Lutz Ahrens

List of Publications by Year
in descending order

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160 papers	10,728 citations	20797 60 h-index	37183 96 g-index
161 all docs	161 docs citations	161 times ranked	7282 citing authors

#	Article	IF	Citations
1	Polyfluoroalkyl compounds in the aquatic environment: a review of their occurrence and fate. Journal of Environmental Monitoring, 2011, 13, 20-31.	2.1	531
2	Fate and effects of polyâ€•and perfluoroalkyl substances in the aquatic environment: A review. Environmental Toxicology and Chemistry, 2014, 33, 1921-1929.	2.2	487
3	Removal efficiency of multiple poly- and perfluoroalkyl substances (PFASs) in drinking water using granular activated carbon (GAC) and anion exchange (AE) column tests. Water Research, 2017, 120, 77-87.	5.3	345
4	Distribution of polyfluoroalkyl compounds in water, suspended particulate matter and sediment from Tokyo Bay, Japan. Chemosphere, 2010, 79, 266-272.	4.2	314
5	Distribution and sources of polyfluoroalkyl substances (PFAS) in the River Rhine watershed. Environmental Pollution, 2010, 158, 3243-3250.	3.7	255
6	Polyfluoroalkyl compounds in landfill leachates. Environmental Pollution, 2010, 158, 1467-1471.	3.7	210
7	Stockholm Arlanda Airport as a source of per- and polyfluoroalkyl substances to water, sediment and fish. Chemosphere, 2015, 129, 33-38.	4.2	205
8	Polyfluorinated compounds in waste water treatment plant effluents and surface waters along the River Elbe, Germany. Marine Pollution Bulletin, 2009, 58, 1326-1333.	2.3	202
9	Partitioning Behavior of Per- and Polyfluoroalkyl Compounds between Pore Water and Sediment in Two Sediment Cores from Tokyo Bay, Japan. Environmental Science & Technology, 2009, 43, 6969-6975.	4.6	202
10	Wastewater Treatment Plant and Landfills as Sources of Polyfluoroalkyl Compounds to the Atmosphere. Environmental Science & Technology, 2011, 45, 8098-8105.	4.6	202
11	Sorption of perfluoroalkyl substances (PFASs) to an organic soil horizon â€“ Effect of cation composition and pH. Chemosphere, 2018, 207, 183-191.	4.2	173
12	Partitioning of perfluorooctanoate (PFOA), perfluorooctane sulfonate (PFOS) and perfluorooctane sulfonamide (PFOSA) between water and sediment. Chemosphere, 2011, 85, 731-737.	4.2	172
13	Per- and polyfluoroalkyl substances (PFASs) in water, soil and plants in wetlands and agricultural areas in Kampala, Uganda. Science of the Total Environment, 2018, 631-632, 660-667.	3.9	150
14	Critical review: Grand challenges in assessing the adverse effects of contaminants of emerging concern on aquatic food webs. Environmental Toxicology and Chemistry, 2019, 38, 46-60.	2.2	150
15	Calibration and application of PUF disk passive air samplers for tracking polycyclic aromatic compounds (PACs). Atmospheric Environment, 2013, 75, 123-128.	1.9	143
16	Longitudinal and Latitudinal Distribution of Perfluoroalkyl Compounds in the Surface Water of the Atlantic Ocean. Environmental Science & Technology, 2009, 43, 3122-3127.	4.6	139
17	Plant Uptake of Per- and Polyfluoroalkyl Substances at a Contaminated Fire Training Facility to Evaluate the Phytoremediation Potential of Various Plant Species. Environmental Science & Technology, 2017, 51, 12602-12610.	4.6	139
18	Micropollutants in drinking water from source to tap - Method development and application of a multiresidue screening method. Science of the Total Environment, 2018, 627, 1404-1432.	3.9	135

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19	Urban versus Remote Air Concentrations of Fluorotelomer Alcohols and Other Polyfluorinated Alkyl Substances in Germany. Environmental Science & Technology, 2007, 41, 745-752.	4.6	134
