

Frank Wania

List of Publications by Year in descending order

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Version: 2024-02-01

305
papers

19,229
citations

9428

76
h-index

18400

124
g-index

335
all docs

335
docs citations

335
times ranked

10618
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying organic chemicals not subject to bioaccumulation in air-breathing organisms using predicted partitioning and biotransformation properties. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 1297-1312.	1.6	7
2	Thirdhand smoke from tobacco, e-cigarettes, cannabis, methamphetamine and cocaine: Partitioning, reactive fate, and human exposure in indoor environments. <i>Environment International</i> , 2022, 160, 107063.	4.8	21
3	Graphical tools for the planning and interpretation of polyurethane foam based passive air sampling campaigns. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 414-425.	1.7	5
4	Traffic-related sources may dominate urban water contamination for many organic contaminants. <i>Environmental Research Letters</i> , 2022, 17, 044030.	2.2	3
5	A New Approach to Characterizing the Partitioning of Volatile Organic Compounds to Cotton Fabric. <i>Environmental Science & Technology</i> , 2022, 56, 3365-3374.	4.6	13
6	Organophosphate esters in Arctic air from 2011 to 2019: Concentrations, temporal trends, and potential sources. <i>Journal of Hazardous Materials</i> , 2022, 434, 128872.	6.5	13
7	Ecological unequal exchange: quantifying emissions of toxic chemicals embodied in the global trade of chemicals, products, and waste. <i>Environmental Research Letters</i> , 2022, 17, 044054.	2.2	11
8	Response to Comment on "A Database of Experimentally Derived and Estimated Octanol-Air Partition Ratios (K_{OA})". <i>J. Phys. Chem. Ref. Data</i> 51, 026101 (2022). <i>Journal of Physical and Chemical Reference Data</i> , 2022, 51, 026102.	1.9	4
9	Global Historical Production, Use, In-Use Stocks, and Emissions of Short-, Medium-, and Long-Chain Chlorinated Paraffins. <i>Environmental Science & Technology</i> , 2022, 56, 7895-7904.	4.6	44
10	Probing the Thermodynamics of Biomagnification in Zoo-Housed Polar Bears by Equilibrium Sampling of Dietary and Fecal Samples. <i>Environmental Science & Technology</i> , 2022, 56, 9497-9504.	4.6	6
11	Mercury in air and soil on an urban-rural transect in East Africa. <i>Environmental Sciences: Processes and Impacts</i> , 2022, , .	1.7	6
12	Development, characterization, and testing of a personal passive sampler for measuring inhalation exposure to gaseous elemental mercury. <i>Environment International</i> , 2021, 146, 106264.	4.8	13
13	Introducing a nested multimedia fate and transport model for organic contaminants (NEM). <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1146-1157.	1.7	4
14	Partitioning between polyurethane foam and the gas phase: data compilation, uncertainty estimation and implications for air sampling. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 723-734.	1.7	6
15	Atmospheric concentrations and temporal trends of polychlorinated biphenyls and organochlorine pesticides in the Arctic during 2011-2018. <i>Chemosphere</i> , 2021, 267, 128859.	4.2	18
16	Spatial and temporal distribution of Persistent Organic Pollutants and current use pesticides in the atmosphere of Argentinean Patagonia. <i>Chemosphere</i> , 2021, 266, 129015.	4.2	27
17	Polycyclic Aromatic Hydrocarbons and Quinones in Urban and Rural Stormwater Runoff: Effects of Land Use and Storm Characteristics. <i>ACS ES&T Water</i> , 2021, 1, 1209-1219.	2.3	6
18	A field intercomparison of three passive air samplers for gaseous mercury in ambient air. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 3657-3672.	1.2	19

