Ian Cousins

List of Publications by Year
in descending order

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182 papers	19,678 citations	14655 66 h-index	11308 136 g-index
195 all docs	195 docs citations	195 times ranked	11708 citing authors

#	Article	IF	Citations
1	Perfluoroalkyl and polyfluoroalkyl substances in the environment: Terminology, classification, and origins. Integrated Environmental Assessment and Management, 2011, 7, 513-541.	2.9	2,567
2	Sources, Fate and Transport of Perfluorocarboxylates. Environmental Science & Technology, 2006, 40, 32-44.	10.0	2,053
3	A Never-Ending Story of Per- and Polyfluoroalkyl Substances (PFASs)?. Environmental Science & Technology, 2017, 51, 2508-2518.	10.0	971
4	An overview of the uses of per- and polyfluoroalkyl substances (PFAS). Environmental Sciences: Processes and Impacts, 2020, 22, 2345-2373.	3.5	632
5	Fluorinated alternatives to long-chain perfluoroalkyl carboxylic acids (PFCAs), perfluoroalkane sulfonic acids (PFSAs) and their potential precursors. Environment International, 2013, 60, 242-248.	10.0	623
6	Global emission inventories for C4â€“C14 perfluoroalkyl carboxylic acid (PFCA) homologues from 1951 to 2030, Part I: production and emissions from quantifiable sources. Environment International, 2014, 70, 62-75.	10.0	521
7	Hazard assessment of fluorinated alternatives to long-chain perfluoroalkyl acids (PFAAs) and their precursors: Status quo, ongoing challenges and possible solutions. Environment International, 2015, 75, 172-179.	10.0	420
8	Estimating Consumer Exposure to PFOS and PFOA. Risk Analysis, 2008, 28, 251-269.	2.7	388
9	Tracking the Pathways of Human Exposure to Perfluorocarboxylates. Environmental Science & Technology, 2009, 43, 5565-5575.	10.0	339
10	Human exposure, hazard and risk of alternative plasticizers to phthalate esters. Science of the Total Environment, 2016, 541, 451-467.	8.0	296
11	Comparing the toxic potency in vivo of long-chain perfluoroalkyl acids and fluorinated alternatives. Environment International, 2018, 113, 1-9.	10.0	258
12	Towards the review of the European Union Water Framework Directive: Recommendations for more efficient assessment and management of chemical contamination in European surface water resources. Science of the Total Environment, 2017, 576, 720-737.	8.0	255
13	Modeling Global-Scale Fate and Transport of Perfluorooctanoate Emitted from Direct Sources. Environmental Science & Technology, 2006, 40, 6969-6975.	10.0	217
14	A review of the processes involved in the exchange of semi-volatile organic compounds (SVOC) across the airâ€“soil interface. Science of the Total Environment, 1999, 228, 5-24.	8.0	209
15	Comparative Assessment of the Global Fate and Transport Pathways of Long-Chain Perfluorocarboxylic Acids (PFCAs) and Perfluorocarboxylates (PFCs) Emitted from Direct Sources. Environmental Science & Technology, 2009, 43, 5830-5836.	10.0	206
16	Using COSMOtherm to predict physicochemical properties of poly- and perfluorinated alkyl substances (PFASs). Environmental Chemistry, 2011, 8, 389.	1.5	202
17	The Madrid Statement on Poly- and Perfluoroalkyl Substances (PFASs). Environmental Health Perspectives, 2015, 123, A107-11.	6.0	199
18	Assessing the environmental fate of chemicals of emerging concern: a case study of the polybrominated diphenyl ethers. Environmental Pollution, 2002, 117, 195-213.	7.5	188

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19	Levels, Isomer Profiles, and Estimated Riverine Mass Discharges of Perfluoroalkyl Acids and Fluorinated Alternatives at the Mouths of Chinese Rivers. Environmental Science & Technology, 2016, 50, 11584-11592.	10.0	186