20	Passive Sampling in Regulatory Chemical Monitoring of Nonpolar Organic Compounds in the Aquatic Environment. Environmental Science & Technology, 2016, 50, 3-17.	4.6	131
21	Occurrence and removal of chemicals of emerging concern in wastewater treatment plants and their impact on receiving water systems. Science of the Total Environment, 2021, 754, 142122.	3.9	127
22	Occurrence of Perfluoroalkyl Compounds in Surface Waters from the North Pacific to the Arctic Ocean. Environmental Science & Technology, 2012, 46, 661-668.	4.6	123
23	Influence of dissolved organic matter concentration and composition on the removal efficiency of perfluoroalkyl substances (PFASs) during drinking water treatment. Water Research, 2017, 121, 320-328.	5.3	122
24	Brominated Flame Retardants in Seawater and Atmosphere of the Atlantic and the Southern Ocean. Environmental Science & Technology, 2011, 45, 1820-1826.	4.6	119
25	Per- and Polyfluoroalkyl Substances in Swedish Groundwater and Surface Water: Implications for Environmental Quality Standards and Drinking Water Guidelines. Environmental Science & Technology, 2018, 52, 4340-4349.	4.6	118
26	Distribution of perfluoroalkyl compounds in seawater from Northern Europe, Atlantic Ocean, and Southern Ocean. Chemosphere, 2010, 78, 1011-1016.	4.2	117
27	Total body burden and tissue distribution of polyfluorinated compounds in harbor seals (Phoca) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	114
28	Characterization of five passive sampling devices for monitoring of pesticides in water. Journal of Chromatography A, 2015, 1405, 1-11.	1.8	114
29	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. Science of the Total Environment, 2017, 575, 265-275.	3.9	110
30	Improved Characterization of Gasâ€“Particle Partitioning for Per- and Polyfluoroalkyl Substances in the Atmosphere Using Annular Diffusion Denuder Samplers. Environmental Science & Technology, 2012, 46, 7199-7206.	4.6	105
31	Concentrations in air of organobromine, organochlorine and organophosphate flame retardants in Toronto, Canada. Atmospheric Environment, 2014, 99, 140-147.	1.9	102
32	Fate of pharmaceuticals and pesticides in fly larvae composting. Science of the Total Environment, 2016, 565, 279-286.	3.9	102
33	Sources of polyfluoroalkyl compounds in the North Sea, Baltic Sea and Norwegian Sea: Evidence from their spatial distribution in surface water. Marine Pollution Bulletin, 2010, 60, 255-260.	2.3	95
34	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. Science of the Total Environment, 2017, 601-602, 1289-1297.	3.9	94
35	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
36	Suspect Screening and Regulatory Databases: A Powerful Combination To Identify Emerging Micropollutants. Environmental Science & Technology, 2018, 52, 6881-6894.	4.6	93

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37	Stabilization and solidification remediation of soil contaminated with poly- and perfluoroalkyl substances (PFASs). Journal of Hazardous Materials, 2019, 367, 639-646.	6.5	93
38	ZÃ¼rich Statement on Future Actions on Per- and Polyfluoroalkyl Substances (PFASs). Environmental Health Perspectives, 2018, 126, 84502.	2.8	91
39	Behavioural effects and bioconcentration of per- and polyfluoroalkyl substances (PFASs) in zebrafish (Danio rerio) embryos. Chemosphere, 2020, 245, 125573.	4.2	90
40	Spatial distribution and source tracing of per- and polyfluoroalkyl substances (PFASs) in surface water in Northern Europe. Environmental Pollution, 2017, 220, 1438-1446.	3.7	87
41	Global Pilot Study of Legacy and Emerging Persistent Organic Pollutants using Sorbent-Impregnated Polyurethane Foam Disk Passive Air Samplers. Environmental Science & Technology, 2010, 44, 5534-5539.	4.6	81
