

Terry F Bidleman

List of Publications by Year in descending order

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220
papers

16,582
citations

12597

71
h-index

20625

120
g-index

227
all docs

227
docs citations

227
times ranked

6397
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Atmospheric processes. <i>Environmental Science & Technology</i> , 1988, 22, 361-367. | 4.6 | 857 |
| 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 | Arctic contaminants: sources, occurrence and pathways. <i>Science of the Total Environment</i> , 1992, 122, 1-74. | 3.9 | 587 |
| 4 | Octanol [*] Air Partition Coefficient for Describing Particle/Gas Partitioning of Aromatic Compounds in Urban Air. <i>Environmental Science & Technology</i> , 1998, 32, 1494-1502. | 4.6 | 524 |
| 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. | 1.9 | 484 |
| 6 | Endosulfan, a global pesticide: A review of its fate in the environment and occurrence in the Arctic. <i>Science of the Total Environment</i> , 2010, 408, 2966-2984. | 3.9 | 409 |
| 7 | 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 |
| 8 | Polycyclic Aromatic Hydrocarbons and Polychlorinated Biphenyls in Air at an Urban and a Rural Site Near Lake Michigan. <i>Environmental Science & Technology</i> , 1995, 29, 2782-2789. | 4.6 | 288 |
| 9 | Atmospheric deposition of toxic chemicals to the Great Lakes: A review of data through 1994. <i>Atmospheric Environment</i> , 1996, 30, 3505-3527. | 1.9 | 288 |
| 10 | Determination of vapor pressures for nonpolar and semipolar organic compounds from gas chromatographic retention data. <i>Journal of Chemical & Engineering Data</i> , 1990, 35, 232-237. | 1.0 | 276 |
| 11 | Temporal and spatial variabilities of atmospheric polychlorinated biphenyls (PCBs), organochlorine (OC) pesticides and polycyclic aromatic hydrocarbons (PAHs) in the Canadian Arctic: Results from a decade of monitoring. <i>Science of the Total Environment</i> , 2005, 342, 119-144. | 3.9 | 259 |
| 12 | Interdependence of the slopes and intercepts from log-log correlations of measured gas-particle partitioning and vapor pressure [*] l. theory and analysis of available data. <i>Atmospheric Environment Part A General Topics</i> , 1992, 26, 1071-1080. | 1.3 | 233 |
| 13 | Measurements of Octanol [*] Air Partition Coefficients for Polychlorinated Biphenyls. <i>Journal of Chemical & Engineering Data</i> , 1996, 41, 895-899. | 1.0 | 232 |
| 14 | Vapor pressures and predicted particle/gas distributions of polychlorinated biphenyl congeners as functions of temperature and ortho-chlorine substitution. <i>Atmospheric Environment</i> , 1994, 28, 547-554. | 1.9 | 230 |
| 15 | Vapor-particle partitioning of semivolatile organic compounds: estimates from field collections. <i>Environmental Science & Technology</i> , 1986, 20, 1038-1043. | 4.6 | 225 |
| 16 | Chlorinated Hydrocarbons in the Sargasso Sea Atmosphere and Surface Water. <i>Science</i> , 1974, 183, 516-518. | 6.0 | 215 |
| 17 | Measurement of Octanol [*] Air Partition Coefficients for Polycyclic Aromatic Hydrocarbons and Polychlorinated Naphthalenes. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 40-46. | 1.0 | 200 |
| 18 | Soil [*] air exchange of organochlorine pesticides in the Southern United States. <i>Environmental Pollution</i> , 2004, 128, 49-57. | 3.7 | 189 |