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19	Do dissipation and transformation of $\delta^{13}\text{C}$ -HCH and p,p'-DDT in soil respond to a proxy for climate change? Insights from a field study on the eastern Tibetan Plateau. <i>Environmental Pollution</i> , 2021, 278, 116824.	3.7	11
20	Using Passive Air Samplers to Quantify Vertical Gaseous Elemental Mercury Concentration Gradients Within a Forest and Above Soil. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034981.	1.2	7
21	Mercury stable isotopes reveal the sources and transformations of atmospheric Hg in the high Arctic. <i>Applied Geochemistry</i> , 2021, 131, 105002.	1.4	23
22	Reliable Prediction of the Octanol:Air Partition Ratio. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 3166-3180.	2.2	22
23	Phase partitioning, transport and sources of Benzotriazole Ultraviolet Stabilizers during a runoff event. <i>Water Research X</i> , 2021, 13, 100115.	2.8	3
24	Characterization of inhalation exposure to gaseous elemental mercury during artisanal gold mining and e-waste recycling through combined stationary and personal passive sampling. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 569-579.	1.7	7
25	The unlikely fate of a term paper. <i>Ambio</i> , 2021, 50, 532-533.	2.8	1
26	Precipitation-induced transport and phase partitioning of organophosphate esters (OPEs) in urban and rural watersheds. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 2106-2115.	1.2	6
27	A Database of Experimentally Derived and Estimated Octanol:Air Partition Ratios (K_{OA}). <i>Journal of Physical and Chemical Reference Data</i> , 2021, 50, .	1.9	34
28	Development and Evaluation of a Holistic and Mechanistic Modeling Framework for Chemical Emissions, Fate, Exposure, and Risk. <i>Environmental Health Perspectives</i> , 2021, 129, 127006.	2.8	15
29	Clarifying Temporal Trend Variability in Human Biomonitoring of Polybrominated Diphenyl Ethers through Mechanistic Modeling. <i>Environmental Science & Technology</i> , 2020, 54, 166-175.	4.6	19
30	Maternal-Child Exposures to Persistent Organic Pollutants in Dhaka, Bangladesh. <i>Exposure and Health</i> , 2020, 12, 79-87.	2.8	7
31	Formation of non-extractable residues as a potentially dominant process in the fate of PAHs in soil: Insights from a combined field and modeling study on the eastern Tibetan Plateau. <i>Environmental Pollution</i> , 2020, 267, 115383.	3.7	9
32	Isotopic Characterization of Atmospheric Gaseous Elemental Mercury by Passive Air Sampling. <i>Environmental Science & Technology</i> , 2020, 54, 10533-10543.	4.6	24
33	Passive air sampling for semi-volatile organic chemicals. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1925-2002.	1.7	51
34	Measurement of Atmospheric Mercury over Volcanic and Fumarolic Regions on the North Island of New Zealand Using Passive Air Samplers. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 2435-2443.	1.2	12
35	Quantifying the Biomagnification Capability of Arctic Wolf and Domestic Dog by Equilibrium Sampling. <i>Environmental Science & Technology</i> , 2020, 54, 6842-6849.	4.6	2
36	Spatial variation of short- and medium-chain chlorinated paraffins in ambient air across Australia. <i>Environmental Pollution</i> , 2020, 261, 114141.	3.7	31

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37	The presence, emission and partitioning behavior of polychlorinated biphenyls in waste, leachate and aerosols from Norwegian waste-handling facilities. <i>Science of the Total Environment</i> , 2020, 715, 136824.	3.9	16
38	Mechanistically Modeling Human Exposure to Persistent Organic Pollutants. , 2020, , 115-128.		0
39	How are Humans Exposed to Organic Chemicals Released to Indoor Air?. <i>Environmental Science & Technology</i> , 2019, 53, 11276-11284.	4.6	49
40	Measuring the Octan-1-ol Air Partition Coefficient of Volatile Organic Chemicals with the Variable Phase Ratio Headspace Technique. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 4793-4800.	1.0	7
41	Model-based exploration of the variability in lake trout (<i>Salvelinus namaycush</i>) bioaccumulation factors: The influence of physiology and trophic relationships. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 831-840.	2.2	3
42	Characterization and Quantification of Atmospheric Mercury Sources Using Passive Air Samplers. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2351-2362.	1.2	36
43	Trans-Himalayan Transport of Organochlorine Compounds: Three-Year Observations and Model-Based Flux Estimation. <i>Environmental Science & Technology</i> , 2019, 53, 6773-6783.	4.6	23
44	Hydrological transit times in nested urban and agricultural watersheds in the Greater Toronto Area, Canada. <i>Hydrological Processes</i> , 2019, 33, 350-360.	1.1	13
45	Quantitative bias analysis of the association of type 2 diabetes mellitus with 2,2,4,4,5,5-hexachlorobiphenyl (PCB-153). <i>Environment International</i> , 2019, 125, 291-299.	4.8	14
46	Development and Evaluation of a Combined Bioenergetics and Organic Chemical Mass-Balance Bioaccumulation Model for Fish. <i>Environmental Science & Technology</i> , 2019, 53, 752-759.	4.6	9
47	Polycyclic aromatic hydrocarbons and polychlorinated biphenyls in soils and atmosphere of Western Canadian mountains: The role of source proximity, precipitation, forest cover and mountain cold-trapping. <i>Atmospheric Environment: X</i> , 2019, 1, 100004.	0.8	6
48	Investigating the Sources and Transport of Benzotriazole UV Stabilizers during Rainfall and Snowmelt across an Urbanization Gradient. <i>Environmental Science & Technology</i> , 2018, 52, 2595-2602.	4.6	29
49	Towards a systematic understanding of the dynamic fate of polychlorinated biphenyls in indoor, urban and rural environments. <i>Environment International</i> , 2018, 117, 57-68.	4.8	38
50	Occurrence of Single- and Double-Peaked Emission Profiles of Synthetic Chemicals. <i>Environmental Science & Technology</i> , 2018, 52, 4684-4693.	4.6	16
51	Comparing winter-time herbicide behavior and exports in urban, rural, and mixed-use watersheds. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 767-779.	1.7	5
52	Spatial and temporal distribution of pesticides and PCBs in the atmosphere using XAD-resin based passive samplers: A case study in the Quequ�n Grande River watershed, Argentina. <i>Atmospheric Pollution Research</i> , 2018, 9, 238-245.	1.8	24
53	Is secondary organic aerosol yield governed by kinetic factors rather than equilibrium partitioning?. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 245-252.	1.7	5
54	A Model for Risk-Based Screening and Prioritization of Human Exposure to Chemicals from Near-Field Sources. <i>Environmental Science & Technology</i> , 2018, 52, 14235-14244.	4.6	38