42	Spatial distribution of per- and polyfluoroalkyl compounds in coastal waters from the East to South China Sea. Environmental Pollution, 2012, 161, 162-169.	3.7	81
43	Screening and prioritization of micropollutants in wastewaters from on-site sewage treatment facilities. Journal of Hazardous Materials, 2017, 328, 37-45.	6.5	79
44	Mass loads, source apportionment, and risk estimation of organic micropollutants from hospital and municipal wastewater in recipient catchments. Chemosphere, 2019, 234, 931-941.	4.2	77
45	Adsorption behavior of per- and polyfluoralkyl substances (PFASs) to 44 inorganic and organic sorbents and use of dyes as proxies for PFAS sorption. Journal of Environmental Chemical Engineering, 2020, 8, 103744.	3.3	76
46	Temporal trends of polyfluoroalkyl compounds in harbor seals (Phoca vitulina) from the German Bight, 1999â€“2008. Chemosphere, 2009, 76, 151-158.	4.2	75
47	Spatial distribution of polyfluoroalkyl compounds in seawater of the German Bight. Chemosphere, 2009, 76, 179-184.	4.2	72
48	Screening of organic flame retardants in Swedish river water. Science of the Total Environment, 2018, 625, 1046-1055.	3.9	72
49	Removal of pharmaceuticals, perfluoroalkyl substances and other micropollutants from wastewater using lignite, Xylit, sand, granular activated carbon (GAC) and GAC+PoloniteÂ® in column tests â€“ Role of physicochemical properties. Water Research, 2018, 137, 97-106.	5.3	72
50	Efficient removal of per- and polyfluoroalkyl substances (PFASs) in drinking water treatment: nanofiltration combined with active carbon or anion exchange. Environmental Science: Water Research and Technology, 2019, 5, 1836-1843.	1.2	72
51	Characterization of Two Passive Air Samplers for Per- and Polyfluoroalkyl Substances. Environmental Science & Technology, 2013, 47, 14024-14033.	4.6	71
52	Sorption of perfluoroalkyl substances to two types of minerals. Chemosphere, 2016, 159, 385-391.	4.2	70
53	Temporal Trends and Pattern of Polyfluoroalkyl Compounds in Tawny Owl (<i>Strix aluco</i>) Eggs from Norway, 1986â^'2009. Environmental Science & Technology, 2011, 45, 8090-8097.	4.6	69
54	Poly- and perfluoroalkylated substances (PFASs) in water, sediment and fish muscle tissue from Lake Tana, Ethiopia and implications for human exposure. Chemosphere, 2016, 165, 352-357.	4.2	69

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55	Potential of biochar filters for onsite sewage treatment: Adsorption and biological degradation of pharmaceuticals in laboratory filters with active, inactive and no biofilm. Science of the Total Environment, 2018, 612, 192-201.	3.9	69
56	Determination of polyfluoroalkyl compounds in water and suspended particulate matter in the river Elbe and North Sea, Germany. Frontiers of Environmental Science and Engineering in China, 2009, 3, 152-170.	0.8	66
57	Perfluoroalkyl acids in the Canadian environment: Multi-media assessment of current status and trends. Environment International, 2013, 59, 183-200.	4.8	65
58	Persistence, mobility and bioavailability of emerging organic contaminants discharged from sewage treatment plants. Science of the Total Environment, 2018, 612, 1532-1542.	3.9	65
59	Polyfluoroalkyl compounds in the Canadian Arctic atmosphere. Environmental Chemistry, 2011, 8, 399.	0.7	63
60	An improved method for the analysis of volatile polyfluorinated alkyl substances in environmental air samples. Analytical and Bioanalytical Chemistry, 2007, 387, 965-975.	1.9	62
61	Manufacturing Origin of Perfluorooctanoate (PFOA) in Atlantic and Canadian Arctic Seawater. Environmental Science & Technology, 2012, 46, 677-685.	4.6	62
