

Lutz Ahrens

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157
papers

7,196
citations

50
h-index

80
g-index

161
ext. papers

8,902
ext. citations

8.4
avg, IF

6.63
L-index

#	Paper	IF	Citations
157	Polyfluoroalkyl compounds in the aquatic environment: a review of their occurrence and fate. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 20-31		413
156	Fate and effects of poly- and perfluoroalkyl substances in the aquatic environment: a review. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1921-9	3.8	316
155	Distribution of polyfluoroalkyl compounds in water, suspended particulate matter and sediment from Tokyo Bay, Japan. <i>Chemosphere</i> , 2010 , 79, 266-72	8.4	250
154	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	12.5	204
153	Distribution and sources of polyfluoroalkyl substances (PFAS) in the River Rhine watershed. <i>Environmental Pollution</i> , 2010 , 158, 3243-50	9.3	198
152	Partitioning behavior of per- and polyfluoroalkyl compounds between pore water and sediment in two sediment cores from Tokyo Bay, Japan. <i>Environmental Science & Technology</i> , 2009 , 43, 6969-75	10.3	178
151	Polyfluorinated compounds in waste water treatment plant effluents and surface waters along the River Elbe, Germany. <i>Marine Pollution Bulletin</i> , 2009 , 58, 1326-33	6.7	170
150	Polyfluoroalkyl compounds in landfill leachates. <i>Environmental Pollution</i> , 2010 , 158, 1467-71	9.3	153
149	Stockholm Arlanda Airport as a source of per- and polyfluoroalkyl substances to water, sediment and fish. <i>Chemosphere</i> , 2015 , 129, 33-8	8.4	149
148	Wastewater treatment plant and landfills as sources of polyfluoroalkyl compounds to the atmosphere. <i>Environmental Science & Technology</i> , 2011 , 45, 8098-105	10.3	140
147	Partitioning of perfluorooctanoate (PFOA), perfluorooctane sulfonate (PFOS) and perfluorooctane sulfonamide (PFOSA) between water and sediment. <i>Chemosphere</i> , 2011 , 85, 731-7	8.4	138
146	Longitudinal and latitudinal distribution of perfluoroalkyl compounds in the surface water of the Atlantic Ocean. <i>Environmental Science & Technology</i> , 2009 , 43, 3122-7	10.3	120
145	Calibration and application of PUF disk passive air samplers for tracking polycyclic aromatic compounds (PACs). <i>Atmospheric Environment</i> , 2013 , 75, 123-128	5.3	117
144	Urban versus remote air concentrations of fluorotelomer alcohols and other polyfluorinated alkyl substances in Germany. <i>Environmental Science & Technology</i> , 2007 , 41, 745-52	10.3	117
143	Passive Sampling in Regulatory Chemical Monitoring of Nonpolar Organic Compounds in the Aquatic Environment. <i>Environmental Science & Technology</i> , 2016 , 50, 3-17	10.3	106
142	Brominated flame retardants in seawater and atmosphere of the Atlantic and the Southern Ocean. <i>Environmental Science & Technology</i> , 2011 , 45, 1820-6	10.3	105
141	Distribution of perfluoroalkyl compounds in seawater from northern Europe, Atlantic Ocean, and Southern Ocean. <i>Chemosphere</i> , 2010 , 78, 1011-6	8.4	105