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55	Identifying and evaluating urban mercury emission sources through passive sampler-based mapping of atmospheric concentrations. <i>Environmental Research Letters</i> , 2018, 13, 074008.	2.2	26
56	Air synthesis review: polycyclic aromatic compounds in the oil sands region. <i>Environmental Reviews</i> , 2018, 26, 430-468.	2.1	58
57	Revisiting the Contributions of Far- and Near-Field Routes to Aggregate Human Exposure to Polychlorinated Biphenyls (PCBs). <i>Environmental Science & Technology</i> , 2018, 52, 6974-6984.	4.6	40
58	Who in the world is most exposed to polychlorinated biphenyls? Using models to identify highly exposed populations. <i>Environmental Research Letters</i> , 2018, 13, 064036.	2.2	16
59	Elucidating the Variability in the Hexabromocyclododecane Diastereomer Profile in the Global Environment. <i>Environmental Science & Technology</i> , 2018, 52, 10532-10542.	4.6	26
60	Measurement of Vapor Pressures and Melting Properties of Five Polybrominated Aromatic Flame Retardants. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 2578-2585.	1.0	4
61	Global evaluation and calibration of a passive air sampler for gaseous mercury. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5905-5919.	1.9	43
62	Quantifying the equilibrium partitioning of substituted polycyclic aromatic hydrocarbons in aerosols and clouds using COSMOtherm. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 288-299.	1.7	6
63	The Role of Water in Organic Aerosol Multiphase Chemistry: Focus on Partitioning and Reactivity. , 2017, , 95-184.		9
64	Mechanistic Pharmacokinetic Modeling of the Bioamplification of Persistent Lipophilic Organic Pollutants in Humans during Weight Loss. <i>Environmental Science & Technology</i> , 2017, 51, 5563-5571.	4.6	14
65	Field Calibration of XAD-Based Passive Air Sampler on the Tibetan Plateau: Wind Influence and Configuration Improvement. <i>Environmental Science & Technology</i> , 2017, 51, 5642-5649.	4.6	17
66	Comment on "Measured Saturation Vapor Pressures of Phenolic and Nitro-Aromatic Compounds". <i>Environmental Science & Technology</i> , 2017, 51, 7742-7743.	4.6	3
67	Application of sodium carbonate prevents sulphur poisoning of catalysts in automated total mercury analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 133, 60-62.	1.5	18
68	Mechanistic modeling of persistent organic pollutant exposure among indigenous Arctic populations: motivations, challenges, and benefits. <i>Environmental Reviews</i> , 2017, 25, 396-407.	2.1	12
69	Assessing the Source-to-Stream Transport of Benzotriazoles during Rainfall and Snowmelt in Urban and Agricultural Watersheds. <i>Environmental Science & Technology</i> , 2017, 51, 4191-4198.	4.6	36
70	Degradation of Fluorotelomer-Based Polymers Contributes to the Global Occurrence of Fluorotelomer Alcohol and Perfluoroalkyl Carboxylates: A Combined Dynamic Substance Flow and Environmental Fate Modeling Analysis. <i>Environmental Science & Technology</i> , 2017, 51, 4461-4470.	4.6	53
71	Semivolatile Organic Contaminants in the Hawaiian Atmosphere. <i>Environmental Science & Technology</i> , 2017, 51, 11634-11642.	4.6	10
72	Effects of preparation on nutrient and environmental contaminant levels in Arctic beluga whale (<i>Delphinapterus leucas</i>) traditional foods. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1000-1015.	1.7	9