62	Wastewater treatment plants and landfills emit volatile methyl siloxanes (VMSs) to the atmosphere: Investigations using a new passive air sampler. Environmental Pollution, 2011, 159, 2380-2386.	3.7	59
63	The Adsorption of Per- and Polyfluoroalkyl Substances (PFASs) onto Ferrihydrite Is Governed by Surface Charge. Environmental Science & Technology, 2020, 54, 15722-15730.	4.6	58
64	Wide-scope screening of polar contaminants of concern in water: A critical review of liquid chromatography-high resolution mass spectrometry-based strategies. Trends in Environmental Analytical Chemistry, 2020, 28, e00102.	5.3	58
65	Temporal trends and sedimentâ€“water partitioning of per- and polyfluoroalkyl substances (PFAS) in lake sediment. Chemosphere, 2019, 227, 624-629.	4.2	56
66	Temporal Variations of Cyclic and Linear Volatile Methylsiloxanes in the Atmosphere Using Passive Samplers and High-Volume Air Samplers. Environmental Science & Technology, 2014, 48, 9374-9381.	4.6	55
67	Trends of polyfluoroalkyl compounds in marine biota and in humans. Environmental Chemistry, 2010, 7, 457.	0.7	53
68	Organic micropollutants in water and sediment from Lake MÃlaren, Sweden. Chemosphere, 2020, 258, 127293.	4.2	53
69	Air concentrations and particleâ€“gas partitioning of polyfluoroalkyl compounds at a wastewater treatment plant. Environmental Chemistry, 2011, 8, 363.	0.7	52
70	The Price of Really Clean Water: Combining Nanofiltration with Granular Activated Carbon and Anion Exchange Resins for the Removal of Per- And Polyfluoralkyl Substances (PFASs) in Drinking Water Production. ACS ES&T Water, 2021, 1, 782-795.	2.3	51
71	Elucidation of contamination sources for poly- and perfluoroalkyl substances (PFASs) on Svalbard (Norwegian Arctic). Environmental Science and Pollution Research, 2019, 26, 7356-7363.	2.7	50
72	Fluorotelomer alcohols (FTOHs), brominated flame retardants (BFRs), organophosphorus flame retardants (OPFRs) and cyclic volatile methylsiloxanes (cVMSs) in indoor air from occupational and home environments. Environmental Pollution, 2018, 241, 319-330.	3.7	49

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73	Concentrations of DDTs and Enantiomeric Fractions of Chiral DDTs in Agricultural Soils from Zhejiang Province, China, and Correlations with Total Organic Carbon and pH. Journal of Agricultural and Food Chemistry, 2012, 60, 8294-8301.	2.4	48
74	Stabilization of per- and polyfluoroalkyl substances (PFASs) with colloidal activated carbon (PlumeStopÂ®) as a function of soil clay and organic matter content. Journal of Environmental Management, 2019, 249, 109345.	3.8	48
75	Perfluoroalkyl Acids (PFAAs) in Serum from 2â€“4-Month-Old Infants: Influence of Maternal Serum Concentration, Gestational Age, Breast-Feeding, and Contaminated Drinking Water. Environmental Science & Technology, 2018, 52, 7101-7110.	4.6	47
76	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): letâ€™s cooperate!. Environmental Sciences Europe, 2020, 32, .	2.6	46
77	What's in the water? â€“ Target and suspect screening of contaminants of emerging concern in raw water and drinking water from Europe and Asia. Water Research, 2021, 198, 117099.	5.3	46
78	Assessing Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans in Air across Latin American Countries Using Polyurethane Foam Disk Passive Air Samplers. Environmental Science & Technology, 2015, 49, 3680-3686.	4.6	45
79	Per- and Polyfluoroalkyl-Contaminated Freshwater Impacts Adjacent Riparian Food Webs. Environmental Science & Technology, 2020, 54, 11951-11960.	4.6	45
80	Per- and polyfluoroalkyl substances in water and soil in wastewater-irrigated farmland in Jordan. Science of the Total Environment, 2020, 716, 137057.	3.9	45