140	Occurrence of perfluoroalkyl compounds in surface waters from the North Pacific to the Arctic Ocean. <i>Environmental Science & Technology</i> , 2012 , 46, 661-8	10.3	98
139	Sorption of perfluoroalkyl substances (PFASs) to an organic soil horizon - Effect of cation composition and pH. <i>Chemosphere</i> , 2018 , 207, 183-191	8.4	94
138	Total body burden and tissue distribution of polyfluorinated compounds in harbor seals (<i>Phoca vitulina</i>) from the German Bight. <i>Marine Pollution Bulletin</i> , 2009 , 58, 520-5	6.7	94
137	Micropollutants in drinking water from source to tap - Method development and application of a multiresidue screening method. <i>Science of the Total Environment</i> , 2018 , 627, 1404-1432	10.2	88
136	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
135	Sources of polyfluoroalkyl compounds in the North Sea, Baltic Sea and Norwegian Sea: Evidence from their spatial distribution in surface water. <i>Marine Pollution Bulletin</i> , 2010 , 60, 255-60	6.7	87
134	Concentrations in air of organobromine, organochlorine and organophosphate flame retardants in Toronto, Canada. <i>Atmospheric Environment</i> , 2014 , 99, 140-147	5.3	86
133	Characterization of five passive sampling devices for monitoring of pesticides in water. <i>Journal of Chromatography A</i> , 2015 , 1405, 1-11	4.5	83
132	Critical review: Grand challenges in assessing the adverse effects of contaminants of emerging concern on aquatic food webs. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 46-60	3.8	81
131	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	10.3	79
130	Improved characterization of gas-particle partitioning for per- and polyfluoroalkyl substances in the atmosphere using annular diffusion denuder samplers. <i>Environmental Science & Technology</i> , 2012 , 46, 7199-206	10.3	79
129	Non-target screening and prioritization of potentially persistent, bioaccumulating and toxic domestic wastewater contaminants and their removal in on-site and large-scale sewage treatment plants. <i>Science of the Total Environment</i> , 2017 , 575, 265-275	10.2	78
128	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	10.3	75
127	Spatial distribution of per- and polyfluoroalkyl compounds in coastal waters from the East to South China Sea. <i>Environmental Pollution</i> , 2012 , 161, 162-9	9.3	75
126	Fate of pharmaceuticals and pesticides in fly larvae composting. <i>Science of the Total Environment</i> , 2016 , 565, 279-286	10.2	74
125	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	12.5	72
124	Global pilot study of legacy and emerging persistent organic pollutants using sorbent-impregnated polyurethane foam disk passive air samplers. <i>Environmental Science & Technology</i> , 2010 , 44, 5534-9	10.3	71
123	Spatial distribution of polyfluoroalkyl compounds in seawater of the German Bight. <i>Chemosphere</i> , 2009 , 76, 179-84	8.4	71

122	Suspect Screening and Regulatory Databases: A Powerful Combination To Identify Emerging Micropollutants. <i>Environmental Science & Technology</i> , 2018 , 52, 6881-6894	10.3	69
121	Impact of on-site, small and large scale wastewater treatment facilities on levels and fate of pharmaceuticals, personal care products, artificial sweeteners, pesticides, and perfluoroalkyl substances in recipient waters. <i>Science of the Total Environment</i> , 2017 , 601-602, 1289-1297	10.2	67
120	Temporal trends of polyfluoroalkyl compounds in harbor seals (<i>Phoca vitulina</i>) from the German Bight, 1999-2008. <i>Chemosphere</i> , 2009 , 76, 151-8	8.4	67
119	Screening and prioritization of micropollutants in wastewaters from on-site sewage treatment facilities. <i>Journal of Hazardous Materials</i> , 2017 , 328, 37-45	12.8	63
118	Spatial distribution and source tracing of per- and polyfluoroalkyl substances (PFASs) in surface water in Northern Europe. <i>Environmental Pollution</i> , 2017 , 220, 1438-1446	9.3	59
117	Determination of polyfluoroalkyl compounds in water and suspended particulate matter in the river Elbe and North Sea, Germany. <i>Frontiers of Environmental Science and Engineering in China</i> , 2009 , 3, 152-170		58
116	Zürich Statement on Future Actions on Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Health Perspectives</i> , 2018 , 126, 84502	8.4	58
115	An improved method for the analysis of volatile polyfluorinated alkyl substances in environmental air samples. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 965-75	4.4	56
114	Perfluoroalkyl acids in the Canadian environment: multi-media assessment of current status and trends. <i>Environment International</i> , 2013 , 59, 183-200	12.9	54
113	Temporal trends and pattern of polyfluoroalkyl compounds in Tawny Owl (<i>Strix aluco</i>) eggs from Norway, 1986-2009. <i>Environmental Science & Technology</i> , 2011 , 45, 8090-7	10.3	54
112	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	8.4	53
111	Manufacturing origin of perfluorooctanoate (PFOA) in Atlantic and Canadian Arctic seawater. <i>Environmental Science & Technology</i> , 2012 , 46, 677-85	10.3	52
110	Persistence, mobility and bioavailability of emerging organic contaminants discharged from sewage treatment plants. <i>Science of the Total Environment</i> , 2018 , 612, 1532-1542	10.2	51
109	Characterization of two passive air samplers for per- and polyfluoroalkyl substances. <i>Environmental Science & Technology</i> , 2013 , 47, 14024-33	10.3	51
108	Polyfluoroalkyl compounds in the Canadian Arctic atmosphere. <i>Environmental Chemistry</i> , 2011 , 8, 399	3.2	50
107	Stabilization and solidification remediation of soil contaminated with poly- and perfluoroalkyl substances (PFASs). <i>Journal of Hazardous Materials</i> , 2019 , 367, 639-646	12.8	49
106	Screening of organic flame retardants in Swedish river water. <i>Science of the Total Environment</i> , 2018 , 625, 1046-1055	10.2	48
105	Wastewater treatment plants and landfills emit volatile methyl siloxanes (VMSs) to the atmosphere: investigations using a new passive air sampler. <i>Environmental Pollution</i> , 2011 , 159, 2380-6	9.3	48