20	Global emission inventories for C4â€“C14 perfluoroalkyl carboxylic acid (PFCA) homologues from 1951 to 2030, part II: The remaining pieces of the puzzle. Environment International, 2014, 69, 166-176.	10.0	185
21	Biodegradation of microcystin-LR by indigenous mixed bacterial populations. Water Research, 1996, 30, 481-485.	11.3	175
22	HelsingÃ¸r Statement on poly- and perfluorinated alkyl substances (PFASs). Chemosphere, 2014, 114, 337-339.	8.2	175
23	Dietary exposure to perfluoroalkyl acids for the Swedish population in 1999, 2005 and 2010. Environment International, 2012, 49, 120-127.	10.0	172
24	A Multimedia Assessment of the Environmental Fate of Bisphenol A. Human and Ecological Risk Assessment (HERA), 2002, 8, 1107-1135.	3.4	170
25	The SOLUTIONS project: Challenges and responses for present and future emerging pollutants in land and water resources management. Science of the Total Environment, 2015, 503-504, 22-31.	8.0	163
26	Estimating the contribution of precursor compounds in consumer exposure to PFOS and PFOA. Chemosphere, 2008, 73, 1617-1624.	8.2	161
27	Modeling the Global Fate and Transport of Perfluorooctane Sulfonate (PFOS) and Precursor Compounds in Relation to Temporal Trends in Wildlife Exposure. Environmental Science & Technology, 2009, 43, 9274-9280.	10.0	158
28	Multi-pathway human exposure assessment of phthalate esters and DINCH. Environment International, 2018, 112, 115-126.	10.0	157
29	Enhanced Elimination of Perfluorooctane Sulfonic Acid by Menstruating Women: Evidence from Population-Based Pharmacokinetic Modeling. Environmental Science & Technology, 2014, 48, 8807-8814.	10.0	153
30	Modeling the Global Fate and Transport of Perfluorooctanoic Acid (PFOA) and Perfluorooctanoate (PFO) Emitted from Direct Sources Using a Multispecies Mass Balance Model. Environmental Science & Technology, 2009, 43, 1134-1140.	10.0	151
31	The precautionary principle and chemicals management: The example of perfluoroalkyl acids in groundwater. Environment International, 2016, 94, 331-340.	10.0	151
32	Perfluoroalkyl acids in municipal landfill leachates from China: Occurrence, fate during leachate treatment and potential impact on groundwater. Science of the Total Environment, 2015, 524-525, 23-31.	8.0	149
33	Are Fluoropolymers Really of Low Concern for Human and Environmental Health and Separate from Other PFAS?. Environmental Science & Technology, 2020, 54, 12820-12828.	10.0	149
34	Airâ^'Surface Exchange of Polybrominated Diphenyl Ethers and Polychlorinated Biphenyls. Environmental Science & Technology, 2002, 36, 1426-1434.	10.0	146
35	A modeling assessment of the physicochemical properties and environmental fate of emerging and novel per- and polyfluoroalkyl substances. Science of the Total Environment, 2015, 505, 981-991.	8.0	144
36	Correlating the physicalâ€“chemical properties of phthalate esters using the `three solubility' approach. Chemosphere, 2000, 41, 1389-1399.	8.2	136

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37	A New OECD Definition for Per- and Polyfluoroalkyl Substances. Environmental Science & Technology, 2021, 55, 15575-15578.	10.0	134
38	Strategies for including vegetation compartments in multimedia models. Chemosphere, 2001, 44, 643-654.	8.2	133
39	What is the effect of phasing out long-chain per- and polyfluoroalkyl substances on the concentrations of perfluoroalkyl acids and their precursors in the environment? A systematic review. Environmental Evidence, 2018, 7, .	2.7	132
40	Strategies for grouping per- and polyfluoroalkyl substances (PFAS) to protect human and environmental health. Environmental Sciences: Processes and Impacts, 2020, 22, 1444-1460.	3.5	126