81	Thermal desorption as aÂhigh removal remediation technique for soils contaminated with per- and polyfluoroalkyl substances (PFASs). PLoS ONE, 2020, 15, e0234476.	1.1	43
82	Spatial and seasonal trends of organic micropollutants in Swedenâ€™s most important drinking water reservoir. Chemosphere, 2020, 249, 126168.	4.2	43
83	Comparison of Annular Diffusion Denuder and High Volume Air Samplers for Measuring Per- and Polyfluoroalkyl Substances in the Atmosphere. Analytical Chemistry, 2011, 83, 9622-9628.	3.2	42
84	Neutral poly- and perfluoroalkyl substances in air and seawater of the North Sea. Environmental Science and Pollution Research, 2013, 20, 7988-8000.	2.7	40
85	Photobioreactors based on microalgae-bacteria and purple phototrophic bacteria consortia: A promising technology to reduce the load of veterinary drugs from piggery wastewater. Science of the Total Environment, 2019, 692, 259-266.	3.9	40
86	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. Environmental Pollution, 2019, 247, 155-164.	3.7	40
87	Unraveling the chemodiversity of halogenated disinfection by-products formed during drinking water treatment using target and non-target screening tools. Journal of Hazardous Materials, 2021, 401, 123681.	6.5	40
88	Relationship between peroxisome proliferatorâ€activated receptor alpha activity and cellular concentration of 14 perfluoroalkyl substances in HepG2 cells. Journal of Applied Toxicology, 2018, 38, 219-226.	1.4	39
89	Variation and accumulation patterns of poly- and perfluoroalkyl substances (PFAS) in European perch (Perca fluviatilis) across a gradient of pristine Swedish lakes. Science of the Total Environment, 2017, 599-600, 1685-1692.	3.9	38
90	Characterization of polyurethane foam (PUF) and sorbent impregnated PUF (SIP) disk passive air samplers for measuring organophosphate flame retardants. Chemosphere, 2017, 167, 212-219.	4.2	38

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91	A critical review on passive sampling in air and water for per- and polyfluoroalkyl substances (PFASs). TrAC - Trends in Analytical Chemistry, 2019, 121, 115311.	5.8	38
92	Interactions of perfluoroalkyl substances with a phospholipid bilayer studied by neutron reflectometry. Journal of Colloid and Interface Science, 2018, 511, 474-481.	5.0	37
93	Embryotoxicity of ozonated diclofenac, carbamazepine, and oxazepam in zebrafish (Danio rerio). Chemosphere, 2019, 225, 191-199.	4.2	37
94	Calibration and application of passive sampling for per- and polyfluoroalkyl substances in a drinking water treatment plant. Journal of Hazardous Materials, 2019, 362, 230-237.	6.5	36
95	In situ airâ€“water and particleâ€“water partitioning of perfluorocarboxylic acids, perfluorosulfonic acids and perfluorooctyl sulfonamide at a wastewater treatment plant. Chemosphere, 2013, 92, 941-948.	4.2	35
96	Point source characterization of per- and polyfluoroalkyl substances (PFASs) and extractable organofluorine (EOF) in freshwater and aquatic invertebrates. Environmental Sciences: Processes and Impacts, 2019, 21, 1887-1898.	1.7	35
97	Foam fractionation removal of multiple perâ€•and polyfluoroalkyl substances from landfill leachate. AWWA Water Science, 2021, 3, e1238.	1.0	35
98	Occurrence and mass flows of contaminants of emerging concern (CECs) in Sweden's three largest lakes and associated rivers. Chemosphere, 2022, 294, 133825.	4.2	34
99	Losses of poly- and perfluoroalkyl substances to syringe filter materials. Journal of Chromatography A, 2020, 1609, 460430.	1.8	32
100	Use of lignocellulosic substrate colonized by oyster mushroom (Pleurotus ostreatus) for removal of organic micropollutants from water. Journal of Environmental Management, 2020, 272, 111087.	3.8	32