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73	The transport of polycyclic aromatic hydrocarbons during rainfall and snowmelt in contrasting landscapes. <i>Water Research</i> , 2017, 124, 407-414.	5.3	27
74	Persistent Organic Pollutants in the East Antarctic Atmosphere: Inter-Annual Observations from 2010 to 2015 Using High-Flow-Through Passive Sampling. <i>Environmental Science & Technology</i> , 2017, 51, 13929-13937.	4.6	40
75	Uncertain Henry's law constants compromise equilibrium partitioning calculations of atmospheric oxidation products. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 7529-7540.	1.9	33
76	A synthesis of research needs for improving the understanding of atmospheric mercury cycling. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 9133-9144.	1.9	33
77	The effects of meteorological parameters and diffusive barrier reuse on the sampling rate of a passive air sampler for gaseous mercury. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 3651-3660.	1.2	33
78	Estimating Time-Varying PCB Exposures Using Person-Specific Predictions to Supplement Measured Values: A Comparison of Observed and Predicted Values in Two Cohorts of Norwegian Women. <i>Environmental Health Perspectives</i> , 2016, 124, 299-305.	2.8	12
79	Mechanistic polychlorinated biphenyl exposure modeling of mothers in the Canadian Arctic: the challenge of reliably establishing dietary composition. <i>Environment International</i> , 2016, 92-93, 256-268.	4.8	18
80	Unravelling the Relationship between Body Mass Index and Polychlorinated Biphenyl Concentrations Using a Mechanistic Model. <i>Environmental Science & Technology</i> , 2016, 50, 10055-10064.	4.6	22
81	Balancing the benefits and costs of traditional food substitution by indigenous Arctic women of childbearing age: Impacts on persistent organic pollutant, mercury, and nutrient intakes. <i>Environment International</i> , 2016, 94, 554-566.	4.8	16
82	Tracking chemicals in products around the world: introduction of a dynamic substance flow analysis model and application to PCBs. <i>Environment International</i> , 2016, 94, 674-686.	4.8	47
83	Deterministic modeling of the exposure of individual participants in the National Health and Nutrition Examination Survey (NHANES) to polychlorinated biphenyls. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 1157-1168.	1.7	17
84	Effect of Sodium Sulfate, Ammonium Chloride, Ammonium Nitrate, and Salt Mixtures on Aqueous Phase Partitioning of Organic Compounds. <i>Environmental Science & Technology</i> , 2016, 50, 12742-12749.	4.6	18
85	Passive air sampling of gaseous elemental mercury: a critical review. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3061-3076.	1.9	41
86	Tracking the Global Distribution of Persistent Organic Pollutants Accounting for E-Waste Exports to Developing Regions. <i>Environmental Science & Technology</i> , 2016, 50, 798-805.	4.6	121
87	A High-Precision Passive Air Sampler for Gaseous Mercury. <i>Environmental Science and Technology Letters</i> , 2016, 3, 24-29.	3.9	54
88	Using the chemical equilibrium partitioning space to explore factors influencing the phase distribution of compounds involved in secondary organic aerosol formation. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3395-3412.	1.9	32
89	Celebrating Bidleman's 1988 "Atmospheric Processes". <i>Environmental Science & Technology</i> , 2015, 49, 1235-1236.	4.6	2
90	Evaluating the PAS-SIM model using a passive air sampler calibration study for pesticides. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1228-1237.	1.7	15

