and exposure to perfluoroalkyl phosphonic and phosphinic acids (PFPAs and PFPiAs): Current knowledge, gaps, challenges and research needs. 2016 , 89-90, 235-47		46
84	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, 1573-81	8.4	44
83	A Never-Ending Story of Per- and Polyfluoroalkyl Substances (PFASs)?. 2017 , 51, 2508-2518		589
82	Life cycle analysis of perfluorooctanoic acid (PFOA) and its salts in China. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 11254-11264	5.1	14
81	Perfluorinated Pyridinium and Imidazolium Ionic Liquids. 2017 , 2017, 4283-4290		10
80	Electrochemical Advanced Oxidation Processes (EAOP) to degrade per- and polyfluoroalkyl substances (PFASs). 2017 , 20,		10
79	Ranking REACH registered neutral, ionizable and ionic organic chemicals based on their aquatic persistency and mobility. 2017 , 19, 939-955		48
78	Electrochemical oxidation of PFOA in aqueous solution using highly hydrophobic modified PbO 2 electrodes. 2017 , 801, 235-243		47
77	PFOA-induced metabolism disturbance and multi-generational reproductive toxicity in Oryzias latipes. <i>Journal of Hazardous Materials</i> , 2017 , 340, 231-240	12.8	34
76	Aromatic Esters, Carbinols, and Derivatives Thereof with Perfluorohexyl Residues as Alternatives to Perfluoroalkanecarboxylic and -sulfonic Acids. 2017 , 2017, 609-617		5
75	Gold nanoparticle-based optical sensors for selected anionic contaminants. 2017, 86, 143-154		50
74	Fluorine-free low surface energy organic coating for anti-stain applications. 2017, 103, 182-192		14
73	Uncertainty and variability in atmospheric formation of PFCAs from fluorotelomer precursors. 2017 , 17, 4585-4597		9
72	Cloning retinoid and peroxisome proliferator-activated nuclear receptors of the Pacific oyster and in silico binding to environmental chemicals. 2017 , 12, e0176024		24

71	Perfluoroalkyl Acids in European Starling Eggs Indicate Landfill and Urban Influences in Canadian Terrestrial Environments. 2018 , 52, 5571-5580		13
70	[HBM-I values for Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) in blood plasma - Statement of the German Human Biomonitoring Commission (HBM Commission)]. 2018 , 61, 474-487		13
69	A short review on human exposure to and tissue distribution of per- and polyfluoroalkyl substances (PFASs). <i>Science of the Total Environment</i> , 2018 , 636, 1058-1069	10.2	101
68	Short-chain perfluoroalkyl acids: environmental concerns and a regulatory strategy under REACH. <i>Environmental Sciences Europe</i> , 2018 , 30, 9	5	175
67	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	10.2	88
66	Smartphone app-based/portable sensor for the detection of fluoro-surfactant PFOA. <i>Chemosphere</i> , 2018 , 191, 381-388	8.4	30
65	Fate of bisphenol A, perfluorooctanoic acid and perfluorooctanesulfonate in two different types of sewage treatment works in Hong Kong. <i>Chemosphere</i> , 2018 , 190, 358-367	8.4	11
64	A review of the application of agricultural wastes as precursor materials for the adsorption of perand polyfluoroalkyl substances: A focus on current approaches and methodologies. 2018 , 9, 100-114		51
63	Perfluorinated 1,2,3- and 1,2,4-Triazolium Ionic Liquids. 2018 , 2018, 4331-4337		10
62	Spatial variation in the atmospheric deposition of perfluoroalkyl acids: source elucidation through analysis of isomer patterns. 2018 , 20, 997-1006		12
61	Electrochemosensor for Trace Analysis of Perfluorooctanesulfonate in Water Based on a Molecularly Imprinted Poly(o-phenylenediamine) Polymer. 2018 , 3, 1291-1298		45
60	Perfluorooctanoic Acid (PFOA): Environmental Sources, Chemistry, Toxicology, and Potential Risks. 2019 , 28, 258-273		14
59	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. 2019 , 120, 115393		16
58	Aggregated-fluorescent detection of PFAS with a simple chip. 2019 , 11, 163-170		12
57	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	10.2	19
56	Fluorine-Free Superhydrophobic Coatings Based on Silicone and Functionalized Colloidal Silica. 2019 , 9, 159		8
