

Frank Wania

List of Publications by Year in descending order

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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	Peer Reviewed: Tracking the Distribution of Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 1996, 30, 390A-396A.	4.6	1,244
2	Contaminants in the Canadian Arctic: 5 years of progress in understanding sources, occurrence and pathways. <i>Science of the Total Environment</i> , 2000, 254, 93-234.	3.9	600
3	Toward a Global Network for Persistent Organic Pollutants in Air: Results from the GAPS Study. <i>Environmental Science & Technology</i> , 2006, 40, 4867-4873.	4.6	386
4	Assessing the long-range transport potential of polybrominated diphenyl ethers: A comparison of four multimedia models. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1252-1261.	2.2	367
5	Assessing the Potential of Persistent Organic Chemicals for Long-Range Transport and Accumulation in Polar Regions. <i>Environmental Science & Technology</i> , 2003, 37, 1344-1351.	4.6	352
6	A global distribution model for persistent organic chemicals. <i>Science of the Total Environment</i> , 1995, 160-161, 211-232.	3.9	333
7	Organic Contaminants in Mountains. <i>Environmental Science & Technology</i> , 2005, 39, 385-398.	4.6	324
8	Assessing Long-Range Transport Potential of Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 2000, 34, 699-703.	4.6	322
9	Atmospheric Distribution and Long-Range Transport Behavior of Organochlorine Pesticides in North America. <i>Environmental Science & Technology</i> , 2005, 39, 409-420.	4.6	309
10	Temperature Dependence of Atmospheric Concentrations of Semivolatile Organic Compounds. <i>Environmental Science & Technology</i> , 1998, 32, 1013-1021.	4.6	299
11	Is rain or snow a more efficient scavenger of organic chemicals?. <i>Atmospheric Environment</i> , 2004, 38, 3557-3571.	1.9	287
12	Seasonally Resolved Concentrations of Persistent Organic Pollutants in the Global Atmosphere from the First Year of the GAPS Study. <i>Environmental Science & Technology</i> , 2009, 43, 796-803.	4.6	277
13	Compilation, Evaluation, and Selection of Physical-Chemical Property Data for Organochlorine Pesticides. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 742-768.	1.0	262
14	Development and Calibration of a Resin-Based Passive Sampling System for Monitoring Persistent Organic Pollutants in the Atmosphere. <i>Environmental Science & Technology</i> , 2003, 37, 1352-1359.	4.6	253
15	A Comprehensive and Critical Compilation, Evaluation, and Selection of Physical-Chemical Property Data for Selected Polychlorinated Biphenyls. <i>Journal of Physical and Chemical Reference Data</i> , 2003, 32, 1545-1590.	1.9	224
16	A Global Mass Balance Analysis of the Source of Perfluorocarboxylic Acids in the Arctic Ocean. <i>Environmental Science & Technology</i> , 2007, 41, 4529-4535.	4.6	201
17	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
18	Estimating the Influence of Forests on the Overall Fate of Semivolatile Organic Compounds Using a Multimedia Fate Model. <i>Environmental Science & Technology</i> , 2001, 35, 582-590.	4.6	186

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19	On the Mechanism of Mountain Cold-Trapping of Organic Chemicals. <i>Environmental Science & Technology</i> , 2008, 42, 9092-9098.	4.6	176
20	Hexachlorocyclohexanes in the North American Atmosphere. <i>Environmental Science & Technology</i> , 2004, 38, 965-975.	4.6	166
21	Organic contaminant amplification during snowmelt. <i>Water Research</i> , 2008, 42, 1847-1865.	5.3	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.	4.6	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.	4.2	162
24	The effects of snow and ice on the environmental behaviour of hydrophobic organic chemicals. <i>Environmental Pollution</i> , 1998, 102, 25-41.	3.7	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.	1.0	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.	4.6	157
27	The evolution of mass balance models of persistent organic pollutant fate in the environment. <i>Environmental Pollution</i> , 1999, 100, 223-240.	3.7	154
28	Evaluating environmental persistence. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 2148-2158.	2.2	151
29	Selecting internally consistent physicochemical properties of organic compounds. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 941-953.	2.2	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.	1.9	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.	2.2	144
32	Transport of contaminants to the Arctic: partitioning, processes and models. <i>Science of the Total Environment</i> , 1995, 160-161, 25-38.	3.9	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.	1.0	140
34	Comparing Estimates of Persistence and Long-Range Transport Potential among Multimedia Models. <i>Environmental Science & Technology</i> , 2005, 39, 1932-1942.	4.6	138
35	Potential of Degradable Organic Chemicals for Absolute and Relative Enrichment in the Arctic. <i>Environmental Science & Technology</i> , 2006, 40, 569-577.	4.6	135
36	Simulating the Influence of Snow on the Fate of Organic Compounds. <i>Environmental Science & Technology</i> , 2004, 38, 4176-4186.	4.6	134

