

Tom Harner

List of Publications by Year in descending order

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162
papers

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14655

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164
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164
times ranked

6394
citing authors

#	ARTICLE	IF	CITATIONS
1	Is House Dust the Missing Exposure Pathway for PBDEs? An Analysis of the Urban Fate and Human Exposure to PBDEs. <i>Environmental Science & Technology</i> , 2005, 39, 5121-5130.	10.0	583
2	Characterization and Comparison of Three Passive Air Samplers for Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 2002, 36, 4142-4151.	10.0	582
3	Octanol [*] Air Partition Coefficient for Describing Particle/Gas Partitioning of Aromatic Compounds in Urban Air. <i>Environmental Science & Technology</i> , 1998, 32, 1494-1502.	10.0	524
4	Passive Air Sampling of PCBs, PBDEs, and Organochlorine Pesticides Across Europe. <i>Environmental Science & Technology</i> , 2004, 38, 34-41.	10.0	497
5	Octanol-air partition coefficient as a predictor of partitioning of semi-volatile organic chemicals to aerosols. <i>Atmospheric Environment</i> , 1997, 31, 2289-2296.	4.1	484
6	Toward a Global Network for Persistent Organic Pollutants in Air: Results from the GAPS Study. <i>Environmental Science & Technology</i> , 2006, 40, 4867-4873.	10.0	386
7	Using Passive Air Samplers To Assess Urban [*] Rural Trends for Persistent Organic Pollutants. 1. Polychlorinated Biphenyls and Organochlorine Pesticides. <i>Environmental Science & Technology</i> , 2004, 38, 4474-4483.	10.0	368
8	Enantiomer Fractions Are Preferred to Enantiomer Ratios for Describing Chiral Signatures in Environmental Analysis. <i>Environmental Science & Technology</i> , 2000, 34, 218-220.	10.0	347
9	Polybrominated Diphenyl Ethers in Indoor Dust in Ottawa, Canada: Implications for Sources and Exposure. <i>Environmental Science & Technology</i> , 2005, 39, 7027-7035.	10.0	345
10	Indoor and Outdoor Air Concentrations and Phase Partitioning of Perfluoroalkyl Sulfonamides and Polybrominated Diphenyl Ethers. <i>Environmental Science & Technology</i> , 2004, 38, 1313-1320.	10.0	302
11	Passive Sampling Survey of Polybrominated Diphenyl Ether Flame Retardants in Indoor and Outdoor Air in Ottawa, Canada: Implications for Sources and Exposure. <i>Environmental Science & Technology</i> , 2004, 38, 5312-5318.	10.0	288
12	Perfluorinated Sulfonamides in Indoor and Outdoor Air and Indoor Dust: Occurrence, Partitioning, and Human Exposure. <i>Environmental Science & Technology</i> , 2005, 39, 6599-6606.	10.0	278
13	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.	10.0	277
14	Passive-Sampler Derived Air Concentrations of Persistent Organic Pollutants on a North [*] South Transect in Chile. <i>Environmental Science & Technology</i> , 2004, 38, 6529-6537.	10.0	241
15	Measurements of Octanol [*] Air Partition Coefficients for Polychlorinated Biphenyls. <i>Journal of Chemical & Engineering Data</i> , 1996, 41, 895-899.	1.9	232
16	Using Passive Air Samplers To Assess Urban [*] Rural Trends for Persistent Organic Pollutants and Polycyclic Aromatic Hydrocarbons. 2. Seasonal Trends for PAHs, PCBs, and Organochlorine Pesticides. <i>Environmental Science & Technology</i> , 2005, 39, 5763-5773.	10.0	228
17	Measurements of Octanol [*] Air Partition Coefficients (KOA) for Polybrominated Diphenyl Ethers (PBDEs): Predicting Partitioning in the Environment. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 228-232.	1.9	226
18	Polychlorinated Biphenyls in Global Air and Surface Soil: Distributions, Air [*] Soil Exchange, and Fractionation Effect. <i>Environmental Science & Technology</i> , 2010, 44, 2784-2790.	10.0	203

