

Frank Wania

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9017610/publications.pdf>

Version: 2024-02-01

308
papers

19,229
citations

8181

76
h-index

16183

124
g-index

335
all docs

335
docs citations

335
times ranked

9568
citing authors

#	ARTICLE	IF	CITATIONS
1	Peer Reviewed: Tracking the Distribution of Persistent Organic Pollutants. Environmental Science & Technology, 1996, 30, 390A-396A.	10.0	1,244
2	Contaminants in the Canadian Arctic: 5 years of progress in understanding sources, occurrence and pathways. Science of the Total Environment, 2000, 254, 93-234.	8.0	600
3	Toward a Global Network for Persistent Organic Pollutants in Air: Results from the GAPS Study. Environmental Science & Technology, 2006, 40, 4867-4873.	10.0	386
4	Assessing the long-range transport potential of polybrominated diphenyl ethers: A comparison of four multimedia models. Environmental Toxicology and Chemistry, 2003, 22, 1252-1261.	4.3	367
5	Assessing the Potential of Persistent Organic Chemicals for Long-Range Transport and Accumulation in Polar Regions. Environmental Science & Technology, 2003, 37, 1344-1351.	10.0	352
6	A global distribution model for persistent organic chemicals. Science of the Total Environment, 1995, 160-161, 211-232.	8.0	333
7	Organic Contaminants in Mountains. Environmental Science & Technology, 2005, 39, 385-398.	10.0	324
8	Assessing Long-Range Transport Potential of Persistent Organic Pollutants. Environmental Science & Technology, 2000, 34, 699-703.	10.0	322
9	Atmospheric Distribution and Long-Range Transport Behavior of Organochlorine Pesticides in North America. Environmental Science & Technology, 2005, 39, 409-420.	10.0	309
10	Temperature Dependence of Atmospheric Concentrations of Semivolatile Organic Compounds. Environmental Science & Technology, 1998, 32, 1013-1021.	10.0	299
11	Is rain or snow a more efficient scavenger of organic chemicals?. Atmospheric Environment, 2004, 38, 3557-3571.	4.1	287
12	Seasonally Resolved Concentrations of Persistent Organic Pollutants in the Global Atmosphere from the First Year of the GAPS Study. Environmental Science & Technology, 2009, 43, 796-803.	10.0	277
13	Compilation, Evaluation, and Selection of Physical-Chemical Property Data for Organochlorine Pesticides. Journal of Chemical & Engineering Data, 2005, 50, 742-768.	1.9	262
14	Development and Calibration of a Resin-Based Passive Sampling System for Monitoring Persistent Organic Pollutants in the Atmosphere. Environmental Science & Technology, 2003, 37, 1352-1359.	10.0	253
15	A Comprehensive and Critical Compilation, Evaluation, and Selection of Physical-Chemical Property Data for Selected Polychlorinated Biphenyls. Journal of Physical and Chemical Reference Data, 2003, 32, 1545-1590.	4.2	224
16	A Global Mass Balance Analysis of the Source of Perfluorocarboxylic Acids in the Arctic Ocean. Environmental Science & Technology, 2007, 41, 4529-4535.	10.0	201
17	Tracking the Global Generation and Exports of e-Waste. Do Existing Estimates Add up?. Environmental Science & Technology, 2014, 48, 8735-8743.	10.0	201
18	Estimating the Influence of Forests on the Overall Fate of Semivolatile Organic Compounds Using a Multimedia Fate Model. Environmental Science & Technology, 2001, 35, 582-590.	10.0	186

#	ARTICLE	IF	CITATIONS
19	On the Mechanism of Mountain Cold-Trapping of Organic Chemicals. <i>Environmental Science & Technology</i> , 2008, 42, 9092-9098.	10.0	176
20	Hexachlorocyclohexanes in the North American Atmosphere. <i>Environmental Science & Technology</i> , 2004, 38, 965-975.	10.0	166
21	Organic contaminant amplification during snowmelt. <i>Water Research</i> , 2008, 42, 1847-1865.	11.3	165
22	Passive Air Sampling of Polychlorinated Biphenyls and Organochlorine Pesticides at the Korean Arctic and Antarctic Research Stations: Implications for Long-Range Transport and Local Pollution. <i>Environmental Science & Technology</i> , 2008, 42, 7125-7131.	10.0	163
23	Estimation of vapor pressures, solubilities and Henry's law constants of selected persistent organic pollutants as functions of temperature. <i>Chemosphere</i> , 1999, 39, 811-832.	8.2	162
24	The effects of snow and ice on the environmental behaviour of hydrophobic organic chemicals. <i>Environmental Pollution</i> , 1998, 102, 25-41.	7.5	160
25	Compilation, Evaluation, and Selection of Physical-Chemical Property Data for $\hat{1}\pm$, $\hat{1}^2$, and $\hat{1}^3$ -Hexachlorocyclohexane. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 173-185.	1.9	159
26	Screening Chemicals for the Potential to be Persistent Organic Pollutants: A Case Study of Arctic Contaminants. <i>Environmental Science & Technology</i> , 2008, 42, 5202-5209.	10.0	157
27	The evolution of mass balance models of persistent organic pollutant fate in the environment. <i>Environmental Pollution</i> , 1999, 100, 223-240.	7.5	154
28	Evaluating environmental persistence. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 2148-2158.	4.3	151
29	Selecting internally consistent physicochemical properties of organic compounds. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 941-953.	4.3	149
30	Estimating the contribution of degradation in air and deposition to the deep sea to the global loss of PCBs. <i>Atmospheric Environment</i> , 2002, 36, 5581-5593.	4.1	145
31	Development and evaluation of a mechanistic bioconcentration model for ionogenic organic chemicals in fish. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 115-128.	4.3	144
32	Transport of contaminants to the Arctic: partitioning, processes and models. <i>Science of the Total Environment</i> , 1995, 160-161, 25-38.	8.0	141
33	Critical Review and Recommended Values for the Physical-Chemical Property Data of 15 Polycyclic Aromatic Hydrocarbons at 25 \hat{A} °C. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 819-825.	1.9	140
34	Comparing Estimates of Persistence and Long-Range Transport Potential among Multimedia Models. <i>Environmental Science & Technology</i> , 2005, 39, 1932-1942.	10.0	138
35	Potential of Degradable Organic Chemicals for Absolute and Relative Enrichment in the Arctic. <i>Environmental Science & Technology</i> , 2006, 40, 569-577.	10.0	135
36	Simulating the Influence of Snow on the Fate of Organic Compounds. <i>Environmental Science & Technology</i> , 2004, 38, 4176-4186.	10.0	134