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37	Polychlorinated biphenyls and polybrominated diphenyl ethers in the North American atmosphere. <i>Environmental Pollution</i> , 2006, 144, 434-444.	3.7	131
38	Pesticides in Western Canadian Mountain Air and Soil. <i>Environmental Science & Technology</i> , 2007, 41, 6020-6025.	4.6	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.	4.6	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.	4.6	128
41	EMPIRICAL AND MODELING EVIDENCE OF REGIONAL ATMOSPHERIC TRANSPORT OF CURRENT-USE PESTICIDES. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2421.	2.2	128
42	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
43	Supercooled Liquid Vapor Pressures of the Polycyclic Aromatic Hydrocarbons. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 801-806.	1.0	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.	4.6	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.	1.0	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.	2.2	114
47	Comparison of Four Active and Passive Sampling Techniques for Pesticides in Air. <i>Environmental Science & Technology</i> , 2010, 44, 3410-3416.	4.6	113
48	The Importance of Snow Scavenging of Polychlorinated Biphenyl and Polycyclic Aromatic Hydrocarbon Vapors. <i>Environmental Science & Technology</i> , 1999, 33, 195-197.	4.6	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.	1.9	110
50	Vapor Pressures of the Polybrominated Diphenyl Ethers. <i>Journal of Chemical & Engineering Data</i> , 2001, 46, 239-242.	1.0	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.	4.6	104
53	Accumulation of Current-Use Pesticides in Neotropical Montane Forests. <i>Environmental Science & Technology</i> , 2007, 41, 1118-1123.	4.6	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.	1.9	103

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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.	4.6	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.	3.7	99
57	Field Testing Passive Air Samplers for Current Use Pesticides in a Tropical Environment. <i>Environmental Science & Technology</i> , 2008, 42, 6625-6630.	4.6	98
58	Polychlorinated Naphthalenes in the Global Atmospheric Passive Sampling (GAPS) Study. <i>Environmental Science & Technology</i> , 2007, 41, 2680-2687.	4.6	97
59	Hexachlorocyclohexanes in Air in Southern Norway. Temporal Variation, Source Allocation, and Temperature Dependence. <i>Environmental Science & Technology</i> , 1998, 32, 217-224.	4.6	96
60	Screening Chemicals for Persistence in the Environment. <i>Environmental Science & Technology</i> , 2000, 34, 881-884.	4.6	96
61	Passive air sampling for persistent organic pollutants: Introductory remarks to the special issue. <i>Environmental Pollution</i> , 2006, 144, 361-364.	3.7	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.	3.7	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.	3.3	92
64	Temperature Dependence of the Characteristic Travel Distance. <i>Environmental Science & Technology</i> , 2003, 37, 766-771.	4.6	91
65	Quantifying the Global Fractionation of Polychlorinated Biphenyls. <i>Ambio</i> , 2004, 33, 161-168.	2.8	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.	4.6	89
67	Prioritizing Chemicals and Data Requirements for Screening-Level Exposure and Risk Assessment. <i>Environmental Health Perspectives</i> , 2012, 120, 1565-1570.	2.8	87
68	Sorption of Nonpolar Organic Vapors by Ice and Snow. <i>Environmental Science & Technology</i> , 1995, 29, 1982-1989.	4.6	86
69	Empirical and Modeling Evidence of the Long-Range Atmospheric Transport of Decabromodiphenyl Ether. <i>Environmental Science & Technology</i> , 2006, 40, 4612-4618.	4.6	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.	1.9	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.	3.2	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.	4.6	81

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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.	3.7	81
74	Transport of polycyclic aromatic hydrocarbons and pesticides during snowmelt within an urban watershed. <i>Water Research</i> , 2011, 45, 1147-1156.	5.3	81
75	Modelling the fate of non-polar organic chemicals in an ageing snow pack. <i>Chemosphere</i> , 1997, 35, 2345-2363.	4.2	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.	2.2	78
77	Organic Contaminant Release from Melting Snow. 1. Influence of Chemical Partitioning. <i>Environmental Science & Technology</i> , 2009, 43, 657-662.	4.6	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.	4.6	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.	2.8	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.	2.7	71
81	Polycyclic aromatic hydrocarbons in Costa Rican air and soil: A tropical/temperate comparison. <i>Atmospheric Environment</i> , 2007, 41, 7339-7350.	1.9	70
82	Regressing Gas/Particle Partitioning Data for Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 2006, 40, 3558-3564.	4.6	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.	1.0	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.	4.6	68
85	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
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.	1.0	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.	4.6	62
89	Evidence of Latitudinal Fractionation of Polychlorinated Biphenyl Congeners along the Baltic Sea Region. <i>Environmental Science & Technology</i> , 1999, 33, 1149-1156.	4.6	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.	1.9	60