41	The concept of essential use for determining when uses of PFASs can be phased out. Environmental Sciences: Processes and Impacts, 2019, 21, 1803-1815.	3.5	125
42	The high persistence of PFAS is sufficient for their management as a chemical class. Environmental Sciences: Processes and Impacts, 2020, 22, 2307-2312.	3.5	125
43	Contribution of Volatile Precursor Substances to the Flux of Perfluorooctanoate to the Arctic. Environmental Science & Technology, 2008, 42, 3710-3716.	10.0	123
44	Airâ€“soil exchange of semi-volatile organic compounds (SOCs) in the UK. Environmental Pollution, 1998, 102, 105-118.	7.5	121
45	Measuring and modelling the vertical distribution of semi-volatile organic compounds in soils. I: PCB and PAH soil core data. Chemosphere, 1999, 39, 2507-2518.	8.2	116
46	PCB in soils and estimated soilâ€“air exchange fluxes of selected PCB congeners in the south of Sweden. Environmental Pollution, 2004, 128, 59-72.	7.5	116
47	Trophodynamics of mercury and other trace elements in a pelagic food chain from the Baltic Sea. Science of the Total Environment, 2009, 407, 6267-6274.	8.0	111
48	Toward a Comprehensive Global Emission Inventory of C₄â€“C₁₀ Perfluoroalkanesulfonic Acids (PFSAs) and Related Precursors: Focus on the Life Cycle of C₈-Based Products and Ongoing Industrial Transition. Environmental Science & Technology, 2017, 51, 4482-4493.	10.0	109
49	Exploring the Balance between Sources, Deposition, and the Environmental Burden of PCDD/Fs in the U.K. Terrestrial Environment:Â An Aid To Identifying Uncertainties and Research Needs. Environmental Science & Technology, 1997, 31, 1-11.	10.0	107
50	Why is high persistence alone a major cause of concern?. Environmental Sciences: Processes and Impacts, 2019, 21, 781-792.	3.5	106
51	Estimating human exposure to PFOS isomers and PFCA homologues: The relative importance of direct and indirect (precursor) exposure. Environment International, 2015, 74, 160-169.	10.0	103
52	Influence of global climate change on chemical fate and bioaccumulation: The role of multimedia models. Environmental Toxicology and Chemistry, 2013, 32, 20-31.	4.3	102
53	Properties, performance and associated hazards of state-of-the-art durable water repellent (DWR) chemistry for textile finishing. Environment International, 2016, 91, 251-264.	10.0	100
54	Estimation of the Acid Dissociation Constant of Perfluoroalkyl Carboxylic Acids through an Experimental Investigation of their Water-to-Air Transport. Environmental Science & Technology, 2013, 47, 11032-11039.	10.0	97

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55	Biomagnification of organic pollutants in benthic and pelagic marine food chains from the Baltic Sea. Science of the Total Environment, 2008, 397, 190-204.	8.0	93
56	Confronting Unknown Planetary Boundary Threats from Chemical Pollution. Environmental Science & Technology, 2013, 47, 12619-12622.	10.0	92
57	Early life exposure to per- and polyfluoroalkyl substances (PFASs): A critical review. Emerging Contaminants, 2017, 3, 55-68.	4.9	91
58	ZÃ¼rich Statement on Future Actions on Per- and Polyfluoroalkyl Substances (PFASs). Environmental Health Perspectives, 2018, 126, 84502.	6.0	91
59	Is Ongoing Sulfluramid Use in South America a Significant Source of Perfluorooctanesulfonate (PFOS)? Production Inventories, Environmental Fate, and Local Occurrence. Environmental Science & Technology, 2016, 50, 653-659.	10.0	87
60	Gasâ^'Particle Partitioning of Organic Compounds and Its Interpretation Using Relative Solubilities. Environmental Science & Technology, 2001, 35, 643-647.	10.0	78
61	Perfluoroalkyl acids and their precursors in floor dust of children's bedrooms â€“ Implications for indoor exposure. Environment International, 2018, 119, 493-502.	10.0	76