#	ARTICLE	IF	CITATIONS
37	Polychlorinated biphenyls and polybrominated diphenyl ethers in the North American atmosphere. <i>Environmental Pollution</i> , 2006, 144, 434-444.	7.5	131
38	Pesticides in Western Canadian Mountain Air and Soil. <i>Environmental Science & Technology</i> , 2007, 41, 6020-6025.	10.0	130
39	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.	10.0	130
40	The Air-Sea Equilibrium and Time Trend of Hexachlorocyclohexanes in the Atlantic Ocean between the Arctic and Antarctica. <i>Environmental Science & Technology</i> , 2002, 36, 138-145.	10.0	128
41	EMPIRICAL AND MODELING EVIDENCE OF REGIONAL ATMOSPHERIC TRANSPORT OF CURRENT-USE PESTICIDES. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2421.	4.3	128
42	The role of the global cryosphere in the fate of organic contaminants. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 3271-3305.	4.9	128
43	Supercooled Liquid Vapor Pressures of the Polycyclic Aromatic Hydrocarbons. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 801-806.	1.9	123
44	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.	10.0	121
45	Determination of Vapor Pressures, Octanol-Air, and Water-Air Partition Coefficients for Polyfluorinated Sulfonamide, Sulfonamidoethanols, and Telomer Alcohols. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 1013-1022.	1.9	116
46	Global chemical fate of γ -hexachlorocyclohexane. 1. Evaluation of a global distribution model. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1390-1399.	4.3	114
47	Comparison of Four Active and Passive Sampling Techniques for Pesticides in Air. <i>Environmental Science & Technology</i> , 2010, 44, 3410-3416.	10.0	113
48	The Importance of Snow Scavenging of Polychlorinated Biphenyl and Polycyclic Aromatic Hydrocarbon Vapors. <i>Environmental Science & Technology</i> , 1999, 33, 195-197.	10.0	110
49	Variability of concentrations of polybrominated diphenyl ethers and polychlorinated biphenyls in air: implications for monitoring, modeling and control. <i>Atmospheric Environment</i> , 2005, 39, 151-166.	4.1	110
50	Vapor Pressures of the Polybrominated Diphenyl Ethers. <i>Journal of Chemical & Engineering Data</i> , 2001, 46, 239-242.	1.9	106
51	Spatial and temporal pattern of pesticides in the global atmosphere. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1650.	2.1	106
52	Organochlorine Pesticides in the Soils and Atmosphere of Costa Rica. <i>Environmental Science & Technology</i> , 2007, 41, 1124-1130.	10.0	104
53	Accumulation of Current-Use Pesticides in Neotropical Montane Forests. <i>Environmental Science & Technology</i> , 2007, 41, 1118-1123.	10.0	104
54	Is vapor pressure or the octanol-air partition coefficient a better descriptor of the partitioning between gas phase and organic matter?. <i>Atmospheric Environment</i> , 2003, 37, 2867-2878.	4.1	103

#	ARTICLE	IF	CITATIONS
55	Application of Multimedia Models for Screening Assessment of Long-Range Transport Potential and Overall Persistence. <i>Environmental Science & Technology</i> , 2006, 40, 53-60.	10.0	103
56	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.	7.5	99
57	Field Testing Passive Air Samplers for Current Use Pesticides in a Tropical Environment. <i>Environmental Science & Technology</i> , 2008, 42, 6625-6630.	10.0	98
58	Polychlorinated Naphthalenes in the Global Atmospheric Passive Sampling (GAPS) Study. <i>Environmental Science & Technology</i> , 2007, 41, 2680-2687.	10.0	97
59	Hexachlorocyclohexanes in Air in Southern Norway. Temporal Variation, Source Allocation, and Temperature Dependence. <i>Environmental Science & Technology</i> , 1998, 32, 217-224.	10.0	96
60	Screening Chemicals for Persistence in the Environment. <i>Environmental Science & Technology</i> , 2000, 34, 881-884.	10.0	96
61	Passive air sampling for persistent organic pollutants: Introductory remarks to the special issue. <i>Environmental Pollution</i> , 2006, 144, 361-364.	7.5	96
62	A review of processes involved in the exchange of persistent organic pollutants across the air-sea interface. <i>Environmental Pollution</i> , 1998, 102, 3-23.	7.5	94
63	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.	7.1	92
64	Temperature Dependence of the Characteristic Travel Distance. <i>Environmental Science & Technology</i> , 2003, 37, 766-771.	10.0	91
65	Quantifying the Global Fractionation of Polychlorinated Biphenyls. <i>Ambio</i> , 2004, 33, 161-168.	5.5	90
66	Deposition of Polybrominated Diphenyl Ethers, Polychlorinated Biphenyls, and Polycyclic Aromatic Hydrocarbons to a Boreal Deciduous Forest. <i>Environmental Science & Technology</i> , 2007, 41, 534-540.	10.0	89
67	Prioritizing Chemicals and Data Requirements for Screening-Level Exposure and Risk Assessment. <i>Environmental Health Perspectives</i> , 2012, 120, 1565-1570.	6.0	87
68	Sorption of Nonpolar Organic Vapors by Ice and Snow. <i>Environmental Science & Technology</i> , 1995, 29, 1982-1989.	10.0	86
69	Empirical and Modeling Evidence of the Long-Range Atmospheric Transport of Decabromodiphenyl Ether. <i>Environmental Science & Technology</i> , 2006, 40, 4612-4618.	10.0	84
70	CoZMo-POP 2 - A fugacity-based dynamic multi-compartmental mass balance model of the fate of persistent organic pollutants. <i>Environmental Modelling and Software</i> , 2006, 21, 868-884.	4.5	84
71	Estimating Octanol-Air Partition Coefficients of Nonpolar Semivolatile Organic Compounds from Gas Chromatographic Retention Times. <i>Analytical Chemistry</i> , 2002, 74, 3476-3483.	6.5	81
72	Cold-Trapping of Persistent Organic Pollutants in the Mountain Soils of Western Sichuan, China. <i>Environmental Science & Technology</i> , 2008, 42, 9086-9091.	10.0	81