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19	Wastewater Treatment Plant and Landfills as Sources of Polyfluoroalkyl Compounds to the Atmosphere. <i>Environmental Science & Technology</i> , 2011, 45, 8098-8105.	10.0	202
20	Peer Reviewed: Analytical Challenges Hamper Perfluoroalkyl Research. <i>Environmental Science & Technology</i> , 2004, 38, 248A-255A.	10.0	201
21	Measurement of Octanol-Air Partition Coefficients for Polycyclic Aromatic Hydrocarbons and Polychlorinated Naphthalenes. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 40-46.	1.9	200
22	Indoor Sources of Poly- and Perfluorinated Compounds (PFCS) in Vancouver, Canada: Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2011, 45, 7999-8005.	10.0	196
23	Global Distribution of Linear and Cyclic Volatile Methyl Siloxanes in Air. <i>Environmental Science & Technology</i> , 2011, 45, 3349-3354.	10.0	191
24	Measurement of Octanol-Air Partition Coefficients for Chlorobenzenes, PCBs, and DDT. <i>Environmental Science & Technology</i> , 1995, 29, 1599-1606.	10.0	190
25	Using measured octanol-air partition coefficients to explain environmental partitioning of organochlorine pesticides. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 984-990.	4.3	182
26	A Comparative Study of the Gas-Particle Partitioning of PCDD/Fs, PCBs, and PAHs. <i>Environmental Science & Technology</i> , 2000, 34, 4943-4951.	10.0	177
27	Assessing the Influence of Meteorological Parameters on the Performance of Polyurethane Foam-Based Passive Air Samplers. <i>Environmental Science & Technology</i> , 2008, 42, 550-555.	10.0	175
28	Levels and Isomer Profiles of Dieldrin in Chinese Air. <i>Environmental Science & Technology</i> , 2008, 42, 6476-6480.	10.0	163
29	Isomer Profiles of Perfluorochemicals in Matched Maternal, Cord, and House Dust Samples: Manufacturing Sources and Transplacental Transfer. <i>Environmental Health Perspectives</i> , 2011, 119, 1659-1664.	6.0	161
30	Polyurethane foam (PUF) disks passive air samplers: Wind effect on sampling rates. <i>Environmental Pollution</i> , 2006, 144, 377-383.	7.5	160
31	Global pilot study for persistent organic pollutants (POPs) using PUF disk passive air samplers. <i>Environmental Pollution</i> , 2006, 144, 445-452.	7.5	151
32	Calibration and application of PUF disk passive air samplers for tracking polycyclic aromatic compounds (PACs). <i>Atmospheric Environment</i> , 2013, 75, 123-128.	4.1	143
33	Model of the Long-Term Exchange of PCBs between Soil and the Atmosphere in the Southern U.K.. <i>Environmental Science & Technology</i> , 1995, 29, 1200-1209.	10.0	134
34	Characterization of Polymer-Coated Glass as a Passive Air Sampler for Persistent Organic Pollutants. <i>Environmental Science & Technology</i> , 2003, 37, 2486-2493.	10.0	131
35	Measurements of Octanol-Air Partition Coefficients for PCDD/Fs: A Tool in Assessing Air-Soil Equilibrium Status. <i>Environmental Science & Technology</i> , 2000, 34, 3109-3114.	10.0	128
36	Removal of α - and β -Hexachlorocyclohexane and Enantiomers of α -Hexachlorocyclohexane in the Eastern Arctic Ocean. <i>Environmental Science & Technology</i> , 1999, 33, 1157-1164.	10.0	126

