

Urs Berger

List of Publications by Year in descending order

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papers

8,848
citations

46918

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77
all docs

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docs citations

77
times ranked

6396
citing authors

#	ARTICLE	IF	CITATIONS
1	Perfluoroalkyl and polyfluoroalkyl substances in the environment: Terminology, classification, and origins. <i>Integrated Environmental Assessment and Management</i> , 2011, 7, 513-541.	1.6	2,567
2	Levels and trends of poly- and perfluorinated compounds in the arctic environment. <i>Science of the Total Environment</i> , 2010, 408, 2936-2965.	3.9	383
3	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
4	Mind the Gap: Persistent and Mobile Organic Compounds in Water Contaminants That Slip Through. <i>Environmental Science & Technology</i> , 2016, 50, 10308-10315.	4.6	280
5	Analysis of per- and polyfluorinated alkyl substances in air samples from Northwest Europe. <i>Journal of Environmental Monitoring</i> , 2007, 9, 530.	2.1	255
6	Fish consumption as a source of human exposure to perfluorinated alkyl substances in Sweden - Analysis of edible fish from Lake Vättern and the Baltic Sea. <i>Chemosphere</i> , 2009, 76, 799-804.	4.2	211
7	Riverine Discharge of Perfluorinated Carboxylates from the European Continent. <i>Environmental Science & Technology</i> , 2007, 41, 7260-7265.	4.6	210
8	Peer Reviewed: Analytical Challenges Hamper Perfluoroalkyl Research. <i>Environmental Science & Technology</i> , 2004, 38, 248A-255A.	4.6	201
9	Dietary exposure to perfluoroalkyl acids for the Swedish population in 1999, 2005 and 2010. <i>Environment International</i> , 2012, 49, 120-127.	4.8	172
10	Perfluorinated Alkyl Substances in Plasma, Liver, Brain, and Eggs of Glaucous Gulls (<i>Larus</i>)	4.6	164
11	Occurrence of emerging persistent and mobile organic contaminants in European water samples. <i>Water Research</i> , 2019, 153, 80-90.	5.3	154
12	Chlorinated paraffins in indoor air and dust: Concentrations, congener patterns, and human exposure. <i>Environment International</i> , 2011, 37, 1169-1174.	4.8	152
13	Trace analysis of per- and polyfluorinated alkyl substances in various matrices - How do current methods perform?. <i>Journal of Chromatography A</i> , 2009, 1216, 410-421.	1.8	151
14	Fast Quantification of Chlorinated Paraffins in Environmental Samples by Direct Injection High-Resolution Mass Spectrometry with Pattern Deconvolution. <i>Analytical Chemistry</i> , 2015, 87, 2852-2860.	3.2	142
15	Latitudinal Gradient of Airborne Polyfluorinated Alkyl Substances in the Marine Atmosphere between Germany and South Africa (53° N - 33° S). <i>Environmental Science & Technology</i> , 2007, 41, 3055-3061.	4.6	127
16	Estrogen-Like Properties of Fluorotelomer Alcohols as Revealed by MCF-7 Breast Cancer Cell Proliferation. <i>Environmental Health Perspectives</i> , 2006, 114, 100-105.	2.8	125
17	Quantitative Determination and Structure Elucidation of Type A- and B-Trichothecenes by HPLC/Ion Trap Multiple Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 4240-4245.	2.4	111
18	Selective serotonin reuptake inhibitors in sewage influents and effluents from Tromsø, Norway. <i>Journal of Chromatography A</i> , 2006, 1115, 187-195.	1.8	109