62	Europe-wide estuarine export and surface water concentrations of PFOS and PFOA. Water Research, 2016, 103, 124-132.	11.3	75
63	Perfluoroalkyl acids and their precursors in indoor air sampled in children's bedrooms. Environmental Pollution, 2017, 222, 423-432.	7.5	74
64	Physicalâ€“chemical properties and evaluative fate modelling of â€˜emergingâ€™ and â€˜novelâ€™ brominated and organophosphorus flame retardants in the indoor and outdoor environment. Science of the Total Environment, 2015, 524-525, 416-426.	8.0	73
65	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. Journal of Chromatography A, 2012, 1237, 64-71.	3.7	72
66	Global transport of perfluoroalkyl acidsviasea spray aerosol. Environmental Sciences: Processes and Impacts, 2019, 21, 635-649.	3.5	68
67	Evaluation of sequentially-coupled POP fluxes estimated from simultaneous measurements in multiple compartments of an airâ€“waterâ€“sediment system. Environmental Pollution, 2004, 128, 85-97.	7.5	67
68	Evaluation of human pharmaceutical emissions and concentrations in Swedish river basins. Science of the Total Environment, 2016, 572, 508-519.	8.0	66
69	A dynamic level IV multimedia environmental model: Application to the fate of polychlorinated biphenyls in the United Kingdom over a 60â€year period. Environmental Toxicology and Chemistry, 2002, 21, 930-940.	4.3	62
70	Bioaccumulation of perfluoroalkyl acids in dairy cows in a naturally contaminated environment. Environmental Science and Pollution Research, 2013, 20, 7959-7969.	5.3	62
71	Identifying Chemicals That Are Planetary Boundary Threats. Environmental Science & Technology, 2014, 48, 11057-11063.	10.0	62
72	Emissions and fate of brominated flame retardants in the indoor environment: A critical review of modelling approaches. Science of the Total Environment, 2014, 491-492, 87-99.	8.0	62

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73	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. Environment International, 2016, 89-90, 235-247.	10.0	62
74	Release of Side-Chain Fluorinated Polymer-Containing Microplastic Fibers from Functional Textiles During Washing and First Estimates of Perfluoroalkyl Acid Emissions. Environmental Science & Technology, 2019, 53, 14329-14338.	10.0	61
75	Historical human exposure to perfluoroalkyl acids in the United States and Australia reconstructed from biomonitoring data using population-based pharmacokinetic modelling. Environment International, 2017, 108, 92-102.	10.0	59
76	Development and application of a generalized physiologically based pharmacokinetic model for multiple environmental contaminants. Environmental Toxicology and Chemistry, 2003, 22, 26-34.	4.3	54
77	Water-to-air transfer of perfluorinated carboxylates and sulfonates in a sea spray simulator. Environmental Chemistry, 2011, 8, 381.	1.5	54
78	Comparison and analysis of different approaches for estimating the human exposure to phthalate esters. Environment International, 2007, 33, 283-291.	10.0	53
79	A large-scale model for simulating the fate & transport of organic contaminants in river basins. Chemosphere, 2016, 144, 803-810.	8.2	52
80	Are imported consumer products an important diffuse source of PFASs to the Norwegian environment?. Environmental Pollution, 2015, 198, 223-230.	7.5	51
81	An Outdoor Aging Study to Investigate the Release of Per- And Polyfluoroalkyl Substances (PFAS) from Functional Textiles. Environmental Science & Technology, 2022, 56, 3471-3479.	10.0	51
82	Assessment of Critical Exposure Pathways. Handbook of Environmental Chemistry, 2003, , 227-262.	0.4	50
83	Comparison of two methods for obtaining degradation half-lives. Chemosphere, 2004, 56, 531-535.	8.2	50