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37	Toxaphene, Chlordane, and Other Organochlorine Pesticides in Alabama Air. <i>Environmental Science & Technology</i> , 2000, 34, 5097-5105.	10.0	124
38	Sorbent-Impregnated Polyurethane Foam Disk for Passive Air Sampling of Volatile Fluorinated Chemicals. <i>Analytical Chemistry</i> , 2008, 80, 675-682.	6.5	119
39	Bisphenol A and its analogues in outdoor and indoor air: Properties, sources and global levels. <i>Science of the Total Environment</i> , 2021, 789, 148013.	8.0	117
40	The Partition Behavior of Fluorotelomer Alcohols and Olefins. <i>Environmental Science & Technology</i> , 2006, 40, 3572-3577.	10.0	112
41	Polychlorinated Naphthalenes in U.K. Soils: Time Trends, Markers of Source, and Equilibrium Status. <i>Environmental Science & Technology</i> , 2001, 35, 4205-4213.	10.0	108
42	Analysis of Polychlorinated Biphenyls in Concurrently Sampled Chinese Air and Surface Soil. <i>Environmental Science & Technology</i> , 2008, 42, 6514-6518.	10.0	108
43	Spatial and temporal pattern of pesticides in the global atmosphere. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1650.	2.1	106
44	Passive sampler derived air concentrations of PBDEs along an urban-rural transect: Spatial and temporal trends. <i>Chemosphere</i> , 2006, 64, 262-267.	8.2	105
45	Field calibration of polyurethane foam (PUF) disk passive air samplers for PCBs and OC pesticides. <i>Environmental Pollution</i> , 2008, 156, 1290-1297.	7.5	105
46	Improved Characterization of Gas-Particle Partitioning for Per- and Polyfluoroalkyl Substances in the Atmosphere Using Annular Diffusion Denuder Samplers. <i>Environmental Science & Technology</i> , 2012, 46, 7199-7206.	10.0	105
47	Global Atmospheric Concentrations of Brominated and Chlorinated Flame Retardants and Organophosphate Esters. <i>Environmental Science & Technology</i> , 2018, 52, 2777-2789.	10.0	104
48	Concentrations in air of organobromine, organochlorine and organophosphate flame retardants in Toronto, Canada. <i>Atmospheric Environment</i> , 2014, 99, 140-147.	4.1	102
49	Heterogeneous OH Initiated Oxidation: A Possible Explanation for the Persistence of Organophosphate Flame Retardants in Air. <i>Environmental Science & Technology</i> , 2014, 48, 1041-1048.	10.0	102
50	Impacts of Lindane Usage in the Canadian Prairies on the Great Lakes Ecosystem. 1. Coupled Atmospheric Transport Model and Modeled Concentrations in Air and Soil. <i>Environmental Science & Technology</i> , 2003, 37, 3774-3781.	10.0	101
51	Polychlorinated Naphthalenes in the Global Atmospheric Passive Sampling (GAPS) Study. <i>Environmental Science & Technology</i> , 2007, 41, 2680-2687.	10.0	97
52	Evaluation of the particle infiltration efficiency of three passive samplers and the PS-1 active air sampler. <i>Atmospheric Environment</i> , 2015, 112, 289-293.	4.1	95
53	Polychlorinated Naphthalenes and Coplanar Polychlorinated Biphenyls in Arctic Air. <i>Environmental Science & Technology</i> , 1998, 32, 3257-3265.	10.0	94
54	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