55	Perfluorooctanoic Acid Exposure Assessment on Common Carp Liver through Image and Ultrastructural Investigation. 2019 , 16,		3
54	Accumulation of perfluorinated alkyl substances (PFAS) in agricultural plants: A review. 2019 , 169, 326-3	341	190

53	Removal of PFAS from aqueous solution using PbO from lead-acid battery. <i>Chemosphere</i> , 2019 , 219, 36-44	8.4	18
52	Short-chain per- and polyfluoroalkyl substances in aquatic systems: Occurrence, impacts and treatment. 2020 , 380, 122506		115
51	Treatment train approaches for the remediation of per- and polyfluoroalkyl substances (PFAS): A critical review. <i>Journal of Hazardous Materials</i> , 2020 , 386, 121963	12.8	74
50	A global atmospheric chemistry model for the fate and transport of PFCAs and their precursors. 2020 , 22, 285-293		13
49	A concentrate-and-destroy technique for degradation of perfluorooctanoic acid in water using a new adsorptive photocatalyst. 2020 , 185, 116219		25
48	Perfluoroalkyl acids and sulfonamides and dietary, biological and ecological associations in peregrine falcons from the Laurentian Great Lakes Basin, Canada. 2020 , 191, 110151		6
47	An (Eco)Toxicity Life Cycle Impact Assessment Framework for Per- And Polyfluoroalkyl Substances. 2020 , 54, 6224-6234		16
46	Strategies for grouping per- and polyfluoroalkyl substances (PFAS) to protect human and environmental health. 2020 , 22, 1444-1460		51
45	Paper-Based Oil Barrier Packaging using Lignin-Containing Cellulose Nanofibrils. 2020, 25,		26
44	Benchtop F NMR spectroscopy as a practical tool for testing of remedial technologies for the degradation of perfluorooctanoic acid, a persistent organic pollutant. 2020 , 58, 1160-1167		1
43	Investigating the Atmospheric Sources and Sinks of Perfluorooctanoic Acid Using a Global Chemistry Transport Model. 2020 , 11, 407		3
42	Bioresin-based superhydrophobic coatings with reduced bacterial adhesion. 2020 , 574, 20-32		26
41	Estimating Environmental Hazard and Risks from Exposure to Per- and Polyfluoroalkyl Substances (PFASs): Outcome of a SETAC Focused Topic Meeting. 2021 , 40, 543-549		12
40	Scalable, fluorine free and hot water repelling superhydrophobic and superoleophobic coating based on functionalized Al2O3 nanoparticles. 2021 , 66, 74-81		27
39	Development of fluorine-free waterborne textile finishing agents for anti-stain and solvent-water separation based on low surface energy (co)polymers. 2021 , 150, 105968		2
38	Mixed micelles of sodium perfluorooctanoate and imidazolium based ionic liquids in aqueous solution: A SANS and Tensiometric study. 2021 , 322, 114558		3
37	Groundwater contamination by fluorinated aromatics: Benzotrifluoride and its derivatives. <i>Chemosphere</i> , 2021 , 265, 129029	8.4	2
36	Suggestions for Improving the Characterization of Risk from Exposures to Per and Polyfluorinated Alkyl Substances. 2021 , 40, 871-886		2

35	Interaction between PFASs and geosynthetic liners: current status and the way forward. 2021, 28, 214-	223	7
34	Effects of in vitro exposure of perfluorooctanoic acid and monocrotophos on astroglia SVG p12 cells. 2021 , 41, 1380-1389		O
33	Male reproductive health at risk due to exposure to perfluoroalkyl substances: Recent research highlights. 2, 13		
32	Per- and polyfluoroalkyl substances and their alternatives in paper food packaging. 2021 , 20, 2596-262	5	13
31	Human Biomonitoring (HBM)-I values for perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) - Description, derivation and discussion. 2021 , 121, 104862		5
30	DETERMINATION OF THE HAZARD OF PLASTIC WASTE FOR INVESTIGATION OF THE POSSIBILITY OF THEIR UTILIZATION BY THERMAL METHODS. 2021 , 37, 25-37		О
29	Bioaccumulation, Biodistribution, Toxicology and Biomonitoring of Organofluorine Compounds in Aquatic Organisms. 2021 , 22,		8
28	Perfluorooctanoic acid exposure in early pregnancy induces oxidative stress in mice uterus and liver. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 66355-66365	5.1	O