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|----|---|-----|-----------|
| 19 | Chlordane Enantiomers and Temporal Trends of Chlordane Isomers in Arctic Air. <i>Environmental Science & Technology</i> , 2002, 36, 539-544. | 4.6 | 187 |
| 20 | Residues of organochlorine pesticides in Alabama soils. <i>Environmental Pollution</i> , 1999, 106, 323-332. | 3.7 | 186 |
| 21 | Soil-air exchange model of persistent pesticides in the United States cotton belt. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1612-1621. | 2.2 | 167 |
| 22 | Hexachlorocyclohexanes in the North American Atmosphere. <i>Environmental Science & Technology</i> , 2004, 38, 965-975. | 4.6 | 166 |
| 23 | SOIL-AIR EXCHANGE MODEL OF PERSISTENT PESTICIDES IN THE UNITED STATES COTTON BELT. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1612. | 2.2 | 150 |
| 24 | Estimation of vapor pressures for nonpolar organic compounds by capillary gas chromatography. <i>Analytical Chemistry</i> , 1984, 56, 2490-2496. | 3.2 | 142 |
| 25 | The transport of $\hat{1}^2$ -hexachlorocyclohexane to the western Arctic Ocean: a contrast to $\hat{1}^{\pm}$ -HCH. <i>Science of the Total Environment</i> , 2002, 291, 229-246. | 3.9 | 138 |
| 26 | Current Combustion-Related Sources Contribute to Polychlorinated Naphthalene and Dioxin-Like Polychlorinated Biphenyl Levels and Profiles in Air in Toronto, Canada. <i>Environmental Science & Technology</i> , 2003, 37, 1075-1082. | 4.6 | 132 |
| 27 | Isolation and identification of two major recalcitrant toxaphene congeners in aquatic biota. <i>Environmental Science & Technology</i> , 1992, 26, 1838-1840. | 4.6 | 131 |
| 28 | Effects of temperature, TSP and per cent non-exchangeable material in determining the gas-particle partitioning of organic compounds. <i>Atmospheric Environment Part A General Topics</i> , 1991, 25, 2241-2249. | 1.3 | 130 |
| 29 | The Enantioselective Bioaccumulation of Chiral Chlordane and $\hat{1}^{\pm}$ -HCH Contaminants in the Polar Bear Food Chain. <i>Environmental Science & Technology</i> , 2000, 34, 2668-2674. | 4.6 | 130 |
| 30 | Removal of $\hat{1}^{\pm}$ - and $\hat{1}^3$ -Hexachlorocyclohexane and Enantiomers of $\hat{1}^{\pm}$ -Hexachlorocyclohexane in the Eastern Arctic Ocean. <i>Environmental Science & Technology</i> , 1999, 33, 1157-1164. | 4.6 | 126 |
| 31 | Polychlorinated naphthalenes in polar environments - A review. <i>Science of the Total Environment</i> , 2010, 408, 2919-2935. | 3.9 | 126 |
| 32 | Reversal of the Air-Water Gas Exchange Direction of Hexachlorocyclohexanes in the Bering and Chukchi Seas: 1993 versus 1988. <i>Environmental Science & Technology</i> , 1995, 29, 1081-1089. | 4.6 | 124 |
| 33 | Toxaphene, Chlordane, and Other Organochlorine Pesticides in Alabama Air. <i>Environmental Science & Technology</i> , 2000, 34, 5097-5105. | 4.6 | 124 |
| 34 | Collection of airborne polycyclic aromatic hydrocarbons and other organics with a glass fiber filter-polyurethane foam system. <i>Atmospheric Environment</i> , 1984, 18, 837-845. | 1.1 | 123 |
| 35 | Global hexachlorocyclohexane use trends and their impact on the Arctic atmospheric environment. <i>Geophysical Research Letters</i> , 1998, 25, 39-41. | 1.5 | 123 |
| 36 | Determination of Henry's law constants for hexachlorocyclohexanes in distilled water and artificial seawater as a function of temperature. <i>Marine Chemistry</i> , 1991, 34, 197-209. | 0.9 | 121 |