104	Trends of polyfluoroalkyl compounds in marine biota and in humans. <i>Environmental Chemistry</i> , 2010 , 7, 457	3.2	48
103	Potential of biochar filters for onsite sewage treatment: Adsorption and biological degradation of pharmaceuticals in laboratory filters with active, inactive and no biofilm. <i>Science of the Total Environment</i> , 2018 , 612, 192-201	10.2	45
102	Occurrence and removal of chemicals of emerging concern in wastewater treatment plants and their impact on receiving water systems. <i>Science of the Total Environment</i> , 2021 , 754, 142122	10.2	45
101	Removal of pharmaceuticals, perfluoroalkyl substances and other micropollutants from wastewater using lignite, Xylit, sand, granular activated carbon (GAC) and GAC+Polonite in column tests - Role of physicochemical properties. <i>Water Research</i> , 2018 , 137, 97-106	12.5	43
100	Mass loads, source apportionment, and risk estimation of organic micropollutants from hospital and municipal wastewater in recipient catchments. <i>Chemosphere</i> , 2019 , 234, 931-941	8.4	43
99	Temporal variations of cyclic and linear volatile methylsiloxanes in the atmosphere using passive samplers and high-volume air samplers. <i>Environmental Science & Technology</i> , 2014 , 48, 9374-81	10.3	43
98	Air concentrations and particle-gas partitioning of polyfluoroalkyl compounds at a wastewater treatment plant. <i>Environmental Chemistry</i> , 2011 , 8, 363	3.2	42
97	Sorption of perfluoroalkyl substances to two types of minerals. <i>Chemosphere</i> , 2016 , 159, 385-391	8.4	40
96	Behavioural effects and bioconcentration of per- and polyfluoroalkyl substances (PFASs) in zebrafish (<i>Danio rerio</i>) embryos. <i>Chemosphere</i> , 2020 , 245, 125573	8.4	39
95	Efficient removal of per- and polyfluoroalkyl substances (PFASs) in drinking water treatment: nanofiltration combined with active carbon or anion exchange. <i>Environmental Science: Water Research and Technology</i> , 2019 , 5, 1836-1843	4.2	38
94	Concentrations of DDTs and enantiomeric fractions of chiral DDTs in agricultural soils from Zhejiang Province, China, and correlations with total organic carbon and pH. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8294-301	5.7	38
93	Assessing polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in air across Latin American countries using polyurethane foam disk passive air samplers. <i>Environmental Science & Technology</i> , 2015 , 49, 3680-6	10.3	37
92	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. <i>Water Research</i> , 2020 , 182, 115913	12.5	35
91	Characterization of polyurethane foam (PUF) and sorbent impregnated PUF (SIP) disk passive air samplers for measuring organophosphate flame retardants. <i>Chemosphere</i> , 2017 , 167, 212-219	8.4	34
90	Temporal trends and sediment-water partitioning of per- and polyfluoroalkyl substances (PFAS) in lake sediment. <i>Chemosphere</i> , 2019 , 227, 624-629	8.4	33
89	Comparison of annular diffusion denuder and high volume air samplers for measuring per- and polyfluoroalkyl substances in the atmosphere. <i>Analytical Chemistry</i> , 2011 , 83, 9622-8	7.8	33
88	Neutral poly- and perfluoroalkyl substances in air and seawater of the North Sea. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 7988-8000	5.1	32
87	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	6.8	31