84	Efficient removal of perfluorooctane sulfonate from aqueous film-forming foam solution by aeration-foam collection. Chemosphere, 2018, 203, 263-270.	8.2	50
85	Reconciling measurement and modelling studies of the sources and fate of perfluorinated carboxylates. Environmental Chemistry, 2011, 8, 339.	1.5	49
86	Environmental Sources, Chemistry, Fate, and Transport of Perâ€•and Polyfluoroalkyl Substances: State of the Science, Key Knowledge Gaps, and Recommendations Presented at the August 2019 SETAC Focus Topic Meeting. Environmental Toxicology and Chemistry, 2021, 40, 3234-3260.	4.3	49
87	Temporal trends in dioxins (polychlorinated dibenzo-p-dioxin and dibenzofurans) and dioxin-like polychlorinated biphenyls in Baltic herring (Clupea harengus). Marine Pollution Bulletin, 2013, 73, 220-230.	5.0	48
88	Highly fluorinated chemicals in functional textiles can be replaced by re-evaluating liquid repellency and end-user requirements. Journal of Cleaner Production, 2019, 217, 134-143.	9.3	48
89	Lack of an Aging Effect on the Soilâ^'Air Partitioning of Polychlorinated Biphenyls. Environmental Science & Technology, 1998, 32, 2734-2740.	10.0	47
90	Polychlorinated biphenyls (PCBs) as sentinels for the elucidation of Arctic environmental change processes: a comprehensive review combined with ArcRisk project results. Environmental Science and Pollution Research, 2018, 25, 22499-22528.	5.3	47

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91	PAHs in soils: contemporary UK data and evidence for potential contamination problems caused by exposure of samples to laboratory air. Science of the Total Environment, 1997, 203, 141-156.	8.0	45
92	Levels and vertical distribution of PCBs in agricultural and natural soils from Sweden. Science of the Total Environment, 2006, 371, 344-352.	8.0	45
93	Temporal trends (1999â€“2010) of perfluoroalkyl acids in commonly consumed food items. Environmental Pollution, 2014, 188, 102-108.	7.5	45
94	Measuring and modelling the vertical distribution of semi-volatile organic compounds in soils. II: model development. Chemosphere, 1999, 39, 2519-2534.	8.2	42
95	Persistence, Bioaccumulation, and Toxicity of Halogen-Free Flame Retardants. Reviews of Environmental Contamination and Toxicology, 2013, 222, 1-71.	1.3	42
96	General fugacityâ€based model to predict the environmental fate of multiple chemical species. Environmental Toxicology and Chemistry, 2003, 22, 483-493.	4.3	41
97	Contribution of Direct and Indirect Exposure to Human Serum Concentrations of Perfluorooctanoic Acid in an Occupationally Exposed Group of Ski Waxers. Environmental Science & Technology, 2016, 50, 7037-7046.	10.0	41
98	Statistical Analysis of Long-Term Monitoring Data for Persistent Organic Pollutants in the Atmosphere at 20 Monitoring Stations Broadly Indicates Declining Concentrations. Environmental Science & Technology, 2014, 48, 12492-12499.	10.0	40
99	What is the effect of phasing out long-chain per- and polyfluoroalkyl substances on the concentrations of perfluoroalkyl acids and their precursors in the environment? A systematic review protocol. Environmental Evidence, 2015, 4, .	2.7	40
100	Development of a black carbon-inclusive multi-media model: Application for PAHs in Stockholm. Chemosphere, 2008, 70, 607-615.	8.2	39
101	Longitudinal trends of per- and polyfluoroalkyl substances in children's serum. Environment International, 2018, 121, 591-599.	10.0	39
102	Modeling the Effects and Uncertainties of Contaminated Sediment Remediation Scenarios in a Norwegian Fjord by Markov Chain Monte Carlo Simulation. Environmental Science & Technology, 2008, 42, 200-206.	10.0	37