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55	Pesticides in the Atmosphere Across Canadian Agricultural Regions. <i>Environmental Science & Technology</i> , 2008, 42, 5931-5937.	10.0	89
56	Survey of persistent organic pollutants (POPs) and polycyclic aromatic hydrocarbons (PAHs) in the atmosphere of rural, urban and industrial areas of Concepci3n, Chile, using passive air samplers. <i>Atmospheric Pollution Research</i> , 2012, 3, 426-434.	3.8	84
57	Uncovering global-scale risks from commercial chemicals in air. <i>Nature</i> , 2021, 600, 456-461.	27.8	83
58	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
59	Global Pilot Study of Legacy and Emerging Persistent Organic Pollutants using Sorbent-Impregnated Polyurethane Foam Disk Passive Air Samplers. <i>Environmental Science & Technology</i> , 2010, 44, 5534-5539.	10.0	81
60	Altitudinal and Seasonal Variations of Persistent Organic Pollutants in the Bolivian Andes Mountains. <i>Environmental Science & Technology</i> , 2008, 42, 2528-2534.	10.0	77
61	Short-Term Temperature-Dependent Air-Surface Exchange and Atmospheric Concentrations of Polychlorinated Naphthalenes and Organochlorine Pesticides. <i>Environmental Science & Technology</i> , 2000, 34, 393-398.	10.0	76
62	Determination of polybrominated diphenyl ethers in indoor dust standard reference materials. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 791-800.	3.7	76
63	Use of Depuration Compounds in Passive Air Samplers: Results from Active Sampling-Supported Field Deployment, Potential Uses, and Recommendations. <i>Environmental Science & Technology</i> , 2009, 43, 3227-3232.	10.0	76
64	First Results from the Oil Sands Passive Air Monitoring Network for Polycyclic Aromatic Compounds. <i>Environmental Science & Technology</i> , 2015, 49, 2991-2998.	10.0	74
65	Atmospheric concentrations and trends of poly- and perfluoroalkyl substances (PFAS) and volatile methyl siloxanes (VMS) over 7 years of sampling in the Global Atmospheric Passive Sampling (GAPS) network. <i>Environmental Pollution</i> , 2018, 238, 94-102.	7.5	74
66	Characterization of Two Passive Air Samplers for Per- and Polyfluoroalkyl Substances. <i>Environmental Science & Technology</i> , 2013, 47, 14024-14033.	10.0	71
67	Regressing Gas/Particle Partitioning Data for Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 2006, 40, 3558-3564.	10.0	69
68	Heterocyclic Aromatics in Petroleum Coke, Snow, Lake Sediments, and Air Samples from the Athabasca Oil Sands Region. <i>Environmental Science & Technology</i> , 2017, 51, 5445-5453.	10.0	67
69	Perfluoroalkyl acids in the Canadian environment: Multi-media assessment of current status and trends. <i>Environment International</i> , 2013, 59, 183-200.	10.0	65
70	Sedimentary Record of Polychlorinated Naphthalene Concentrations and Deposition Fluxes in a Dated Lake Core. <i>Environmental Science & Technology</i> , 2000, 34, 33-38.	10.0	64
71	Hexachlorocyclohexanes and Endosulfans in Urban, Rural, and High Altitude Air Samples in the Fraser Valley, British Columbia: Evidence for Trans-Pacific Transport. <i>Environmental Science & Technology</i> , 2005, 39, 724-731.	10.0	62
72	Assessing Polycyclic Aromatic Hydrocarbons (PAHs) using passive air sampling in the atmosphere of one of the most wood-smoke-polluted cities in Chile: The case study of Temuco. <i>Chemosphere</i> , 2015, 134, 475-481.	8.2	62