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19	Validation of a screening method based on liquid chromatography coupled to high-resolution mass spectrometry for analysis of perfluoroalkylated substances in biota. <i>Journal of Chromatography A</i> , 2005, 1081, 210-217.	1.8	105
20	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
21	Simultaneous determination of perfluoroalkyl phosphonates, carboxylates, and sulfonates in drinking water. <i>Journal of Chromatography A</i> , 2011, 1218, 6388-6395.	1.8	102
22	Two Trace Analytical Methods for Determination of Hydroxylated PCBs and Other Halogenated Phenolic Compounds in Eggs from Norwegian Birds of Prey. <i>Analytical Chemistry</i> , 2004, 76, 441-452.	3.2	98
23	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
24	Crystallization of Supramolecular Materials: Perhydrotriphenylene(PHTP) Inclusion Compounds with Nonlinear Optical Properties. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1664-1666.	4.4	92
25	Tissue Distribution of Perfluorinated Surfactants in Common Guillemot (<i>Uria aalge</i>) from the Baltic Sea. <i>Environmental Science & Technology</i> , 2008, 42, 5879-5884.	4.6	92
26	Early life exposure to per- and polyfluoroalkyl substances (PFASs): A critical review. <i>Emerging Contaminants</i> , 2017, 3, 55-68.	2.2	91
27	Trends of Perfluorinated Alkyl Substances in Herring Gull Eggs from Two Coastal Colonies in Northern Norway: 1983-2003. <i>Environmental Science & Technology</i> , 2007, 41, 6671-6677.	4.6	90
28	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
29	Temporal Trends of Perfluorinated Surfactants in Swedish Peregrine Falcon Eggs (<i>Falco tinnunculus</i>). <i>Environmental Science & Technology</i> , 2017, 51, 1074-1081.	4.6	77
30	Recent developments in trace analysis of poly- and perfluoroalkyl substances. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1625-1635.	1.9	76
31	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
32	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
33	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
34	Perfluoroalkyl acids and their precursors in indoor air sampled in children's bedrooms. <i>Environmental Pollution</i> , 2017, 222, 423-432.	3.7	74
35	A matrix effect-free method for reliable quantification of perfluoroalkyl carboxylic acids and perfluoroalkane sulfonic acids at low parts per trillion levels in dietary samples. <i>Journal of Chromatography A</i> , 2012, 1237, 64-71.	1.8	72
36	Deconvolution of Soft Ionization Mass Spectra of Chlorinated Paraffins To Resolve Congener Groups. <i>Analytical Chemistry</i> , 2016, 88, 8980-8988.	3.2	68

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37	Development and application of a simplified sampling method for volatile polyfluorinated alkyl substances in indoor and environmental air. <i>Journal of Chromatography A</i> , 2007, 1164, 1-9.	1.8	67
38	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
39	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
40	An improved method for the analysis of volatile polyfluorinated alkyl substances in environmental air samples. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 965-975.	1.9	62
41	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
42	Quantifying Short-Chain Chlorinated Paraffin Congener Groups. <i>Environmental Science & Technology</i> , 2017, 51, 10633-10641.	4.6	59
43	Mass Balance of Perfluoroalkyl Acids in the Baltic Sea. <i>Environmental Science & Technology</i> , 2013, 47, 4088-4095.	4.6	57
44	Perfluoroalkyl acid levels in first-time mothers in relation to offspring weight gain and growth. <i>Environment International</i> , 2018, 111, 191-199.	4.8	54
45	Filling the knowledge gap: A suspect screening study for 1310 potentially persistent and mobile chemicals with SFC- and HILIC-HRMS in two German river systems. <i>Water Research</i> , 2021, 204, 117645.	5.3	53
46	Organic pollutants in compost and digestate. : Part 2. Polychlorinated dibenzo-p-dioxins, and -furans, dioxin-like polychlorinated biphenyls, brominated flame retardants, perfluorinated alkyl substances, pesticides, and other compounds. <i>Journal of Environmental Monitoring</i> , 2007, 9, 465-472.	2.1	52
47	Mass Balance of Perfluorinated Alkyl Acids in a Pristine Boreal Catchment. <i>Environmental Science & Technology</i> , 2015, 49, 12127-12135.	4.6	50
48	Using REACH registration data to rank the environmental emission potential of persistent and mobile organic chemicals. <i>Science of the Total Environment</i> , 2018, 625, 1122-1128.	3.9	50
49	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.	4.6	47
50	Longitudinal trends of per- and polyfluoroalkyl substances in children's serum. <i>Environment International</i> , 2018, 121, 591-599.	4.8	39
51	Analysis of HO-PCBs and PCP in blood plasma from individuals with high PCB exposure living on the Chukotka Peninsula in the Russian Arctic. <i>Journal of Environmental Monitoring</i> , 2004, 6, 758.	2.1	38
52	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
53	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
54	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