86	In situ air-water and particle-water partitioning of perfluorocarboxylic acids, perfluorosulfonic acids and perfluorooctyl sulfonamide at a wastewater treatment plant. <i>Chemosphere</i> , 2013 , 92, 941-8	8.4	30
85	Perfluoroalkyl Acids (PFAAs) in Serum from 2-4-Month-Old Infants: Influence of Maternal Serum Concentration, Gestational Age, Breast-Feeding, and Contaminated Drinking Water. <i>Environmental Science & Technology</i> , 2018 , 52, 7101-7110	10.3	30
84	Polyfluoroalkyl compounds in the East Greenland Arctic Ocean. <i>Journal of Environmental Monitoring</i> , 2010 , 12, 1242-6		29
83	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	9.3	28
82	Elucidation of contamination sources for poly- and perfluoroalkyl substances (PFASs) on Svalbard (Norwegian Arctic). <i>Environmental Science and Pollution Research</i> , 2019 , 26, 7356-7363	5.1	28
81	Potential of biochar filters for onsite wastewater treatment: Effects of active and inactive biofilms on adsorption of per- and polyfluoroalkyl substances in laboratory column experiments. <i>Environmental Pollution</i> , 2019 , 247, 155-164	9.3	27
80	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	10.2	26
79	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	4.1	25
78	Temporal trends and spatial differences of perfluoroalkylated substances in livers of harbor porpoise (<i>Phocoena phocoena</i>) populations from Northern Europe, 1991-2008. <i>Science of the Total Environment</i> , 2012 , 419, 216-24	10.2	25
77	Embryotoxicity of ozonated diclofenac, carbamazepine, and oxazepam in zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2019 , 225, 191-199	8.4	24
76	Spatial and seasonal trends of organic micropollutants in Sweden's most important drinking water reservoir. <i>Chemosphere</i> , 2020 , 249, 126168	8.4	24
75	Temporal trends of polyfluoroalkyl compounds (PFCs) in liver tissue of grey seals (<i>Halichoerus grypus</i>) from the Baltic Sea, 1974-2008. <i>Chemosphere</i> , 2011 , 84, 1592-600	8.4	24
74	Photobioreactors based on microalgae-bacteria and purple phototrophic bacteria consortia: A promising technology to reduce the load of veterinary drugs from piggery wastewater. <i>Science of the Total Environment</i> , 2019 , 692, 259-266	10.2	23
73	The fate of per- and polyfluoroalkyl substances within a melting snowpack of a boreal forest. <i>Environmental Pollution</i> , 2014 , 191, 190-8	9.3	23
72	Thermal desorption as a high removal remediation technique for soils contaminated with per- and polyfluoroalkyl substances (PFASs). <i>PLoS ONE</i> , 2020 , 15, e0234476	3.7	22
71	Per- and polyfluoroalkyl substances in water and soil in wastewater-irrigated farmland in Jordan. <i>Science of the Total Environment</i> , 2020 , 716, 137057	10.2	22
70	Interactions of perfluoroalkyl substances with a phospholipid bilayer studied by neutron reflectometry. <i>Journal of Colloid and Interface Science</i> , 2018 , 511, 474-481	9.3	22
69	Wide-scope screening of polar contaminants of concern in water: A critical review of liquid chromatography-high resolution mass spectrometry-based strategies. <i>Trends in Environmental Analytical Chemistry</i> , 2020 , 28, e00102	12	22