101	Pilot-Scale Continuous Foam Fractionation for the Removal of Per- and Polyfluoroalkyl Substances (PFAS) from Landfill Leachate. ACS ES&T Water, 2022, 2, 841-851.	2.3	32
102	Risk-based screening for prioritisation of organic micropollutants in Swedish freshwater. Journal of Hazardous Materials, 2022, 429, 128302.	6.5	31
103	Temporal trends and spatial differences of perfluoroalkylated substances in livers of harbor porpoise (Phocoena phocoena) populations from Northern Europe, 1991â€“2008. Science of the Total Environment, 2012, 419, 216-224.	3.9	30
104	Electrodialytic per- and polyfluoroalkyl substances (PFASs) removal mechanism for contaminated soil. Chemosphere, 2019, 232, 224-231.	4.2	30
105	Impact of on-site wastewater infiltration systems on organic contaminants in groundwater and recipient waters. Science of the Total Environment, 2019, 651, 1670-1679.	3.9	30
106	Polyfluoroalkyl compounds in the East Greenland Arctic Ocean. Journal of Environmental Monitoring, 2010, 12, 1242.	2.1	29
107	Temporal trends of polyfluoroalkyl compounds (PFCs) in liver tissue of grey seals (Halichoerus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	4.2	29
108	The effect of drinking water contaminated with perfluoroalkyl substances on a 10-year longitudinal trend of plasma levels in an elderly Uppsala cohort. Environmental Research, 2017, 159, 95-102.	3.7	28

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109	Concentrations, fluxes and field calibration of passive water samplers for pesticides and hazard-based risk assessment. Science of the Total Environment, 2018, 637-638, 835-843.	3.9	28
110	Suspect screening based on market data of polar halogenated micropollutants in river water affected by wastewater. Journal of Hazardous Materials, 2021, 401, 123377.	6.5	28
111	The fate of per- and polyfluoroalkyl substances within a melting snowpack of a boreal forest. Environmental Pollution, 2014, 191, 190-198.	3.7	26
112	Perfluoroalkyl Acids (PFAAs) in Childrenâ€™s Serum and Contribution from PFAA-Contaminated Drinking Water. Environmental Science & Technology, 2019, 53, 11447-11457.	4.6	26
113	Identification of Pesticide Transformation Products in Surface Water Using Suspect Screening Combined with National Monitoring Data. Environmental Science & Technology, 2021, 55, 10343-10353.	4.6	26
114	Development and comparison of gas chromatographyâ€“mass spectrometry techniques for analysis of flame retardants. Journal of Chromatography A, 2017, 1481, 116-126.	1.8	25
115	Organic micropollutants, heavy metals and pathogens in anaerobic digestate based on food waste. Journal of Environmental Management, 2022, 313, 114997.	3.8	25
116	Pharmaceuticals in source separated sanitation systems: Fecal sludge and blackwater treatment. Science of the Total Environment, 2020, 703, 135530.	3.9	24
117	Laboratory-scale and pilot-scale stabilization and solidification (S/S) remediation of soil contaminated with per- and polyfluoroalkyl substances (PFASs). Journal of Hazardous Materials, 2021, 402, 123453.	6.5	23
118	The relevant role of ion mobility separation in LC-HRMS based screening strategies for contaminants of emerging concern in the aquatic environment. Chemosphere, 2021, 280, 130799.	4.2	23
119	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. Environmental Science & Technology, 2022, 56, 5456-5465.	4.6	23
120	Removal of per- and polyfluoroalkyl substances (PFASs) from tap water using heterogeneously catalyzed ozonation. Environmental Science: Water Research and Technology, 2019, 5, 1887-1896.	1.2	22