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73	Using PUF disk passive samplers to simultaneously measure air concentrations of persistent organic pollutants (POPs) across the Tuscany Region, Italy. <i>Atmospheric Pollution Research</i> , 2012, 3, 88-94.	3.8	60
74	Air synthesis review: polycyclic aromatic compounds in the oil sands region. <i>Environmental Reviews</i> , 2018, 26, 430-468.	4.5	58
75	Persistent Organic Pollutants (POPs) in the atmosphere of agricultural and urban areas in the Province of Buenos Aires in Argentina using PUF disk passive air samplers. <i>Atmospheric Pollution Research</i> , 2014, 5, 170-178.	3.8	57
76	Calibration and evaluation of PUF-PAS sampling rates across the Global Atmospheric Passive Sampling (GAPS) network. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 210-219.	3.5	56
77	Temporal Variations of Cyclic and Linear Volatile Methylsiloxanes in the Atmosphere Using Passive Samplers and High-Volume Air Samplers. <i>Environmental Science & Technology</i> , 2014, 48, 9374-9381.	10.0	55
78	Polychlorinated Naphthalenes in the Atmosphere of the United Kingdom. <i>Environmental Science & Technology</i> , 2000, 34, 3137-3142.	10.0	53
79	Emission of poly and perfluoroalkyl substances, UV-filters and siloxanes to air from wastewater treatment plants. <i>Environmental Pollution</i> , 2016, 218, 595-604.	7.5	53
80	Flame retardants in urban air: A case study in Toronto targeting distinct source sectors. <i>Environmental Pollution</i> , 2019, 247, 89-97.	7.5	51
81	Identification and Determination of Hexachlorocyclopentadienyl- Dibromocyclooctane (HCDBCO) in Residential Indoor Air and Dust: A Previously Unreported Halogenated Flame Retardant in the Environment. <i>Environmental Science & Technology</i> , 2008, 42, 386-391.	10.0	50
82	Seasonal and altitudinal variations of legacy and current-use pesticides in the Brazilian tropical and subtropical mountains. <i>Atmospheric Environment</i> , 2012, 59, 108-116.	4.1	48
83	Polychlorinated Naphthalenes in Great Lakes Air: Assessing Spatial Trends and Combustion Inputs Using PUF Disk Passive Air Samplers. <i>Environmental Science & Technology</i> , 2006, 40, 5333-5339.	10.0	46
84	Detoxification, endocrine, and immune responses of tree swallow nestlings naturally exposed to air contaminants from the Alberta oil sands. <i>Science of the Total Environment</i> , 2015, 502, 8-15.	8.0	46
85	Persistent Organic Pollutants (POPs) in the atmosphere of three Chilean cities using passive air samplers. <i>Science of the Total Environment</i> , 2017, 586, 107-114.	8.0	46
86	Assessing Polychlorinated Dibenzo- <i>p</i> -dioxins and Polychlorinated Dibenzofurans in Air across Latin American Countries Using Polyurethane Foam Disk Passive Air Samplers. <i>Environmental Science & Technology</i> , 2015, 49, 3680-3686.	10.0	45
87	Temperature dependence of Henry's law constants and KOA for simple and heteroatom-substituted PAHs by COSMO-RS. <i>Atmospheric Environment</i> , 2015, 110, 27-35.	4.1	45
88	The influence of chemical composition, aerosol acidity, and metal dissolution on the oxidative potential of fine particulate matter and redox potential of the lung lining fluid. <i>Environment International</i> , 2021, 148, 106343.	10.0	43
89	Comparison of Annular Diffusion Denuder and High Volume Air Samplers for Measuring Per- and Polyfluoroalkyl Substances in the Atmosphere. <i>Analytical Chemistry</i> , 2011, 83, 9622-9628.	6.5	42
90	Retrospective analysis of flame retardants in the global atmosphere under the GAPS Network. <i>Environmental Pollution</i> , 2016, 217, 62-69.	7.5	42