103	Modelling PCB bioaccumulation in a Baltic food web. Environmental Pollution, 2007, 148, 73-82.	7.5	36
104	Empirical evaluation of spatial and non-spatial European-scale multimedia fate models: results and implications for chemical risk assessment. Journal of Environmental Monitoring, 2007, 9, 572.	2.1	36
105	Sorption of PFOS in 114 Well-Characterized Tropical and Temperate Soils: Application of Multivariate and Artificial Neural Network Analyses. Environmental Science & Technology, 2021, 55, 1779-1789.	10.0	36
106	Estimating emissions of PFOS and PFOA to the Danube River catchment and evaluating them using a catchment-scale chemical transport and fate model. Environmental Pollution, 2015, 207, 97-106.	7.5	35
107	Sampling strategy for estimating human exposure pathways to consumer chemicals. Emerging Contaminants, 2016, 2, 26-36.	4.9	35
108	Exposure and ecotoxicological risk assessment of mixtures of top prescribed pharmaceuticals in Swedish freshwaters. Chemosphere, 2019, 220, 344-352.	8.2	33

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109	An (Eco)Toxicity Life Cycle Impact Assessment Framework for Per- And Polyfluoroalkyl Substances. Environmental Science & Technology, 2020, 54, 6224-6234.	10.0	33
110	Physical-Chemical Properties and Evaluative Fate Modelling of Phthalate Esters. Handbook of Environmental Chemistry, 2003, , 57-84.	0.4	32
111	Facing the rain after the phase out: Performance evaluation of alternative fluorinated and non-fluorinated durable water repellents for outdoor fabrics. Chemosphere, 2018, 193, 675-684.	8.2	32
112	Toward a Comprehensive Global Emission Inventory of C₄â€“C₁₀ Perfluoroalkanesulfonic Acids (PFSAs) and Related Precursors: Focus on the Life Cycle of C₆- and C₁₀-Based Products. Environmental Science and Technology Letters, 2019, 6, 1-7.	8.7	32
113	Information Requirements under the Essential-Use Concept: PFAS Case Studies. Environmental Science & Technology, 2022, 56, 6232-6242.	10.0	32
114	Computational material flow analysis for thousands of chemicals of emerging concern in European waters. Journal of Hazardous Materials, 2020, 397, 122655.	12.4	31
115	Sea Spray Aerosol (SSA) as a Source of Perfluoroalkyl Acids (PFAAs) to the Atmosphere: Field Evidence from Long-Term Air Monitoring. Environmental Science & Technology, 2022, 56, 228-238.	10.0	31
116	Model and input uncertainty in multi-media fate modeling: Benzo[a]pyrene concentrations in Europe. Chemosphere, 2008, 72, 959-967.	8.2	30
117	Measured and predicted volatilisation fluxes of PCBs from contaminated sludge-amended soils. Environmental Pollution, 1997, 97, 229-238.	7.5	29
118	Influence of Water Concentrations of Perfluoroalkyl Acids (PFAAs) on Their Size-Resolved Enrichment in Nascent Sea Spray Aerosols. Environmental Science & Technology, 2021, 55, 9489-9497.	10.0	29
119	Environment occurrence of perfluoroalkyl acids and associated human health risks near a major fluorochemical manufacturing park in southwest of China. Journal of Hazardous Materials, 2020, 396, 122617.	12.4	28
120	Bounding uncertainties in intrinsic human elimination half-lives and intake of polybrominated diphenyl ethers in the North American population. Environment International, 2013, 59, 168-174.	10.0	27
121	The European Collaborative Project SOLUTIONS developed models to provide diagnostic and prognostic capacity and fill data gaps for chemicals of emerging concern. Environmental Sciences Europe, 2019, 31, .	5.5	26
122	Estimating human exposure to perfluoroalkyl acids via solid food and drinks: Implementation and comparison of different dietary assessment methods. Environmental Research, 2017, 158, 269-276.	7.5	25