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|----|---|-----|-----------|
| 37 | Chiral Organochlorine Pesticide Signatures in Global Background Soils. <i>Environmental Science & Technology</i> , 2005, 39, 8671-8677. | 4.6 | 117 |
| 38 | Global chemical fate of $\hat{\pm}$ -hexachlorocyclohexane. 1. Evaluation of a global distribution model. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1390-1399. | 2.2 | 114 |
| 39 | Air-water gas exchange of hexachlorocyclohexanes (HCHs) and the enantiomers of $\hat{\pm}$ -HCH in Arctic regions. <i>Journal of Geophysical Research</i> , 1996, 101, 28837-28846. | 3.3 | 112 |
| 40 | Organochlorine pesticides and polychlorinated biphenyls in the atmosphere of Southern Sweden. <i>Atmospheric Environment</i> , 1987, 21, 641-654. | 1.1 | 109 |
| 41 | Measurement of DDT Fluxes from a Historically Treated Agricultural Soil in Canada. <i>Environmental Science & Technology</i> , 2006, 40, 4578-4585. | 4.6 | 106 |
| 42 | Degradation of malathion, endosulfan, and fenvalerate in seawater and seawater/sediment microcosms. <i>Journal of Agricultural and Food Chemistry</i> , 1989, 37, 824-828. | 2.4 | 102 |
| 43 | Polychlorinated naphthalenes in urban air. <i>Atmospheric Environment</i> , 1997, 31, 4009-4016. | 1.9 | 100 |
| 44 | Semivolatile organic compounds in the ambient air of Denver, Colorado. <i>Atmospheric Environment Part A General Topics</i> , 1990, 24, 2405-2416. | 1.3 | 99 |
| 45 | Gas exchange of hexachlorocyclohexane in the Great Lakes. <i>Environmental Science & Technology</i> , 1993, 27, 1304-1311. | 4.6 | 99 |
| 46 | Decline of hexachlorocyclohexane in the Arctic atmosphere and reversal of air-sea gas exchange. <i>Geophysical Research Letters</i> , 1995, 22, 219-222. | 1.5 | 98 |
| 47 | A review of field experiments to determine air-water gas exchange of persistent organic pollutants. <i>Science of the Total Environment</i> , 1995, 159, 101-117. | 3.9 | 97 |
| 48 | Estimating the atmospheric deposition of organochlorine contaminants to the Arctic. <i>Chemosphere</i> , 1991, 22, 165-188. | 4.2 | 96 |
| 49 | Polycyclic aromatic and organochlorine compounds in the atmosphere of northern Ellesmere Island, Canada. <i>Journal of Geophysical Research</i> , 1991, 96, 10867-10877. | 3.3 | 94 |
| 50 | Polychlorinated Naphthalenes and Coplanar Polychlorinated Biphenyls in Arctic Air. <i>Environmental Science & Technology</i> , 1998, 32, 3257-3265. | 4.6 | 94 |
| 51 | Polycyclic aromatic hydrocarbons in storm runoff from urban and coastal South Carolina. <i>Science of the Total Environment</i> , 2000, 255, 1-9. | 3.9 | 92 |
| 52 | Soil as a Source of Atmospheric Heptachlor Epoxide. <i>Environmental Science & Technology</i> , 1998, 32, 1546-1548. | 4.6 | 91 |
| 53 | Airborne organochlorines in the Canadian High Arctic. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1989, 41B, 243-255. | 0.8 | 90 |
| 54 | Chiral Pesticides in Soils of the Fraser Valley, British Columbia. <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 1946-1951. | 2.4 | 90 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Organochlorine pesticides in the atmosphere of the Southern Ocean and Antarctica, Januaryâ€“March, 1990. <i>Marine Pollution Bulletin</i> , 1993, 26, 258-262. | 2.3 | 87 |
| 56 | Atmospheric Transport and Air-Surface Exchange of Pesticides. <i>Water, Air, and Soil Pollution</i> , 1999, 115, 115-166. | 1.1 | 87 |
| 57 | Analysis of pesticides in seawater after enrichment onto C8 bonded-phase cartridges. <i>Environmental Science & Technology</i> , 1989, 23, 995-1000. | 4.6 | 86 |
| 58 | Modern and historical fluxes of halogenated organic contaminants to a lake in the Canadian arctic, as determined from annually laminated sediment cores. <i>Science of the Total Environment</i> , 2005, 342, 223-243. | 3.9 | 86 |
| 59 | Field comparison of polyurethane foam and Tenax-GC resin for high-volume air sampling of chlorinated hydrocarbons. <i>Environmental Science & Technology</i> , 1980, 14, 679-683. | 4.6 | 85 |
| 60 | Laboratory investigations of the partitioning of organochlorine compounds between the gas phase and atmospheric aerosols on glass fiber filters. <i>Environmental Science & Technology</i> , 1992, 26, 469-478. | 4.6 | 85 |
| 61 | Seasonality in Exchange of Organochlorines between Arctic Air and Seawater. <i>Environmental Science & Technology</i> , 1997, 31, 3258-3266. | 4.6 | 85 |
| 62 | Organochlorines in the water and biota of Lake Baikal, Siberia. <i>Environmental Science & Technology</i> , 1994, 28, 31-37. | 4.6 | 84 |
| 63 | Organochlorine contaminants in narwhal (<i>Monodon monoceros</i>) from the Canadian Arctic. <i>Environmental Pollution</i> , 1992, 75, 307-316. | 3.7 | 83 |
| 64 | Airâ€“Water Gas Exchange of Organochlorine Compounds in Lake Baikal, Russia. <i>Environmental Science & Technology</i> , 1996, 30, 2975-2983. | 4.6 | 82 |
| 65 | Enantiomers of $\hat{1}\pm$ -Hexachlorocyclohexane as Tracers of Airâ€“Water Gas Exchange in Lake Ontario. <i>Environmental Science & Technology</i> , 1997, 31, 1940-1945. | 4.6 | 81 |
| 66 | Henry's law constants for $\hat{1}\pm$, $\hat{1}2$ -, and $\hat{1}3$ -hexachlorocyclohexanes (HCHs) as a function of temperature and revised estimates of gas exchange in Arctic regions. <i>Atmospheric Environment</i> , 2003, 37, 983-992. | 1.9 | 78 |
| 67 | Base hydrolysis of .alpha.- and .gamma.-hexachlorocyclohexanes. <i>Environmental Science & Technology</i> , 1993, 27, 1930-1933. | 4.6 | 77 |
| 68 | Enantioselective Breakdown of .alpha.-Hexachlorocyclohexane in a Small Arctic Lake and its Watershed. <i>Environmental Science & Technology</i> , 1995, 29, 1297-1302. | 4.6 | 75 |
| 69 | Emission of chiral pesticides from an agricultural soil in the Fraser Valley, British Columbia. <i>Chemosphere</i> , 1998, 36, 345-355. | 4.2 | 75 |
| 70 | Atmospheric organochlorine pollutants and airâ€“sea exchange of hexachlorocyclohexane in the Bering and Chukchi seas. <i>Journal of Geophysical Research</i> , 1991, 96, 7201-7213. | 3.3 | 74 |
| 71 | Aerial transport of pesticides over the Northern Indian Ocean and adjacent seas. <i>Atmospheric Environment</i> , 1982, 16, 1099-1107. | 1.1 | 73 |
| 72 | An experimental system for investigating vapor-particle partitioning of trace organic pollutants. <i>Environmental Science & Technology</i> , 1987, 21, 869-875. | 4.6 | 73 |