#	ARTICLE	IF	CITATIONS
73	Levels of polycyclic aromatic hydrocarbons in Canadian mountain air and soil are controlled by proximity to roads. <i>Environmental Pollution</i> , 2009, 157, 3199-3206.	7.5	81
74	Transport of polycyclic aromatic hydrocarbons and pesticides during snowmelt within an urban watershed. <i>Water Research</i> , 2011, 45, 1147-1156.	11.3	81
75	Modelling the fate of non-polar organic chemicals in an ageing snow pack. <i>Chemosphere</i> , 1997, 35, 2345-2363.	8.2	80
76	Global chemical fate of α -hexachlorocyclohexane. 2. Use of a global distribution model for mass balancing, source apportionment, and trend prediction. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1400-1407.	4.3	78
77	Organic Contaminant Release from Melting Snow. 1. Influence of Chemical Partitioning. <i>Environmental Science & Technology</i> , 2009, 43, 657-662.	10.0	74
78	The Influence of Vertical Sorbed Phase Transport on the Fate of Organic Chemicals in Surface Soils. <i>Environmental Science & Technology</i> , 2002, 36, 4860-4867.	10.0	72
79	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.	6.0	72
80	On the origin of elevated levels of persistent chemicals in the environment. <i>Environmental Science and Pollution Research</i> , 1999, 6, 11-19.	5.3	71
81	Polycyclic aromatic hydrocarbons in Costa Rican air and soil: A tropical/temperate comparison. <i>Atmospheric Environment</i> , 2007, 41, 7339-7350.	4.1	70
82	Regressing Gas/Particle Partitioning Data for Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 2006, 40, 3558-3564.	10.0	69
83	Measurement of the Vapor Pressure of Several Low-Volatility Organochlorine Chemicals at Low Temperatures with a Gas Saturation Method. <i>Journal of Chemical & Engineering Data</i> , 1994, 39, 572-577.	1.9	68
84	Transport of Semivolatile Organic Compounds to the Tibetan Plateau: Spatial and Temporal Variation in Air Concentrations in Mountainous Western Sichuan, China. <i>Environmental Science & Technology</i> , 2010, 44, 1559-1565.	10.0	68
85	Iterative Fragment Selection: A Group Contribution Approach to Predicting Fish Biotransformation Half-Lives. <i>Environmental Science & Technology</i> , 2012, 46, 8253-8260.	10.0	67
86	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
87	Vapor Pressures of the Polychlorinated Naphthalenes. <i>Journal of Chemical & Engineering Data</i> , 1999, 44, 577-582.	1.9	62
88	Potential Role of Phospholipids in Determining the Internal Tissue Distribution of Perfluoroalkyl Acids in Biota. <i>Environmental Science & Technology</i> , 2012, 46, 12285-12286.	10.0	62
89	Evidence of Latitudinal Fractionation of Polychlorinated Biphenyl Congeners along the Baltic Sea Region. <i>Environmental Science & Technology</i> , 1999, 33, 1149-1156.	10.0	60
90	Molecular polarizability as a single-parameter predictor of vapour pressures and octanol-air partitioning coefficients of non-polar compounds: a priori approach and results. <i>Atmospheric Environment</i> , 2004, 38, 213-225.	4.1	60