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91	Calculating Equilibrium Phase Distribution during the Formation of Secondary Organic Aerosol Using COSMO <i>therm</i> . <i>Environmental Science & Technology</i> , 2015, 49, 8585-8594.	4.6	18
92	Spatial distribution of selected persistent organic pollutants (POPs) in Australia's atmosphere. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 525-532.	1.7	23
93	Exploring the role of the sampler housing in limiting uptake of semivolatile organic compounds in passive air samplers. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 2006-2012.	1.7	9
94	Seven questions when deciding where to submit. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 10-11.	1.7	0
95	Comparison of Atmospheric Travel Distances of Several PAHs Calculated by Two Fate and Transport Models (The Tool and ELPOS) with Experimental Values Derived from a Peat Bog Transect. <i>Atmosphere</i> , 2014, 5, 324-341.	1.0	12
96	Evaluating officially reported polycyclic aromatic hydrocarbon emissions in the Athabasca oil sands region with a multimedia fate model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3344-3349.	3.3	92
97	Evaluating the Effectiveness of Fish Consumption Advisories: Modeling Prenatal, Postnatal, and Childhood Exposures to Persistent Organic Pollutants. <i>Environmental Health Perspectives</i> , 2014, 122, 178-186.	2.8	22
98	Model for Screening-Level Assessment of Near-Field Human Exposure to Neutral Organic Chemicals Released Indoors. <i>Environmental Science & Technology</i> , 2014, 48, 12312-12319.	4.6	60
99	Clarifying relationships between persistent organic pollutant concentrations and age in wildlife biomonitoring: individuals, cross-sections, and the roles of lifespan and sex. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1415-1426.	2.2	19
100	Reply to Ahad et al.: Source apportionment of polycyclic aromatic hydrocarbons in the Athabasca oil sands region is still a work in progress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2440.	3.3	12
101	Cluster analysis of passive air sampling data based on the relative composition of persistent organic pollutants. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 453-463.	1.7	9
102	Off to a flying start. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 9-9.	1.7	0
103	Measuring and Modeling the Salting-out Effect in Ammonium Sulfate Solutions. <i>Environmental Science & Technology</i> , 2014, 48, 13238-13245.	4.6	57
104	Neutral polyfluoroalkyl substances in the global Atmosphere. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 404-413.	1.7	46
105	Using Model-Based Screening to Help Discover Unknown Environmental Contaminants. <i>Environmental Science & Technology</i> , 2014, 48, 7264-7271.	4.6	29
106	Partitioning of Polychlorinated Biphenyls into Human Cells and Adipose Tissues: Evaluation of Octanol, Triolein, and Liposomes as Surrogates. <i>Environmental Science & Technology</i> , 2014, 48, 5920-5928.	4.6	18
107	Estimating Screening-Level Organic Chemical Half-Lives in Humans. <i>Environmental Science & Technology</i> , 2014, 48, 723-730.	4.6	52
108	Tracking the Global Generation and Exports of e-Waste. Do Existing Estimates Add up?. <i>Environmental Science & Technology</i> , 2014, 48, 8735-8743.	4.6	201

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109	Application of Mass Balance Models and the Chemical Activity Concept To Facilitate the Use of in Vitro Toxicity Data for Risk Assessment. <i>Environmental Science & Technology</i> , 2014, 48, 9770-9779.	4.6	130
110	Advancing passive sampling of contaminants in environmental science. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 366.	1.7	9
111	Novel methods for predicting gas-particle partitioning during the formation of secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 13189-13204.	1.9	27
112	Mountain Cold-Trapping Increases Transfer of Persistent Organic Pollutants from Atmosphere to Cows' Milk. <i>Environmental Science & Technology</i> , 2013, 47, 9175-9181.	4.6	16
113	Chemical fate, latitudinal distribution and long-range transport of cyclic volatile methylsiloxanes in the global environment: A modeling assessment. <i>Chemosphere</i> , 2013, 93, 835-843.	4.2	60
114	Exploring the potential influence of climate change and particulate organic carbon scenarios on the fate of neutral organic contaminants in the Arctic environment. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2263.	1.7	17
115	Model-based exploration of the drivers of mountain cold-trapping in soil. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2220.	1.7	18
116	Using quantitative structural property relationships, chemical fate models, and the chemical partitioning space to investigate the potential for long range transport and bioaccumulation of complex halogenated chemical mixtures. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1671.	1.7	34
117	Evaluating the environmental fate of short-chain chlorinated paraffins (SCCPs) in the Nordic environment using a dynamic multimedia model. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2240.	1.7	20
118	Atmospheric deposition of current use pesticides in the Arctic: Snow core records from the Devon Island Ice Cap, Nunavut, Canada. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2304.	1.7	29
119	Development and evaluation of a mechanistic bioconcentration model for ionogenic organic chemicals in fish. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 115-128.	2.2	144
120	Effect of Wind on the Chemical Uptake Kinetics of a Passive Air Sampler. <i>Environmental Science & Technology</i> , 2013, 47, 7868-7875.	4.6	37
121	Large Bubbles Reduce the Surface Sorption Artifact of the Inert Gas Stripping Method. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 792-797.	1.0	12
122	Calibration and Application of a Passive Air Sampler (XAD-PAS) for Volatile Methyl Siloxanes. <i>Environmental Science & Technology</i> , 2013, 47, 4463-4470.	4.6	42
123	Modeling the Uptake of Neutral Organic Chemicals on XAD Passive Air Samplers under Variable Temperatures, External Wind Speeds and Ambient Air Concentrations (PAS-SIM). <i>Environmental Science & Technology</i> , 2013, 47, 13546-13554.	4.6	45
124	Exploring the Role of Shelf Sediments in the Arctic Ocean in Determining the Arctic Contamination Potential of Neutral Organic Contaminants. <i>Environmental Science & Technology</i> , 2013, 47, 923-931.	4.6	9
125	The role of the global cryosphere in the fate of organic contaminants. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 3271-3305.	1.9	128
126	In search of potential source regions of semi-volatile organic contaminants in air in the Yukon Territory, Canada from 2007 to 2009 using hybrid receptor models. <i>Environmental Chemistry</i> , 2013, 10, 22.	0.7	9