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91	Air monitoring of new and legacy POPs in the Group of Latin America and Caribbean (GRULAC) region. <i>Environmental Pollution</i> , 2018, 243, 1252-1262.	7.5	42
92	Polycyclic aromatic compounds in urban air and associated inhalation cancer risks: A case study targeting distinct source sectors. <i>Environmental Pollution</i> , 2019, 252, 1882-1891.	7.5	41
93	PAH Measurements in Air in the Athabasca Oil Sands Region. <i>Environmental Science & Technology</i> , 2015, 49, 5584-5592.	10.0	40
94	Atmospheric Concentrations of New Persistent Organic Pollutants and Emerging Chemicals of Concern in the Group of Latin America and Caribbean (GRULAC) Region. <i>Environmental Science & Technology</i> , 2018, 52, 7240-7249.	10.0	40
95	Assessing levels of POPs in air over the South Atlantic Ocean off the coast of South America. <i>Science of the Total Environment</i> , 2016, 571, 172-177.	8.0	39
96	Elevated exposure, uptake and accumulation of polycyclic aromatic hydrocarbons by nestling tree swallows (<i>Tachycineta bicolor</i>) through multiple exposure routes in active mining-related areas of the Athabasca oil sands region. <i>Science of the Total Environment</i> , 2018, 624, 250-261.	8.0	39
97	GAPS-megacities: A new global platform for investigating persistent organic pollutants and chemicals of emerging concern in urban air. <i>Environmental Pollution</i> , 2020, 267, 115416.	7.5	39
98	Mapping Indicators of Toxicity for Polycyclic Aromatic Compounds in the Atmosphere of the Athabasca Oil Sands Region. <i>Environmental Science & Technology</i> , 2016, 50, 11282-11291.	10.0	38
99	Measurement of polyurethane foam " air partition coefficients for semivolatile organic compounds as a function of temperature: Application to passive air sampler monitoring. <i>Chemosphere</i> , 2017, 174, 638-642.	8.2	38
100	Airborne Precursors Predict Maternal Serum Perfluoroalkyl Acid Concentrations. <i>Environmental Science & Technology</i> , 2017, 51, 7667-7675.	10.0	38
101	Characterization of polyurethane foam (PUF) and sorbent impregnated PUF (SIP) disk passive air samplers for measuring organophosphate flame retardants. <i>Chemosphere</i> , 2017, 167, 212-219.	8.2	38
102	Sources and Occurrence of Dacthal in the Canadian Atmosphere. <i>Environmental Science & Technology</i> , 2007, 41, 688-694.	10.0	37
103	Application of Sorbent Impregnated Polyurethane Foam (SIP) Disk Passive Air Samplers for Investigating Organochlorine Pesticides and Polybrominated Diphenyl Ethers at the Global Scale. <i>Environmental Science & Technology</i> , 2012, 46, 391-396.	10.0	37
104	Trophic magnification of legacy persistent organic pollutants in an urban terrestrial food web. <i>Science of the Total Environment</i> , 2020, 714, 136746.	8.0	37
105	Microbial degradation is a key elimination pathway of hexachlorocyclohexanes from the Arctic Ocean. <i>Geophysical Research Letters</i> , 2000, 27, 1155-1158.	4.0	36
106	Dry deposition of polycyclic aromatic compounds to various land covers in the Athabasca oil sands region. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 1339-1350.	3.8	36
107	A Flow-Through Sampler for Semivolatile Organic Compounds in Air. <i>Environmental Science & Technology</i> , 2007, 41, 250-256.	10.0	35
108	Tracking POPs in Global Air from the First 10 Years of the GAPS Network (2005 to 2014). <i>Environmental Science & Technology</i> , 2021, 55, 9479-9488.	10.0	34