68	Organic micropollutants in water and sediment from Lake Mälaren, Sweden. <i>Chemosphere</i> , 2020 , 258, 127293	8.4	21
67	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	14.6	21
66	Point source characterization of per- and polyfluoroalkyl substances (PFASs) and extractable organofluorine (EOF) in freshwater and aquatic invertebrates. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 1887-1898	4.3	20
65	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	7.9	19
64	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	12.8	19
63	Unraveling the chemodiversity of halogenated disinfection by-products formed during drinking water treatment using target and non-target screening tools. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123681	12.8	19
62	Impact of on-site wastewater infiltration systems on organic contaminants in groundwater and recipient waters. <i>Science of the Total Environment</i> , 2019 , 651, 1670-1679	10.2	18
61	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		18
60	Concentrations, fluxes and field calibration of passive water samplers for pesticides and hazard-based risk assessment. <i>Science of the Total Environment</i> , 2018 , 637-638, 835-843	10.2	18
59	Development and comparison of gas chromatography-mass spectrometry techniques for analysis of flame retardants. <i>Journal of Chromatography A</i> , 2017 , 1481, 116-126	4.5	17
58	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	7.9	17
57	Electrodialytic per- and polyfluoroalkyl substances (PFASs) removal mechanism for contaminated soil. <i>Chemosphere</i> , 2019 , 232, 224-231	8.4	16
56	Impacts of climate and feeding conditions on the annual accumulation (1986-2009) of persistent organic pollutants in a terrestrial raptor. <i>Environmental Science & Technology</i> , 2011 , 45, 7542-7	10.3	16
55	Perfluoroalkyl Acids (PFAAs) in Children's Serum and Contribution from PFAA-Contaminated Drinking Water. <i>Environmental Science & Technology</i> , 2019 , 53, 11447-11457	10.3	15
54	Suspect screening based on market data of polar halogenated micropollutants in river water affected by wastewater. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123377	12.8	15
53	Perfluoroalkyl substance concentrations in a terrestrial raptor: relationships to environmental conditions and individual traits. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 184-91	3.8	14
52	Pharmaceuticals in source separated sanitation systems: Fecal sludge and blackwater treatment. <i>Science of the Total Environment</i> , 2020 , 703, 135530	10.2	14
51	Per- and Polyfluoroalkyl-Contaminated Freshwater Impacts Adjacent Riparian Food Webs. <i>Environmental Science & Technology</i> , 2020 , 54, 11951-11960	10.3	14