#	ARTICLE	IF	CITATIONS
91	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.	8.2	60
92	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.	10.0	60
93	Time Trends of Arctic Contamination in Relation to Emission History and Chemical Persistence and Partitioning Properties. <i>Environmental Science & Technology</i> , 2007, 41, 5986-5992.	10.0	59
94	Investigating Intergenerational Differences in Human PCB Exposure due to Variable Emissions and Reproductive Behaviors. <i>Environmental Health Perspectives</i> , 2011, 119, 641-646.	6.0	59
95	Air synthesis review: polycyclic aromatic compounds in the oil sands region. <i>Environmental Reviews</i> , 2018, 26, 430-468.	4.5	58
96	Measuring and Modeling the Salting-out Effect in Ammonium Sulfate Solutions. <i>Environmental Science & Technology</i> , 2014, 48, 13238-13245.	10.0	57
97	Organic Contaminant Release from Melting Snow. 2. Influence of Snow Pack and Melt Characteristics. <i>Environmental Science & Technology</i> , 2009, 43, 663-668.	10.0	56
98	Measuring the Release of Organic Contaminants from Melting Snow under Controlled Conditions. <i>Environmental Science & Technology</i> , 2006, 40, 3320-3326.	10.0	54
99	A High-Precision Passive Air Sampler for Gaseous Mercury. <i>Environmental Science and Technology Letters</i> , 2016, 3, 24-29.	8.7	54
100	Persistent organic pollutants and mercury in the Himalaya. <i>Aquatic Ecosystem Health and Management</i> , 2005, 8, 223-233.	0.6	53
101	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.	10.0	53
102	Estimating Screening-Level Organic Chemical Half-Lives in Humans. <i>Environmental Science & Technology</i> , 2014, 48, 723-730.	10.0	52
103	Measurement of the Specific Surface Area of Snow with the Nitrogen Adsorption Technique. <i>Environmental Science & Technology</i> , 1998, 32, 58-62.	10.0	51
104	Does the Forest Filter Effect Prevent Semivolatile Organic Compounds from Reaching the Arctic?. <i>Environmental Science & Technology</i> , 2005, 39, 7185-7193.	10.0	51
105	COMPARATIVE EVALUATION OF THREE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY-BASED K_{ow} ESTIMATION METHODS FOR HIGHLY HYDROPHOBIC ORGANIC COMPOUNDS: POLYBROMINATED DIPHENYL ETHERS AND HEXABROMOCYCLODODECANE. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2018.	4.3	51
106	Towards an understanding of the link between environmental emissions and human body burdens of PCBs using CoZMoMAN. <i>Environment International</i> , 2010, 36, 85-91.	10.0	51
107	Passive air sampling for semi-volatile organic chemicals. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1925-2002.	3.5	51
108	Altitudinal Transect of Atmospheric and Aqueous Fluorinated Organic Compounds in Western Canada. <i>Environmental Science & Technology</i> , 2008, 42, 2374-2379.	10.0	50

#	ARTICLE	IF	CITATIONS
109	Combining Long-Range Transport and Bioaccumulation Considerations to Identify Potential Arctic Contaminants. <i>Environmental Science & Technology</i> , 2008, 42, 3704-3709.	10.0	49
110	How are Humans Exposed to Organic Chemicals Released to Indoor Air?. <i>Environmental Science & Technology</i> , 2019, 53, 11276-11284.	10.0	49
111	Modelling the global distribution of toxaphene: A discussion of feasibility and desirability. <i>Chemosphere</i> , 1993, 27, 2079-2094.	8.2	48
112	Temperature-Dependent Vapor Pressure of Selected Cyclic and Linear Polydimethylsiloxane Oligomers. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 5868-5873.	1.9	48
113	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.	10.0	47
114	Determination of Octanol [*] Air Partition Coefficient (KOA) Values for Chlorobenzenes and Polychlorinated Naphthalenes from Gas Chromatographic Retention Times. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 449-455.	1.9	46
115	Neutral polyfluoroalkyl substances in the global Atmosphere. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 404-413.	3.5	46
116	Temperature Dependence of Aqueous Solubility of Selected Chlorobenzenes, Polychlorinated Biphenyls, and Dibenzofuran. <i>Journal of Chemical & Engineering Data</i> , 1997, 42, 293-297.	1.9	45
117	Evaluating a Model of the Historical Behavior of Two Hexachlorocyclohexanes in the Baltic Sea Environment. <i>Environmental Science & Technology</i> , 2002, 36, 1014-1023.	10.0	45
118	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.	10.0	45
119	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.	10.0	45
120	The effect of export to the deep sea on the long-range transport potential of persistent organic pollutants. <i>Environmental Science and Pollution Research</i> , 2004, 11, 41-48.	5.3	44
121	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.	10.0	44
122	Polychlorinated Biphenyls in the Atmosphere of Southern Norway. <i>Environmental Science & Technology</i> , 1999, 33, 2340-2345.	10.0	43
123	HPLC-Based Method for Estimating the Temperature Dependence of n-Octanol [*] Water Partition Coefficients. <i>Journal of Chemical & Engineering Data</i> , 2000, 45, 738-742.	1.9	43
124	Sorption of a diverse set of organic chemical vapors onto XAD-2 resin: Measurement, prediction and implications for air sampling. <i>Atmospheric Environment</i> , 2011, 45, 296-302.	4.1	43
125	Deposition of Brominated Flame Retardants to the Devon Ice Cap, Nunavut, Canada. <i>Environmental Science & Technology</i> , 2012, 46, 826-833.	10.0	43
126	Global evaluation and calibration of a passive air sampler for gaseous mercury. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5905-5919.	4.9	43