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109	A Prototype Passive Air Sampler for Measuring Dry Deposition of Polycyclic Aromatic Hydrocarbons. <i>Environmental Science and Technology Letters</i> , 2014, 1, 77-81.	8.7	33
110	Temporal and Spatial Trends of Polycyclic Aromatic Compounds in Air across the Athabasca Oil Sands Region Reflect Inputs from Open Pit Mining and Forest Fires. <i>Environmental Science and Technology Letters</i> , 2019, 6, 178-183.	8.7	33
111	Air concentrations and transport of persistent organic pollutants (POPs) in mountains of southeast and southern Brazil. <i>Atmospheric Pollution Research</i> , 2012, 3, 417-425.	3.8	32
112	Comparison of polycyclic aromatic compounds in air measured by conventional passive air samplers and passive dry deposition samplers and contributions from petcoke and oil sands ore. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 9161-9171.	4.9	32
113	Field calibration of polyurethane foam disk passive air samplers for PBDEs. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1859.	2.1	30
114	Deposition Mapping of Polycyclic Aromatic Compounds in the Oil Sands Region of Alberta, Canada and Linkages to Ecosystem Impacts. <i>Environmental Science & Technology</i> , 2018, 52, 12456-12464.	10.0	30
115	Impacts of Lindane Usage in the Canadian Prairies on the Great Lakes Ecosystem. 2. Modeled Fluxes and Loadings to the Great Lakes. <i>Environmental Science & Technology</i> , 2004, 38, 984-990.	10.0	29
116	Chiral Pesticides in Soil and Water and Exchange with the Atmosphere. <i>Scientific World Journal</i> , The, 2002, 2, 357-373.	2.1	27
117	Towards a regional passive air sampling network and strategy for new POPs in the GRULAC region: Perspectives from the CAPS Network and first results for organophosphorus flame retardants. <i>Science of the Total Environment</i> , 2016, 573, 1294-1302.	8.0	27
118	Deposition and Source Identification of Nitrogen Heterocyclic Polycyclic Aromatic Compounds in Snow, Sediment, and Air Samples from the Athabasca Oil Sands Region. <i>Environmental Science & Technology</i> , 2019, 53, 2981-2989.	10.0	27
119	Quantitative relationships between molecular structures, environmental temperatures and octanol-air partition coefficients of PCDD/Fs. <i>Science of the Total Environment</i> , 2002, 300, 155-166.	8.0	26
120	Vertical and Temporal Distribution of Persistent Organic Pollutants in Toronto. 1. Organochlorine Pesticides. <i>Environmental Science & Technology</i> , 2007, 41, 2172-2177.	10.0	26
121	Sorbent impregnated polyurethane foam disk passive air samplers for investigating current-use pesticides at the global scale. <i>Atmospheric Pollution Research</i> , 2012, 3, 456-462.	3.8	26
122	Characterizing PUF disk passive air samplers for alkyl-substituted PAHs: Measured and modelled PUF-AIR partition coefficients with COSMO-RS. <i>Chemosphere</i> , 2016, 145, 360-364.	8.2	26
123	Emissions databases for polycyclic aromatic compounds in the Canadian Athabasca oil sands region - development using current knowledge and evaluation with passive sampling and air dispersion modelling data. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3457-3467.	4.9	26
124	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
125	Experimental Study of OH-Initiated Heterogeneous Oxidation of Organophosphate Flame Retardants: Kinetics, Mechanism, and Toxicity. <i>Environmental Science & Technology</i> , 2019, 53, 14398-14408.	10.0	25
126	Enhancing Scientific Support for the Stockholm Convention's Implementation: An Analysis of Policy Needs for Scientific Evidence. <i>Environmental Science & Technology</i> , 2022, 56, 2936-2949.	10.0	25

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127	Quantitative relationships between molecular structures, environmental temperatures and octanol-air partition coefficients of polychlorinated biphenyls. <i>Computational Biology and Chemistry</i> , 2003, 27, 405-421.	2.3	24
128	Junge relationships in measurement data for cyclic siloxanes in air. <i>Chemosphere</i> , 2013, 93, 830-834.	8.2	24
129	Direct measurements of polyurethane foam (PUF) air partitioning coefficients for chemicals of emerging concern capable of equilibrating in PUF disk samplers. <i>Chemosphere</i> , 2019, 234, 925-930.	8.2	23
130	Field Testing a Flow-Through Sampler for Semivolatile Organic Compounds in Air. <i>Environmental Science & Technology</i> , 2008, 42, 2970-2975.	10.0	21
131	Occurrence and Gas-Particle Partitioning of Organic UV-Filters in Urban Air. <i>Environmental Science & Technology</i> , 2020, 54, 12881-12889.	10.0	21
132	A preliminary investigation into the use of Red Pine (<i>Pinus Resinosa</i>) tree cores as historic passive samplers of POPs in outdoor air. <i>Atmospheric Environment</i> , 2016, 140, 514-518.	4.1	20
133	Passive air sampling and nontargeted analysis for screening POP-like chemicals in the atmosphere: Opportunities and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 132, 116052.	11.4	19
134	Assessment of sorbent impregnated PUF disks (SIPs) for long-term sampling of legacy POPs. <i>Journal of Environmental Monitoring</i> , 2012, 14, 71-78.	2.1	17
135	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
136	Medium- and long-chain chlorinated paraffins in air: A review of levels, physicochemical properties, and analytical considerations. <i>Science of the Total Environment</i> , 2022, 843, 157094.	8.0	16
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