123	Exploring open cheminformatics approaches for categorizing per- and polyfluoroalkyl substances (PFASs). Environmental Sciences: Processes and Impacts, 2019, 21, 1835-1851.	3.5	25
124	Toward a Consistent Evaluative Framework for POP Risk Characterization. Environmental Science & Technology, 2011, 45, 97-103.	10.0	24
125	Interpreting time trends and biomagnification of PCBs in the Baltic region using the equilibrium lipid partitioning approach. Environmental Pollution, 2006, 144, 994-1000.	7.5	23
126	Role of the air-water interface in removing perfluoroalkyl acids from drinking water by activated carbon treatment. Journal of Hazardous Materials, 2020, 386, 121981.	12.4	23

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127	Estimating Environmental Hazard and Risks from Exposure to Perâ€•and Polyfluoroalkyl Substances (PFASs): Outcome of a SETAC Focused Topic Meeting. Environmental Toxicology and Chemistry, 2021, 40, 543-549.	4.3	23
128	Black carbon-dominated PCDD/Fs sorption to soils at a former wood impregnation site. Chemosphere, 2008, 72, 1455-1461.	8.2	22
129	Black Carbon-Inclusive Modeling Approaches for Estimating the Aquatic Fate of Dibenzo-p-dioxins and Dibenzofurans. Environmental Science & Technology, 2008, 42, 3697-3703.	10.0	22
130	Model-predicted occurrence of multiple pharmaceuticals in Swedish surface waters and their flushing to the Baltic Sea. Environmental Pollution, 2017, 223, 595-604.	7.5	22
131	Observed Concentrations in the Environment. Handbook of Environmental Chemistry, 2003, , 125-177.	0.4	20
132	Correction to â€œA Never-Ending Story of Per- and Polyfluoroalkyl Substances (PFASs)?â€• Environmental Science & Technology, 2018, 52, 3325-3325.	10.0	20
133	Spatial variation in the atmospheric deposition of perfluoroalkyl acids: source elucidation through analysis of isomer patterns. Environmental Sciences: Processes and Impacts, 2018, 20, 997-1006.	3.5	20
134	Combined Use of Total Fluorine and Oxidative Fingerprinting for Quantitative Determination of Side-Chain Fluorinated Polymers in Textiles. Environmental Science and Technology Letters, 2022, 9, 30-36.	8.7	20
135	Modeling the Potential Influence of Particle Deposition on the Accumulation of Organic Contaminants by Submerged Aquatic Vegetation. Environmental Science & Technology, 2008, 42, 4052-4059.	10.0	19
136	Modelling the influence of climate change on the chemical concentrations in the Baltic Sea region with the POPCYCLING-Baltic model. Chemosphere, 2014, 110, 31-40.	8.2	19
137	Mass transfer of an organophosphate flame retardant between product source and dust in direct contact. Emerging Contaminants, 2017, 3, 115-120.	4.9	19
138	Impacts on human health in the Arctic owing to climate-induced changes in contaminant cycling â€“ The EU ArcRisk project policy outcome. Environmental Science and Policy, 2015, 50, 200-213.	4.9	18
139	Can the use of deactivated glass fibre filters eliminate sorption artefacts associated with active air sampling of perfluorooctanoic acid?. Environmental Pollution, 2017, 224, 779-786.	7.5	18
140	Addressing Urgent Questions for PFAS in the 21st Century. Environmental Science & Technology, 2021, 55, 12755-12765.	10.0	17
141	Predicted Distribution and Ecological Risk Assessment of a â€œSegregatedâ€•Hydrofluoroether in the Japanese Environment. Environmental Science & Technology, 2002, 36, 4761-4769.	10.0	16
142	Probing the relationship between external and internal human exposure of organophosphate flame retardants using pharmacokinetic modelling. Environmental Pollution, 2017, 230, 550-560.	7.5	16
143	Relationships between estimated flame retardant emissions and levels in indoor air and house dust. Indoor Air, 2017, 27, 650-657.	4.3	16