121	Impacts of Climate and Feeding Conditions on the Annual Accumulation (1986â€“2009) of Persistent Organic Pollutants in a Terrestrial Raptor. Environmental Science & Technology, 2011, 45, 7542-7547.	4.6	21
122	Perfluoroalkyl substance concentrations in a terrestrial raptor: Relationships to environmental conditions and individual traits. Environmental Toxicology and Chemistry, 2015, 34, 184-191.	2.2	21
123	Occurrence and Gasâ€“Particle Partitioning of Organic UV-Filters in Urban Air. Environmental Science & Technology, 2020, 54, 12881-12889.	4.6	21
124	Screening of organic micropollutants in raw and drinking water in the Yangtze River Delta, China. Environmental Sciences Europe, 2020, 32, .	2.6	21
125	Quantification of Biodriven Transfer of Per- and Polyfluoroalkyl Substances from the Aquatic to the Terrestrial Environment via Emergent Insects. Environmental Science & Technology, 2021, 55, 7900-7909.	4.6	19
126	Profiles of environmental antibiotic resistomes in the urban aquatic recipients of Sweden using high-throughput quantitative PCR analysis. Environmental Pollution, 2021, 287, 117651.	3.7	18

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127	Simultaneous analysis of neutral and ionizable per- and polyfluoroalkyl substances in air. Chemosphere, 2021, 280, 130607.	4.2	18
128	Distribution of perfluoroalkyl compounds and mercury in fish liver from high-mountain lakes in France originating from atmospheric deposition. Environmental Chemistry, 2010, 7, 422.	0.7	17
129	Development of a suspect screening prioritization tool for organic compounds in water and biota. Chemosphere, 2019, 222, 904-912.	4.2	16
130	Sorption Characteristics and Removal Efficiency of Organic Micropollutants in Drinking Water Using Granular Activated Carbon (GAC) in Pilot-Scale and Full-Scale Tests. Water (Switzerland), 2020, 12, 2053.	1.2	15
131	A step forward in the detection of byproducts of anthropogenic organic micropollutants in chlorinated water. Trends in Environmental Analytical Chemistry, 2021, 32, e00148.	5.3	15
132	Evaluation of five filter media in column experiment on the removal of selected organic micropollutants and phosphorus from household wastewater. Journal of Environmental Management, 2019, 246, 920-928.	3.8	14
133	Impact of the Sediment Organic vs. Mineral Content on Distribution of the Per- and Polyfluoroalkyl Substances (PFAS) in Lake Sediment. International Journal of Environmental Research and Public Health, 2020, 17, 5642.	1.2	14
134	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. Talanta, 2020, 219, 121294.	2.9	14
135	Investigating the OECD database of per- and polyfluoroalkyl substances â€“ chemical variation and applicability of current fate models. Environmental Chemistry, 2020, 17, 498.	0.7	14
136	Electrokinetic remediation for removal of per- and polyfluoroalkyl substances (PFASs) from contaminated soil. Chemosphere, 2022, 291, 133041.	4.2	14
137	Binding of per- and polyfluoroalkyl substances (PFASs) by organic soil materials with different structural composition â€“ Charge- and concentration-dependent sorption behavior. Chemosphere, 2022, 297, 134167.	4.2	14
138	Themed issues on per- and polyfluoroalkyl substances. Environmental Sciences: Processes and Impacts, 2019, 21, 1797-1802.	1.7	13
139	Spatial distribution of polyfluoroalkyl compounds in dab (Limanda limanda) bile fluids from Iceland and the North Sea. Marine Pollution Bulletin, 2010, 60, 145-148.	2.3	11
140	Seasonal trends of legacy and alternative flame retardants in river water in a boreal catchment. Science of the Total Environment, 2019, 692, 1097-1105.	3.9	11
141	Reprint of: Temporal trends of polyfluoroalkyl compounds (PFCs) in liver tissue of grey seals (Halichoerus grypus) from the Baltic Sea, 1974â€“2008. Chemosphere, 2011, 85, 253-261.	4.2	10