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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.	4.2	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.	4.6	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.	4.6	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.	2.8	59
95	Air synthesis review: polycyclic aromatic compounds in the oil sands region. <i>Environmental Reviews</i> , 2018, 26, 430-468.	2.1	58
96	Measuring and Modeling the Salting-out Effect in Ammonium Sulfate Solutions. <i>Environmental Science & Technology</i> , 2014, 48, 13238-13245.	4.6	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.	4.6	56
98	Measuring the Release of Organic Contaminants from Melting Snow under Controlled Conditions. <i>Environmental Science & Technology</i> , 2006, 40, 3320-3326.	4.6	54
99	A High-Precision Passive Air Sampler for Gaseous Mercury. <i>Environmental Science and Technology Letters</i> , 2016, 3, 24-29.	3.9	54
100	Persistent organic pollutants and mercury in the Himalaya. <i>Aquatic Ecosystem Health and Management</i> , 2005, 8, 223-233.	0.3	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.	4.6	53
102	Estimating Screening-Level Organic Chemical Half-Lives in Humans. <i>Environmental Science & Technology</i> , 2014, 48, 723-730.	4.6	52
103	Measurement of the Specific Surface Area of Snow with the Nitrogen Adsorption Technique. <i>Environmental Science & Technology</i> , 1998, 32, 58-62.	4.6	51
104	Does the Forest Filter Effect Prevent Semivolatile Organic Compounds from Reaching the Arctic?. <i>Environmental Science & Technology</i> , 2005, 39, 7185-7193.	4.6	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.	2.2	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.	4.8	51
107	Passive air sampling for semi-volatile organic chemicals. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1925-2002.	1.7	51
108	Altitudinal Transect of Atmospheric and Aqueous Fluorinated Organic Compounds in Western Canada. <i>Environmental Science & Technology</i> , 2008, 42, 2374-2379.	4.6	50

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109	Combining Long-Range Transport and Bioaccumulation Considerations to Identify Potential Arctic Contaminants. <i>Environmental Science & Technology</i> , 2008, 42, 3704-3709.	4.6	49
110	How are Humans Exposed to Organic Chemicals Released to Indoor Air?. <i>Environmental Science & Technology</i> , 2019, 53, 11276-11284.	4.6	49
111	Modelling the global distribution of toxaphene: A discussion of feasibility and desirability. <i>Chemosphere</i> , 1993, 27, 2079-2094.	4.2	48
112	Temperature-Dependent Vapor Pressure of Selected Cyclic and Linear Polydimethylsiloxane Oligomers. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 5868-5873.	1.0	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.	4.8	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.	1.0	46
115	Neutral polyfluoroalkyl substances in the global Atmosphere. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 404-413.	1.7	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.	1.0	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.	4.6	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.	4.6	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.	4.6	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.	2.7	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.	4.6	44
122	Polychlorinated Biphenyls in the Atmosphere of Southern Norway. <i>Environmental Science & Technology</i> , 1999, 33, 2340-2345.	4.6	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.	1.0	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.	1.9	43
125	Deposition of Brominated Flame Retardants to the Devon Ice Cap, Nunavut, Canada. <i>Environmental Science & Technology</i> , 2012, 46, 826-833.	4.6	43
126	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

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127	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
128	Passive air sampling of gaseous elemental mercury: a critical review. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3061-3076.	1.9	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.	1.9	40
131	Modeling Exposure to Persistent Chemicals in Hazard and Risk Assessment. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 662.	1.6	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.	4.6	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.	4.6	40
134	Changes in Surface Area and Concentrations of Semivolatile Organic Contaminants in Aging Snow. <i>Environmental Science & Technology</i> , 2007, 41, 4932-4937.	4.6	39
135	Fate of Pesticides in the Arid Subtropics, Botswana, Southern Africa. <i>Environmental Science & Technology</i> , 2010, 44, 8082-8088.	4.6	39
136	Assessment of chemical screening outcomes based on different partitioning property estimation methods. <i>Environment International</i> , 2010, 36, 514-520.	4.8	39
137	Spatial variability of atmospheric semivolatile organic compounds in Chile. <i>Atmospheric Environment</i> , 2011, 45, 303-309.	1.9	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.	1.6	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.	4.8	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.	4.6	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.	4.6	37
143	Expanding the Applicability of Multimedia Fate Models to Polar Organic Chemicals. <i>Environmental Science & Technology</i> , 2003, 37, 4934-4943.	4.6	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.	4.6	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.	1.2	36
146	Illustrating Sensitivity and Uncertainty in Environmental Fate Models Using Partitioning Maps. <i>Environmental Science & Technology</i> , 2005, 39, 3186-3196.	4.6	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.	2.2	35
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