#	ARTICLE	IF	CITATIONS
127	Calibration and Application of a Passive Air Sampler (XAD-PAS) for Volatile Methyl Siloxanes. <i>Environmental Science & Technology</i> , 2013, 47, 4463-4470.	10.0	42
128	Passive air sampling of gaseous elemental mercury: a critical review. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3061-3076.	4.9	41
129	Modelling the fate of non-polar organic chemicals during the melting of an Arctic snowpack. , 1999, 13, 2245-2256.		40
130	Measuring and simulating atmospheric concentration trends of polychlorinated biphenyls in the Northern Hemisphere. <i>Atmospheric Environment</i> , 2005, 39, 6502-6512.	4.1	40
131	Modeling Exposure to Persistent Chemicals in Hazard and Risk Assessment. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 662.	2.9	40
132	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.	10.0	40
133	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.	10.0	40
134	Changes in Surface Area and Concentrations of Semivolatile Organic Contaminants in Aging Snow. <i>Environmental Science & Technology</i> , 2007, 41, 4932-4937.	10.0	39
135	Fate of Pesticides in the Arid Subtropics, Botswana, Southern Africa. <i>Environmental Science & Technology</i> , 2010, 44, 8082-8088.	10.0	39
136	Assessment of chemical screening outcomes based on different partitioning property estimation methods. <i>Environment International</i> , 2010, 36, 514-520.	10.0	39
137	Spatial variability of atmospheric semivolatile organic compounds in Chile. <i>Atmospheric Environment</i> , 2011, 45, 303-309.	4.1	38
138	Chemical activity as an integrating concept in environmental assessment and management of contaminants. <i>Integrated Environmental Assessment and Management</i> , 2011, 7, 248-255.	2.9	38
139	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.	10.0	38
140	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.	10.0	38
141	Transport of semivolatile organic compounds to the Tibetan Plateau: Monthly resolved air concentrations at Nam Co. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	37
142	Effect of Wind on the Chemical Uptake Kinetics of a Passive Air Sampler. <i>Environmental Science & Technology</i> , 2013, 47, 7868-7875.	10.0	37
143	Expanding the Applicability of Multimedia Fate Models to Polar Organic Chemicals. <i>Environmental Science & Technology</i> , 2003, 37, 4934-4943.	10.0	36
144	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.	10.0	36

#	ARTICLE	IF	CITATIONS
145	Characterization and Quantification of Atmospheric Mercury Sources Using Passive Air Samplers. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2351-2362.	3.3	36
146	Illustrating Sensitivity and Uncertainty in Environmental Fate Models Using Partitioning Maps. <i>Environmental Science & Technology</i> , 2005, 39, 3186-3196.	10.0	35
147	Establishing a Framework for Life Cycle Toxicity Assessment. Findings of the Lausanne Review Workshop (4 pp). <i>International Journal of Life Cycle Assessment</i> , 2006, 11, 209-212.	4.7	35
148	A Flow-Through Sampler for Semivolatile Organic Compounds in Air. <i>Environmental Science & Technology</i> , 2007, 41, 250-256.	10.0	35
149	Depletion of gaseous polycyclic aromatic hydrocarbons by a forest canopy. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 4105-4113.	4.9	34
150	Levels and Seasonal Variability of Pesticides in the Rural Atmosphere of Southern Ontario. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1077-1084.	5.2	34
151	Modeling the elution of organic chemicals from a melting homogeneous snow pack. <i>Water Research</i> , 2011, 45, 3627-3637.	11.3	34
152	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.	3.5	34
153	A Database of Experimentally Derived and Estimated Octanol:Air Partition Ratios (K_{OA}). <i>Journal of Physical and Chemical Reference Data</i> , 2021, 50, .	4.2	34
154	Susceptibility of Human Populations to Environmental Exposure to Organic Contaminants. <i>Environmental Science & Technology</i> , 2010, 44, 6249-6255.	10.0	33
155	Uncertain Henry's law constants compromise equilibrium partitioning calculations of atmospheric oxidation products. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 7529-7540.	4.9	33
156	A synthesis of research needs for improving the understanding of atmospheric mercury cycling. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 9133-9144.	4.9	33
157	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.	3.1	33
158	Sampling Medium Side Resistance to Uptake of Semivolatile Organic Compounds in Passive Air Samplers. <i>Environmental Science & Technology</i> , 2011, 45, 10509-10515.	10.0	32
159	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.	4.9	32
160	Spatial variation of short- and medium-chain chlorinated paraffins in ambient air across Australia. <i>Environmental Pollution</i> , 2020, 261, 114141.	7.5	31
161	Comment on "Reevaluation of Air-Water Exchange Fluxes of PCBs in Green Bay and Southern Lake Michigan". <i>Environmental Science & Technology</i> , 2004, 38, 1626-1628.	10.0	30
162	Laboratory Studies on the Fate of Perfluoroalkyl Carboxylates and Sulfonates during Snowmelt. <i>Environmental Science & Technology</i> , 2011, 45, 6872-6878.	10.0	30

#	ARTICLE	IF	CITATIONS
163	Prospects for modeling the behavior and fate of mercury, globally and in aquatic systems. <i>Water, Air, and Soil Pollution</i> , 1995, 80, 941-950.	2.4	29
164	Mass Budgets, Pathways, and Equilibrium States of Two Hexachlorocyclohexanes in the Baltic Sea Environment. <i>Environmental Science & Technology</i> , 2002, 36, 1024-1032.	10.0	29
165	Evidence of Bias in Air-Water Henry's Law Constants for Semivolatile Organic Compounds Measured by Inert Gas Stripping. <i>Environmental Science & Technology</i> , 2007, 41, 3807-3814.	10.0	29
166	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.	3.5	29
167	Using Model-Based Screening to Help Discover Unknown Environmental Contaminants. <i>Environmental Science & Technology</i> , 2014, 48, 7264-7271.	10.0	29
168	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.	10.0	29
169	Novel methods for predicting gas-particle partitioning during the formation of secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 13189-13204.	4.9	27
170	The transport of polycyclic aromatic hydrocarbons during rainfall and snowmelt in contrasting landscapes. <i>Water Research</i> , 2017, 124, 407-414.	11.3	27
171	Spatial and temporal distribution of Persistent Organic Pollutants and current use pesticides in the atmosphere of Argentinean Patagonia. <i>Chemosphere</i> , 2021, 266, 129015.	8.2	27
172	Assessing the long-range transport potential of polybrominated diphenyl ethers: a comparison of four multimedia models. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1252-61.	4.3	27
173	Identifying and evaluating urban mercury emission sources through passive sampler-based mapping of atmospheric concentrations. <i>Environmental Research Letters</i> , 2018, 13, 074008.	5.2	26
174	Elucidating the Variability in the Hexabromocyclododecane Diastereomer Profile in the Global Environment. <i>Environmental Science & Technology</i> , 2018, 52, 10532-10542.	10.0	26
175	Identifying the Research and Infrastructure Needs for the Global Assessment of Hazardous Chemicals Ten Years after Establishing the Stockholm Convention. <i>Environmental Science & Technology</i> , 2011, 45, 7617-7619.	10.0	25
176	Fate of Perfluorinated Carboxylates and Sulfonates During Snowmelt Within an Urban Watershed. <i>Environmental Science & Technology</i> , 2011, 45, 8113-8119.	10.0	25
177	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
178	What environmental fate processes have the strongest influence on a completely persistent organic chemical's accumulation in the Arctic?. <i>Atmospheric Environment</i> , 2007, 41, 2757-2767.	4.1	24
179	Toward a Consistent Evaluative Framework for POP Risk Characterization. <i>Environmental Science & Technology</i> , 2011, 45, 97-103.	10.0	24
180	Current-use pesticide transport to Costa Rica's high-altitude tropical cloud forest. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2709-2717.	4.3	24