142	In vitro bioanalytical evaluation of removal efficiency for bioactive chemicals in Swedish wastewater treatment plants. Scientific Reports, 2019, 9, 7166.	1.6	10
143	Non-target and suspect screening strategies for electrodialytic soil remediation evaluation: Assessing changes in the molecular fingerprints and per- and polyfluoroalkyl substances (PFASs). Journal of Environmental Chemical Engineering, 2020, 8, 104437.	3.3	10
144	Thyroid function and immune status in perch (Perca fluviatilis) from lakes contaminated with PFASs or PCBs. Ecotoxicology and Environmental Safety, 2021, 222, 112495.	2.9	10

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145	Uptake of perfluoroalkyl substances, pharmaceuticals, and parabens by oyster mushrooms (Pleurotus) Tj ETQq1 1 0.784314 rgBT /Overl	4.2	10
146	Influence of natural organic matter on the extraction efficiency of flame retardants from surface waters. Journal of Chromatography A, 2017, 1524, 74-86.	1.8	9
147	Mass fluxes per capita of organic contaminants from on-site sewage treatment facilities. Chemosphere, 2018, 201, 864-873.	4.2	9
148	Per- and polyfluoroalkyl substance (PFAS) retention by colloidal activated carbon (CAC) using dynamic column experiments. Environmental Pollution, 2022, 308, 119667.	3.7	9
149	The Role of Spring Flood and Landscape Type in the Terrestrial Export of Polycyclic Aromatic Compounds to Streamwater. Environmental Science & Technology, 2018, 52, 6217-6225.	4.6	8
150	Spatial distribution of legacy pesticides in river sediment from the Republic of Moldova. Chemosphere, 2021, 279, 130923.	4.2	8
151	Effect-based assessment of recipient waters impacted by on-site, small scale, and large scale waste water treatment facilities â€“ combining passive sampling with in vitro bioassays and chemical analysis. Scientific Reports, 2018, 8, 17200.	1.6	7
152	Novel prioritisation strategies for evaluation of temporal trends in archived white-tailed sea eagle muscle tissue in non-target screening. Journal of Hazardous Materials, 2022, 424, 127331.	6.5	7
153	Real-time detection of per-fluoroalkyl substance (PFAS) self-assembled monolayers in nanoporous interferometers. Sensors and Actuators B: Chemical, 2022, 355, 131340.	4.0	5
154	Themed issues on per- and polyfluoroalkyl substances. Environmental Science: Water Research and Technology, 2019, 5, 1808-1813.	1.2	4
155	Mining chemical information in Swedish wastewaters for simultaneous assessment of population consumption, treatment efficiency and environmental discharge of illicit drugs. Scientific Reports, 2021, 11, 13510.	1.6	4
156	Are preserved coastal water bodies in Spanish Mediterranean basin impacted by human activity? Water quality evaluation using chemical and biological analyses. Environment International, 2022, 165, 107326.	4.8	4
157	Characterization and Application of Passive Samplers for Monitoring of Pesticides in Water. Journal of Visualized Experiments, 2016, , .	0.2	3
158	Removal of micropollutants and nutrients in household wastewater using organic and inorganic sorbents. , 0, 120, 88-108.		3
159	Application of a novel prioritisation strategy using non-target screening for evaluation of temporal trends (1969â€“2017) of contaminants of emerging concern (CECs) in archived lynx muscle tissue samples. Science of the Total Environment, 2022, 817, 153035.	3.9	2
160	Response to comment on â€œIn situ airâ€“water and particleâ€“water partitioning of perfluorocarboxylic acids, perfluorosulfonic acids and perfluorooctyl sulfonamide at a wastewater treatment plantâ€• Chemosphere, 2013, 93, 2207.	4.2	0