50	Development of a suspect screening prioritization tool for organic compounds in water and biota. <i>Chemosphere</i> , 2019 , 222, 904-912	8.4	13
49	Distribution of perfluoroalkyl compounds and mercury in fish liver from high-mountain lakes in France originating from atmospheric deposition. <i>Environmental Chemistry</i> , 2010 , 7, 422	3.2	13
48	Losses of poly- and perfluoroalkyl substances to syringe filter materials. <i>Journal of Chromatography A</i> , 2020 , 1609, 460430	4.5	13
47	What's in the water? - Target and suspect screening of contaminants of emerging concern in raw water and drinking water from Europe and Asia. <i>Water Research</i> , 2021 , 198, 117099	12.5	13
46	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	12
45	Use of lignocellulosic substrate colonized by oyster mushroom (<i>Pleurotus ostreatus</i>) for removal of organic micropollutants from water. <i>Journal of Environmental Management</i> , 2020 , 272, 111087	7.9	12
44	Removal of per- and polyfluoroalkyl substances (PFASs) from tap water using heterogeneously catalyzed ozonation. <i>Environmental Science: Water Research and Technology</i> , 2019 , 5, 1887-1896	4.2	12
43	The Adsorption of Per- and Polyfluoroalkyl Substances (PFASs) onto Ferrihydrite Is Governed by Surface Charge. <i>Environmental Science & Technology</i> , 2020 , 54, 15722-15730	10.3	11
42	Seasonal trends of legacy and alternative flame retardants in river water in a boreal catchment. <i>Science of the Total Environment</i> , 2019 , 692, 1097-1105	10.2	9
41	Reprint of: Temporal trends of polyfluoroalkyl compounds (PFCs) in liver tissue of grey seals (<i>Halichoerus grypus</i>) from the Baltic Sea, 1974-2008. <i>Chemosphere</i> , 2011 , 85, 253-61	8.4	9
40	Spatial distribution of polyfluoroalkyl compounds in dab (<i>Limanda limanda</i>) bile fluids from Iceland and the North Sea. <i>Marine Pollution Bulletin</i> , 2010 , 60, 145-8	6.7	9
39	Screening of organic micropollutants in raw and drinking water in the Yangtze River Delta, China. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	9
38	Laboratory-scale and pilot-scale stabilization and solidification (S/S) remediation of soil contaminated with per- and polyfluoroalkyl substances (PFASs). <i>Journal of Hazardous Materials</i> , 2021 , 402, 123453	12.8	9
37	Influence of natural organic matter on the extraction efficiency of flame retardants from surface waters. <i>Journal of Chromatography A</i> , 2017 , 1524, 74-86	4.5	8
36	New extraction method prior to screening of organic micropollutants in various biota matrices using liquid chromatography coupled to high-resolution time-of-flight mass spectrometry. <i>Talanta</i> , 2020 , 219, 121294	6.2	8
35	Sorption Characteristics and Removal Efficiency of Organic Micropollutants in Drinking Water Using Granular Activated Carbon (GAC) in Pilot-Scale and Full-Scale Tests. <i>Water (Switzerland)</i> , 2020 , 12, 2053	3	8
34	Occurrence and Gas-Particle Partitioning of Organic UV-Filters in Urban Air. <i>Environmental Science & Technology</i> , 2020 , 54, 12881-12889	10.3	8
33	Mass fluxes per capita of organic contaminants from on-site sewage treatment facilities. <i>Chemosphere</i> , 2018 , 201, 864-873	8.4	7

32	Evaluation of five filter media in column experiment on the removal of selected organic micropollutants and phosphorus from household wastewater. <i>Journal of Environmental Management</i> , 2019 , 246, 920-928	7.9	7
31	Non-target and suspect screening strategies for electro-dialytic soil remediation evaluation: Assessing changes in the molecular fingerprints and per- and polyfluoroalkyl substances (PFASs). <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104437	6.8	6
30	Effect-based assessment of recipient waters impacted by on-site, small scale, and large scale waste water treatment facilities - combining passive sampling with in vitro bioassays and chemical analysis. <i>Scientific Reports</i> , 2018 , 8, 17200	4.9	6
29	Investigating the OECD database of per- and polyfluoroalkyl substances [chemical variation and applicability of current fate models. <i>Environmental Chemistry</i> , 2020 , 17, 498	3.2	5
28	The Role of Spring Flood and Landscape Type in the Terrestrial Export of Polycyclic Aromatic Compounds to Streamwater. <i>Environmental Science & Technology</i> , 2018 , 52, 6217-6225	10.3	5
27	In vitro bioanalytical evaluation of removal efficiency for bioactive chemicals in Swedish wastewater treatment plants. <i>Scientific Reports</i> , 2019 , 9, 7166	4.9	4
26	Uptake of perfluoroalkyl substances, pharmaceuticals, and parabens by oyster mushrooms (<i>Pleurotus ostreatus</i>) and exposure risk in human consumption. <i>Chemosphere</i> , 2021 , 132898	8.4	4
25	A step forward in the detection of byproducts of anthropogenic organic micropollutants in chlorinated water. <i>Trends in Environmental Analytical Chemistry</i> , 2021 , 32, e00148	12	4
24	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,	4.6	4
23	Foam fractionation removal of multiple per- and polyfluoroalkyl substances from landfill leachate. <i>AWWA Water Science</i> , 2021 , 3, e1238	1.6	4
22	The relevant role of ion mobility separation in LC-HRMS based screening strategies for contaminants of emerging concern in the aquatic environment. <i>Chemosphere</i> , 2021 , 280, 130799	8.4	4
21	Simultaneous analysis of neutral and ionizable per- and polyfluoroalkyl substances in air. <i>Chemosphere</i> , 2021 , 280, 130607	8.4	4
20	Characterization and Application of Passive Samplers for Monitoring of Pesticides in Water. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	3
19	Removal of micropollutants and nutrients in household wastewater using organic and inorganic sorbents120, 88-108		3
18	Quantification of Biodriven Transfer of Per- and Polyfluoroalkyl Substances from the Aquatic to the Terrestrial Environment via Emergent Insects. <i>Environmental Science & Technology</i> , 2021 , 55, 7900-7909	10.3	3
17	Identification of Pesticide Transformation Products in Surface Water Using Suspect Screening Combined with National Monitoring Data. <i>Environmental Science & Technology</i> , 2021 , 55, 10343-10353	10.3	3
16	Spatial distribution of legacy pesticides in river sediment from the Republic of Moldova. <i>Chemosphere</i> , 2021 , 279, 130923	8.4	2
15	Profiles of environmental antibiotic resistomes in the urban aquatic recipients of Sweden using high-throughput quantitative PCR analysis. <i>Environmental Pollution</i> , 2021 , 287, 117651	9.3	2