#	ARTICLE	IF	CITATIONS
181	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. Atmospheric Pollution Research, 2018, 9, 238-245.	3.8	24
182	Isotopic Characterization of Atmospheric Gaseous Elemental Mercury by Passive Air Sampling. Environmental Science & Technology, 2020, 54, 10533-10543.	10.0	24
183	Development and Exploration of an Organic Contaminant Fate Model Using Poly-Parameter Linear Free Energy Relationships. Environmental Science & Technology, 2009, 43, 6676-6683.	10.0	23
184	Spatial distribution of selected persistent organic pollutants (POPs) in Australia's atmosphere. Environmental Sciences: Processes and Impacts, 2015, 17, 525-532.	3.5	23
185	Trans-Himalayan Transport of Organochlorine Compounds: Three-Year Observations and Model-Based Flux Estimation. Environmental Science & Technology, 2019, 53, 6773-6783.	10.0	23
186	Mercury stable isotopes reveal the sources and transformations of atmospheric Hg in the high Arctic. Applied Geochemistry, 2021, 131, 105002.	3.0	23
187	Long term measurements of wet deposition and precipitation scavenging of hexachlorocyclohexanes in Southern Norway. Environmental Pollution, 1999, 105, 381-386.	7.5	22
188	On the Reversibility of Environmental Contamination with Persistent Organic Pollutants. Environmental Science & Technology, 2011, 45, 8834-8841.	10.0	22
189	Influence of Sampler Configuration on the Uptake Kinetics of a Passive Air Sampler. Environmental Science & Technology, 2012, 46, 397-403.	10.0	22
190	Evaluating the Effectiveness of Fish Consumption Advisories: Modeling Prenatal, Postnatal, and Childhood Exposures to Persistent Organic Pollutants. Environmental Health Perspectives, 2014, 122, 178-186.	6.0	22
191	Unravelling the Relationship between Body Mass Index and Polychlorinated Biphenyl Concentrations Using a Mechanistic Model. Environmental Science & Technology, 2016, 50, 10055-10064.	10.0	22
192	Reliable Prediction of the Octanol-Air Partition Ratio. Environmental Toxicology and Chemistry, 2021, 40, 3166-3180.	4.3	22
193	Spatial variability in compartmental fate modelling. Environmental Science and Pollution Research, 1996, 3, 39-46.	5.3	21
194	Field Testing a Flow-Through Sampler for Semivolatile Organic Compounds in Air. Environmental Science & Technology, 2008, 42, 2970-2975.	10.0	21
195	Thirdhand smoke from tobacco, e-cigarettes, cannabis, methamphetamine and cocaine: Partitioning, reactive fate, and human exposure in indoor environments. Environment International, 2022, 160, 107063.	10.0	21
196	Comparison of Headspace and Gas-Stripping Techniques for Measuring the Air-Water Partitioning of Normal Alkanols (C4 to C10): A Effect of Temperature, Chain Length, and Adsorption to the Water Surface. Journal of Chemical & Engineering Data, 2007, 52, 168-179.	1.9	20
197	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. Environment International, 2012, 49, 83-91.	10.0	20
198	Evaluating the environmental fate of short-chain chlorinated paraffins (SCCPs) in the Nordic environment using a dynamic multimedia model. Environmental Sciences: Processes and Impacts, 2013, 15, 2240.	3.5	20

#	ARTICLE	IF	CITATIONS
199	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.	7.5	19
200	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.	4.3	19
201	Clarifying Temporal Trend Variability in Human Biomonitoring of Polybrominated Diphenyl Ethers through Mechanistic Modeling. <i>Environmental Science & Technology</i> , 2020, 54, 166-175.	10.0	19
202	A field intercomparison of three passive air samplers for gaseous mercury in ambient air. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 3657-3672.	3.1	19
203	More of EPA's SPARC Online Calculator - The Need for High-Quality Predictions of Chemical Properties. <i>Environmental Science & Technology</i> , 2010, 44, 4400-4401.	10.0	18
204	Model-based exploration of the drivers of mountain cold-trapping in soil. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2220.	3.5	18
205	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.	10.0	18
206	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.	10.0	18
207	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.	10.0	18
208	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.	10.0	18
209	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.	2.9	18
210	Atmospheric concentrations and temporal trends of polychlorinated biphenyls and organochlorine pesticides in the Arctic during 2011-2018. <i>Chemosphere</i> , 2021, 267, 128859.	8.2	18
211	Temperature Dependent Vapor Pressures of Chlorinated Catechols, Syringols, and Syringaldehydes. <i>Journal of Chemical & Engineering Data</i> , 1999, 44, 200-202.	1.9	17
212	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.	3.5	17
213	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.	3.5	17
214	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.	10.0	17
215	Evaluating the environmental fate of pharmaceuticals using a level III model based on poly-parameter linear free energy relationships. <i>Science of the Total Environment</i> , 2006, 359, 177-187.	8.0	16
216	Temperature Dependence of the Air Concentrations of Polychlorinated Biphenyls and Polybrominated Diphenyl Ethers in a Forest and a Clearing. <i>Environmental Science & Technology</i> , 2007, 41, 4655-4661.	10.0	16