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127	Prioritizing Chemicals and Data Requirements for Screening-Level Exposure and Risk Assessment. <i>Environmental Health Perspectives</i> , 2012, 120, 1565-1570.	2.8	87
128	Understanding Differences in the Body Burden—Age Relationships of Bioaccumulating Contaminants Based on Population Cross Sections versus Individuals. <i>Environmental Health Perspectives</i> , 2012, 120, 554-559.	2.8	72
129	Modeling the Uptake of Semivolatile Organic Compounds by Passive Air Samplers: Importance of Mass Transfer Processes within the Porous Sampling Media. <i>Environmental Science & Technology</i> , 2012, 46, 9563-9570.	4.6	45
130	JEM Editorial: Focus on scope. <i>Journal of Environmental Monitoring</i> , 2012, 14, 22-22.	2.1	0
131	Screening organic chemicals in commerce for emissions in the context of environmental and human exposure. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2028.	2.1	25
132	Potential Role of Phospholipids in Determining the Internal Tissue Distribution of Perfluoroalkyl Acids in Biota. <i>Environmental Science & Technology</i> , 2012, 46, 12285-12286.	4.6	62
133	Influence of Sampler Configuration on the Uptake Kinetics of a Passive Air Sampler. <i>Environmental Science & Technology</i> , 2012, 46, 397-403.	4.6	22
134	Iterative Fragment Selection: A Group Contribution Approach to Predicting Fish Biotransformation Half-Lives. <i>Environmental Science & Technology</i> , 2012, 46, 8253-8260.	4.6	67
135	Field Evaluation of a Flow-Through Sampler for Measuring Pesticides and Brominated Flame Retardants in the Arctic Atmosphere. <i>Environmental Science & Technology</i> , 2012, 46, 7669-7676.	4.6	16
136	Deposition of Brominated Flame Retardants to the Devon Ice Cap, Nunavut, Canada. <i>Environmental Science & Technology</i> , 2012, 46, 826-833.	4.6	43
137	A methodology for evaluating the influence of diets and intergenerational dietary transitions on historic and future human exposure to persistent organic pollutants in the Arctic. <i>Environment International</i> , 2012, 49, 83-91.	4.8	20
138	Atmospheric concentrations of halogenated flame retardants at two remote locations: The Canadian High Arctic and the Tibetan Plateau. <i>Environmental Pollution</i> , 2012, 161, 154-161.	3.7	99
139	Application of XAD-resin based passive air samplers to assess local (roadside) and regional patterns of persistent organic pollutants. <i>Environmental Pollution</i> , 2012, 166, 218-225.	3.7	19
140	Global climate change and contaminants—an overview of opportunities and priorities for modelling the potential implications for long-term human exposure to organic compounds in the Arctic. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1532.	2.1	63
141	Mercury fate in ageing and melting snow: Development and testing of a controlled laboratory system. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2695.	2.1	15
142	Visualising the equilibrium distribution and mobility of organic contaminants in soil using the chemical partitioning space. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1569.	2.1	13
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