144	Spatiotemporal distribution and isomer profiles of perfluoroalkyl acids in airborne particulate matter in Chengdu City, China. Science of the Total Environment, 2019, 689, 1235-1243.	8.0	16

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145	Finding essentiality feasible: common questions and misinterpretations concerning the â€œessential-useâ€• concept. Environmental Sciences: Processes and Impacts, 2021, 23, 1079-1087.	3.5	16
146	Development of a dynamic model for estimating the food web transfer of chemicals in small aquatic ecosystems. Science of the Total Environment, 2011, 409, 5416-5422.	8.0	15
147	Emerging Contaminants: Fluorinated Alternatives to Existing PFAS. Environmental Science & Technology, 2022, 56, 6001-6003.	10.0	15
148	Modelling the long-term fate of polychlorinated dibenzo-p-dioxins and furans (PCDD/Fs) in the Grenland Fjords, Norway. Science of the Total Environment, 2006, 369, 188-202.	8.0	14
149	Effects of input uncertainty and variability on the modelled environmental fate of organic pollutants under global climate change scenarios. Chemosphere, 2013, 93, 2086-2093.	8.2	13
150	Estimating uptake of phthalate ester metabolites into the human nail plate using pharmacokinetic modelling. Environment International, 2017, 100, 148-155.	10.0	13
151	Let us empower the WFD to prevent risks of chemical pollution in European rivers and lakes. Environmental Sciences Europe, 2019, 31, .	5.5	13
152	Themed issues on per- and polyfluoroalkyl substances. Environmental Sciences: Processes and Impacts, 2019, 21, 1797-1802.	3.5	13
153	Water-to-air transfer of branched and linear PFOA: Influence of pH, concentration and water type. Emerging Contaminants, 2017, 3, 46-53.	4.9	12
154	Children's exposure to perfluoroalkyl acids â€“ a modelling approach. Environmental Sciences: Processes and Impacts, 2019, 21, 1875-1886.	3.5	12
155	Per- and polyfluoroalkyl substances in materials, humans and the environment. Chemosphere, 2015, 129, 1-3.	8.2	9
156	Field Measurement and Modelling the Fate of Aniline and Lindane in a UK Lowland River. Environmental Technology (United Kingdom), 1995, 16, 515-526.	2.2	8
157	Assessing the Relative Importance of Spatial Variability in Emissions Versus Landscape Properties in Fate Models for Environmental Exposure Assessment of Chemicals. Environmental Modeling and Assessment, 2012, 17, 577-587.	2.2	8
158	Nordic research on per- and polyfluoroalkyl substances (PFASs). Environmental Science and Pollution Research, 2013, 20, 7926-7929.	5.3	8
159	Comment on â€œThe environmental photolysis of perfluorooctanesulfonate, perfluorooctanoate, and related fluorochemicalsâ€• Chemosphere, 2015, 122, 301-303.	8.2	8
160	General fugacity-based model to predict the environmental fate of multiple chemical species. Environmental Toxicology and Chemistry, 2003, 22, 483-93.	4.3	8
161	Physical-Chemical Properties and Estimated Environmental Fate of Brominated and Iodinated Organic Compounds. Handbook of Environmental Chemistry, 2003, , 301-334.	0.4	7
162	Multimedia Mass Balance Modelling of Two Phthalate Esters by the Regional Population-Based Model (RPM). Handbook of Environmental Chemistry, 2003, , 179-200.	0.4	7

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163	Erratum to â€œEstimating Consumer Exposure to PFOS and PFOA,â€•by David Trudel, Lea Horowitz, Matthias Wormuth, Martin Scheringer, Ian T. Cousins, and Konrad HungerbÃ¼hler, in Risk Analysis, 28(2), 2008. Risk Analysis, 2008, 28, 807-807.	2.7	7
164	Tracing the origin of dioxins in Baltic air using an atmospheric modeling approach. Atmospheric Pollution Research, 2012, 3, 408-416.	3.8	7
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