#	ARTICLE	IF	CITATIONS
217	Theoretical and Experimental Simulation of the Fate of Semifluorinated <i>n</i> -Alkanes during Snowmelt. <i>Environmental Science & Technology</i> , 2010, 44, 6692-6697.	10.0	16
218	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.	10.0	16
219	Mountain Cold-Trapping Increases Transfer of Persistent Organic Pollutants from Atmosphere to Cows' Milk. <i>Environmental Science & Technology</i> , 2013, 47, 9175-9181.	10.0	16
220	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.	10.0	16
221	Occurrence of Single- and Double-Peaked Emission Profiles of Synthetic Chemicals. <i>Environmental Science & Technology</i> , 2018, 52, 4684-4693.	10.0	16
222	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.	5.2	16
223	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.	8.0	16
224	Sorption of Chlorobenzene Vapors on Styrene- <i>co</i> -Divinylbenzene Polymer. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 944-949.	1.9	15
225	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
226	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.	3.5	15
227	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.	6.0	15
228	Prediction of Subcooled Vapor Pressures of Nonpolar Organic Compounds Using a One-Parameter QSPR. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 438-443.	1.9	14
229	On the Construction, Comparison, and Variability of Airsheds for Interpreting Semivolatile Organic Compounds in Passively Sampled Air. <i>Environmental Science & Technology</i> , 2011, 45, 8850-8857.	10.0	14
230	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.	10.0	14
231	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.	10.0	14
232	Validation of a flow-through sampler for pesticides and polybrominated diphenyl ethers in air. <i>Atmospheric Environment</i> , 2009, 43, 2401-2409.	4.1	13
233	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
234	Hydrological transit times in nested urban and agricultural watersheds in the Greater Toronto Area, Canada. <i>Hydrological Processes</i> , 2019, 33, 350-360.	2.6	13

#	ARTICLE	IF	CITATIONS
235	Development, characterization, and testing of a personal passive sampler for measuring inhalation exposure to gaseous elemental mercury. <i>Environment International</i> , 2021, 146, 106264.	10.0	13
236	A New Approach to Characterizing the Partitioning of Volatile Organic Compounds to Cotton Fabric. <i>Environmental Science & Technology</i> , 2022, 56, 3365-3374.	10.0	13
237	Organophosphate esters in Arctic air from 2011 to 2019: Concentrations, temporal trends, and potential sources. <i>Journal of Hazardous Materials</i> , 2022, 434, 128872.	12.4	13
238	MODELING THE FATE OF POLYCHLORINATED BIPHENYLS IN THE INNER OSLOFJORD, NORWAY. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2386.	4.3	12
239	Large Bubbles Reduce the Surface Sorption Artifact of the Inert Gas Stripping Method. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 792-797.	1.9	12
240	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.	2.3	12
241	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.	7.1	12
242	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.	6.0	12
243	Mechanistic modeling of persistent organic pollutant exposure among indigenous Arctic populations: motivations, challenges, and benefits. <i>Environmental Reviews</i> , 2017, 25, 396-407.	4.5	12
244	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.	2.7	12
245	Do dissipation and transformation of $\text{I}^3\text{-HCH}$ and $p,p\text{-DDT}$ 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.	7.5	11
246	Selecting internally consistent physicochemical properties of organic compounds. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 941-53.	4.3	11
247	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.	5.2	11
248	Global fate of persistent organic pollutants. <i>Toxicological and Environmental Chemistry</i> , 1998, 66, 81-89.	1.2	10
249	Three methods for quantifying proximity of air sampling sites to spatially resolved emissions of semi-volatile organic contaminants. <i>Atmospheric Environment</i> , 2010, 44, 4380-4387.	4.1	10
250	Semivolatile Organic Contaminants in the Hawaiian Atmosphere. <i>Environmental Science & Technology</i> , 2017, 51, 11634-11642.	10.0	10
251	A Multicompartmental, Multi-Basin Fugacity Model Describing the Fate of PCBs in the Baltic Sea. <i>Ecological Studies</i> , 2001, , 417-447.	1.2	10
252	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.	10.0	9

#	ARTICLE	IF	CITATIONS
253	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.	1.5	9
254	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.	3.5	9
255	Advancing passive sampling of contaminants in environmental science. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 366.	3.5	9
256	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.	3.5	9
257	The Role of Water in Organic Aerosol Multiphase Chemistry: Focus on Partitioning and Reactivity. , 2017, , 95-184.		9
258	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.	3.5	9
259	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.	10.0	9
260	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.	7.5	9
261	Multi-compartmental models of contaminant fate in the environment. , 1998, 11, 65-68.		8
262	Schadstoffe ohne Grenzen - Ferntransport persistenter organischer Umweltchemikalien in die Kaltere Regionen der Erde. <i>Gaia</i> , 2004, 13, 176-185.	0.7	8
263	ASSESSING THE LONG-RANGE TRANSPORT POTENTIAL OF POLYBROMINATED DIPHENYL ETHERS: A COMPARISON OF FOUR MULTIMEDIA MODELS. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1252.	4.3	8
264	Environmental fate of POPs. , 2000, 102, 54-56.		7
265	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.	1.9	7
266	Maternal-Child Exposures to Persistent Organic Pollutants in Dhaka, Bangladesh. <i>Exposure and Health</i> , 2020, 12, 79-87.	4.9	7
267	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.	3.3	7
268	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.	3.5	7
269	SELECTING INTERNALLY CONSISTENT PHYSICOCHEMICAL PROPERTIES OF ORGANIC COMPOUNDS. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 941.	4.3	7
270	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.	2.9	7