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55	Determination of perfluoroalkyl carboxylic, sulfonic, and phosphonic acids in food. Analytical and Bioanalytical Chemistry, 2012, 404, 2193-2201.	1.9	34
56	A rapid method for quantification of persistent and mobile organic substances in water using supercritical fluid chromatography coupled to high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2020, 412, 4941-4952.	1.9	34
57	Increasing Concentrations of Perfluoroalkyl Acids in Scandinavian Otters (<i>Lutra lutra</i>) between 1972 and 2011: A New Threat to the Otter Population?. Environmental Science & Technology, 2013, 47, 11757-11765.	4.6	33
58	Temporal trends of perfluorooctanesulfonate isomer and enantiomer patterns in archived Swedish and American serum samples. Environment International, 2015, 75, 215-222.	4.8	33
59	Perfluorooctane sulfonate accumulation and parasite infestation in a field population of the amphipod <i>Monoporeia affinis</i> after microcosm exposure. Aquatic Toxicology, 2010, 98, 99-106.	1.9	31
60	Temporal trends of perfluoroalkane sulfonic acids and their sulfonamide-based precursors in herring from the Swedish west coast 1991-2011 including isomer-specific considerations. Environment International, 2014, 65, 63-72.	4.8	31
61	Laboratory Studies on the Fate of Perfluoroalkyl Carboxylates and Sulfonates during Snowmelt. Environmental Science & Technology, 2011, 45, 6872-6878.	4.6	30
62	Developmental toxicity of PFOS and PFOA in great cormorant (<i>Phalacrocorax carbo sinensis</i>), herring gull (<i>Larus argentatus</i>) and chicken (<i>Gallus gallus domesticus</i>). Environmental Science and Pollution Research, 2016, 23, 10855-10862.	2.7	30
63	High levels of perfluoroalkyl acids in eggs and embryo livers of great cormorant (<i>Phalacrocorax</i>) Tj ETQq1 1 0.784314 rgBT /Overlock and Pollution Research, 2013, 20, 8021-8030.	2.7	27
64	Perfluoroalkyl Acids (PFAAs) in Children's Serum and Contribution from PFAA-Contaminated Drinking Water. Environmental Science & Technology, 2019, 53, 11447-11457.	4.6	26
65	Chromatographic enrichment and enantiomer separation of axially chiral polybrominated biphenyls in a technical mixture. Journal of Chromatography A, 2002, 973, 123-133.	1.8	24
66	Mucosal-associated invariant T-Cell (MAIT) activation is altered by chlorpyrifos- and glyphosate-treated commensal gut bacteria. Journal of Immunotoxicology, 2020, 17, 10-20.	0.9	22
67	Trace Analytical Methods for Semifluorinated <i>n</i> -Alkanes in Snow, Soil, and Air. Analytical Chemistry, 2010, 82, 4551-4557.	3.2	20
68	Spatial profiles of perfluoroalkyl substances and mercury in fish from northern Lake Victoria, East Africa. Chemosphere, 2020, 260, 127536.	4.2	18
69	Trace analysis by HPLC-MS: contamination problems and systematic errors. TrAC - Trends in Analytical Chemistry, 2002, 21, 322-331.	5.8	16
70	Theoretical and Experimental Simulation of the Fate of Semifluorinated <i>n</i> -Alkanes during Snowmelt. Environmental Science & Technology, 2010, 44, 6692-6697.	4.6	16
71	Determination of transformation products of per- and polyfluoroalkyl substances at trace levels in agricultural plants. Journal of Chromatography A, 2020, 1625, 461271.	1.8	16
72	Analytical strategies for successful enantioselective separation of atropisomeric polybrominated biphenyls 132 and 149 in environmental samples. Journal of Chromatography A, 2005, 1063, 193-199.	1.8	15

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73	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
74	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
75	Analysis of S-Adenosylmethionine and S-Adenosylhomocysteine: Method Optimisation and Profiling in Healthy Adults upon Short-Term Dietary Intervention. <i>Metabolites</i> , 2022, 12, 373.	1.3	11
76	Comparative hepatic gene expression profiling of rats treated with 1H,1H,2H,2H-heptadecafluorodecan-1-ol or with pentadecafluorooctanoic acid. <i>Physiological Genomics</i> , 2008, 34, 285-303.	1.0	8
77	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