27	Characteristic distribution patterns of perfluoroalkyl substances in soils according to land-use types. <i>Chemosphere</i> , 2021 , 276, 130167	8.4	1
26	(INVITED)Nanocoated fiber label-free biosensing for perfluorooctanoic acid detection by lossy mode resonance. 2021 , 5, 100123		10
25	Calculated IR absorption spectra for perfluoroalkyl and polyfluoroalkyl (PFAS) molecules. <i>Structural Chemistry</i> , 2021 , 32, 899-907	1.8	1
24	Texture analysis in liver of common carp (Cyprinus carpio) sub-chronically exposed to perfluorooctanoic acid. <i>Ecological Indicators</i> , 2017 , 81, 54-64	5.8	7
23	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,	5	16
22	Silylboronate-Mediated Defluorosilylation of Aryl Fluorides with or without Ni-Catalyst. <i>Frontiers in Chemistry</i> , 2021 , 9, 771473	5	3
21	On using DFT to construct an IR spectrum database for PFAS molecules. Structural Chemistry, 1	1.8	1
20	Fluorinated fire-figthing foams: manufacture, applications, ecological consequences. <i>Proceedings of the National Academy of Sciences of Belarus, Chemical Series</i> , 2019 , 54, 487-504	0.3	
19	Superhydrophobic Interfaces for High-Performance/Advanced Application. <i>Materials Horizons</i> , 2019 , 411-457	0.6	О
18	Occurrence, partitioning behavior and risk assessments of per- and polyfluoroalkyl substances in water, sediment and biota from the Dongshan Bay, China. <i>Chemosphere</i> , 2021 , 291, 132812	8.4	O

17	Total oxidisable precursor assay towards selective detection of PFAS in AFFF. <i>Journal of Cleaner Production</i> , 2021 , 328, 129568	10.3	2
16	Chemistry, abundance, detection and treatment of per- and polyfluoroalkyl substances in water: a review. <i>Environmental Chemistry Letters</i> , 1	13.3	1
15	Heterogeneously engineered porous media for directional and asymmetric liquid transport. <i>Cell Reports Physical Science</i> , 2022 , 3, 100710	6.1	3
14	Effect of waterborne exposure to perfluorooctanoic acid on nephron and renal hemopoietic tissue of common carp Cyprinus carpio <i>Ecotoxicology and Environmental Safety</i> , 2022 , 234, 113407	7	1
13	Emerging technologies for PFOS/PFOA degradation: A review <i>Science of the Total Environment</i> , 2022 , 153669	10.2	5
12	Assessment of perfluorohexane sulfonic acid (PFHxS)-related compounds degradation potential: Computational and experimental approaches. <i>Journal of Hazardous Materials</i> , 2022 , 436, 129240	12.8	1
11	Seasonal Trends of Per- and Polyfluoroalkyl Substances in River Water Affected by Fire Training Sites and Wastewater Treatment Plants. SSRN Electronic Journal,	1	
10	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> ,	5.1	3
9	Spatial distribution and temporal trends of classical and emerging persistent organic pollutants (POPs) in black-tailed gull (Larus crassirostris) eggs from Korea. <i>Science of the Total Environment</i> , 2022 , 845, 157244	10.2	О
8	Enhanced toxicity effects of iron particles together with PFOA in drinking water. 2022, 311, 119919		
7	Coupling a pathway-oriented approach with tailor-made monitoring as key to well-performing regionalized modelling of PFAS emissions and river concentrations. 2022 , 849, 157764		
6	Effects of gestational low dose perfluorooctanoic acid on maternal and <code>ਬnxiety-like</code> Dehavior in dams. 4,		O
5	Behavioural, developmental and reproductive toxicological impacts of perfluorobutanoic acid (PFBA) in Caenorhabditis elegans. 2023 , 10, 100662		О
4	Tolerance and recovery of aerobic granular sludge: Impact of perfluorooctanoic acid. 2023 , 313, 137430)	O
3	A Review of PFAS Destruction Technologies. 2022 , 19, 16397		1
2	Taurine protects against perfluorooctanoic acid-induced hepatotoxicity via inhibition of oxidative stress, inflammatory, and apoptotic pathways.		O
1	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. 2023 , 321, 121133		O