14	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
13	Occurrence and mass flows of contaminants of emerging concern (CECs) in Sweden's three largest lakes and associated rivers.. <i>Chemosphere</i> , 2022 , 294, 133825	8.4	1
12	Novel prioritisation strategies for evaluation of temporal trends in archived white-tailed sea eagle muscle tissue in non-target screening. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127331	12.8	1
11	Thyroid function and immune status in perch (<i>Perca fluviatilis</i>) from lakes contaminated with PFASs or PCBs. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 222, 112495	7	1
10	Binding of per- and polyfluoroalkyl substances (PFASs) by organic soil materials with different structural composition - Charge- and concentration-dependent sorption behavior.. <i>Chemosphere</i> , 2022 , 134167	8.4	1
9	Organic micropollutants, heavy metals and pathogens in anaerobic digestate based on food waste.. <i>Journal of Environmental Management</i> , 2022 , 313, 114997	7.9	1
8	Beyond the Tip of the Iceberg: Suspect Screening Reveals Point Source-Specific Patterns of Emerging and Novel Per- and Polyfluoroalkyl Substances in German and Chinese Rivers.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	1
7	Risk-based screening for prioritisation of organic micropollutants in Swedish freshwater.. <i>Journal of Hazardous Materials</i> , 2022 , 429, 128302	12.8	0
6	Electrokinetic remediation for removal of per- and polyfluoroalkyl substances (PFASs) from contaminated soil. <i>Chemosphere</i> , 2021 , 291, 133041	8.4	0
5	Application of a novel prioritisation strategy using non-target screening for evaluation of temporal trends (1969-2017) of contaminants of emerging concern (CECs) in archived lynx muscle tissue samples.. <i>Science of the Total Environment</i> , 2022 , 817, 153035	10.2	0
4	Real-time detection of per-fluoroalkyl substance (PFAS) self-assembled monolayers in nanoporous interferometers. <i>Sensors and Actuators B: Chemical</i> , 2022 , 355, 131340	8.5	0
3	Mining chemical information in Swedish wastewaters for simultaneous assessment of population consumption, treatment efficiency and environmental discharge of illicit drugs. <i>Scientific Reports</i> , 2021 , 11, 13510	4.9	0
2	Are preserved coastal water bodies in Spanish Mediterranean basin impacted by human activity? Water quality evaluation using chemical and biological analyses. <i>Environment International</i> , 2022 , 107326	12.9	0
1	Response to comment on "In situ air-water and particle-water partitioning of perfluorocarboxylic acids, perfluorosulfonic acids and perfluorooctyl sulfonamide at a wastewater treatment plant". <i>Chemosphere</i> , 2013 , 93, 2207	8.4	