#	ARTICLE	IF	CITATIONS
271	Copper-promoted reactions of polybrominated dibenzo-para-dioxins (PBrDD). <i>Chemosphere</i> , 1990, 21, 417-432.	8.2	6
272	Determination of Partitioning Coefficients of Numerous Organic Solutes between a Long-Chain Aliphatic Alcohol and the Gas Phase as a Function of Temperature. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 338-346.	1.9	6
273	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.	3.5	6
274	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.	1.4	6
275	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.	3.5	6
276	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.	4.6	6
277	EVALUATING ENVIRONMENTAL PERSISTENCE. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 2148.	4.3	6
278	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.	2.4	6
279	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.	10.0	6
280	Mercury in air and soil on an urban-rural transect in East Africa. <i>Environmental Sciences: Processes and Impacts</i> , 2022, , .	3.5	6
281	Evaluation of Three Prediction Methods for Partitioning Coefficients of Organic Solutes between a Long-Chain Aliphatic Alcohol and the Gas Phase as a Function of Temperature. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 330-337.	1.9	5
282	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.	3.5	5
283	Is secondary organic aerosol yield governed by kinetic factors rather than equilibrium partitioning?. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 245-252.	3.5	5
284	GLOBAL CHEMICAL FATE OF Î±-HEXACHLOROCYCLOHEXANE. 2. USE OF A GLOBAL DISTRIBUTION MODEL FOR MASS BALANCING, SOURCE APPORTIONMENT, AND TREND PREDICTION. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1400.	4.3	5
285	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.	3.5	5
286	Introducing a nested multimedia fate and transport model for organic contaminants (NEM). <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1146-1157.	3.5	4
287	Measurement of Vapor Pressures and Melting Properties of Five Polybrominated Aromatic Flame Retardants. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 2578-2585.	1.9	4
288	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.	4.2	4

#	ARTICLE	IF	CITATIONS
289	Response to Comment on "More of EPA's SPARC Online Calculator" The Need for High Quality Predictions of Chemical Properties. Environmental Science & Technology, 2010, 44, 7746-7747.	10.0	3
290	Comment on "Measured Saturation Vapor Pressures of Phenolic and Nitro-Aromatic Compounds". Environmental Science & Technology, 2017, 51, 7742-7743.	10.0	3
291	Model-based exploration of the variability in lake trout (<i>Salvelinus namaycush</i>) bioaccumulation factors: The influence of physiology and trophic relationships. Environmental Toxicology and Chemistry, 2019, 38, 831-840.	4.3	3
292	Phase partitioning, transport and sources of Benzotriazole Ultraviolet Stabilizers during a runoff event. Water Research X, 2021, 13, 100115.	6.1	3
293	GLOBAL CHEMICAL FATE OF 1,1-DIBROMO-1,1-DIFLUOROETHANE. 1. EVALUATION OF A GLOBAL DISTRIBUTION MODEL. Environmental Toxicology and Chemistry, 1999, 18, 1390.	4.3	3
294	Traffic-related sources may dominate urban water contamination for many organic contaminants. Environmental Research Letters, 2022, 17, 044030.	5.2	3
295	Response to Comment on "Simulating the Influence of Snow on the Fate of Organic Compounds". Environmental Science & Technology, 2004, 38, 6905-6906.	10.0	2
296	Celebrating Bidleman's 1988 "Atmospheric Processes". Environmental Science & Technology, 2015, 49, 1235-1236.	10.0	2
297	Quantifying the Biomagnification Capability of Arctic Wolf and Domestic Dog by Equilibrium Sampling. Environmental Science & Technology, 2020, 54, 6842-6849.	10.0	2
298	Defining the Bioaccumulation, Persistence, and Transport Attributes of Priority Chemicals. ACS Symposium Series, 2000, , 14-28.	0.5	1
299	The unlikely fate of a term paper. Ambio, 2021, 50, 532-533.	5.5	1
300	Environmental fate of POPs. European Journal of Lipid Science and Technology, 2000, 102, 54-56.	1.5	1
301	Transport and Fate of Chemicals in the Environment. , 2003, , 89-105.		1
302	Persistent Organic Contaminants in Alpine Waters. Handbook of Environmental Chemistry, 2010, , 151-171.	0.4	1
303	Statement for the SERRA forum on the effects of vegetation. Stochastic Environmental Research and Risk Assessment, 2003, 17, 238-240.	4.0	0
304	JEM Editorial: Focus on scope. Journal of Environmental Monitoring, 2012, 14, 22-22.	2.1	0
305	Off to a flying start. Environmental Sciences: Processes and Impacts, 2014, 16, 9-9.	3.5	0
306	Seven questions when deciding where to submit. Environmental Sciences: Processes and Impacts, 2015, 17, 10-11.	3.5	0

#	ARTICLE	IF	CITATIONS
307	Mechanistically Modeling Human Exposure to Persistent Organic Pollutants. , 2020, , 115-128.		0
308	Quantifying the Global Fractionation of Polychlorinated Biphenyls. Ambio, 2004, 33, 161.	5.5	0