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|----|--|------|-----------|
| 73 | Air-Water Exchange of Anthropogenic and Natural Organohalogens on International Polar Year (IPY) Expeditions in the Canadian Arctic. <i>Environmental Science & Technology</i> , 2011, 45, 876-881. | 4.6 | 72 |
| 74 | Organochlorine pesticides in soils of Mexico and the potential for soil-air exchange. <i>Environmental Pollution</i> , 2010, 158, 749-755. | 3.7 | 71 |
| 75 | Peer Reviewed: Using Enantiomers To Trace Pesticide Emissions. <i>Environmental Science & Technology</i> , 1999, 33, 206A-209A. | 4.6 | 70 |
| 76 | Influence of volatility on the collection of polycyclic aromatic hydrocarbon PAH vapors with polyurethane foam. <i>Environmental Science & Technology</i> , 1984, 18, 330-333. | 4.6 | 69 |
| 77 | Organochlorine pesticides in the ambient air of Chiapas, Mexico. <i>Environmental Pollution</i> , 2006, 140, 483-491. | 3.7 | 68 |
| 78 | High volume collection of chlorinated hydrocarbons in urban air using three solid adsorbents. <i>Atmospheric Environment</i> , 1983, 17, 383-391. | 1.1 | 67 |
| 79 | Hexachlorocyclohexanes (HCHs) In the Canadian Archipelago. 2. Air-Water Gas Exchange of δ - and ϵ -HCH. <i>Environmental Science & Technology</i> , 2008, 42, 465-470. | 4.6 | 67 |
| 80 | Long range transport of toxaphene insecticide in the atmosphere of the western North Atlantic. <i>Nature</i> , 1975, 257, 475-477. | 13.7 | 66 |
| 81 | Enantiomer Ratios for Apportioning Two Sources Of Chiral Compounds. <i>Environmental Science & Technology</i> , 1999, 33, 2299-2301. | 4.6 | 66 |
| 82 | Vapor pressure estimates of individual polychlorinated biphenyls and commercial fluids using gas chromatographic retention data. <i>Journal of Chromatography A</i> , 1985, 330, 203-216. | 1.8 | 65 |
| 83 | Chiral pesticides as tracers of air-surface exchange. <i>Environmental Pollution</i> , 1998, 102, 43-49. | 3.7 | 65 |
| 84 | Organochlorine Pesticides in Ambient Air of Belize, Central America. <i>Environmental Science & Technology</i> , 2000, 34, 1953-1958. | 4.6 | 61 |
| 85 | Organochlorine pesticides in soils and air of southern Mexico: Chemical profiles and potential for soil emissions. <i>Atmospheric Environment</i> , 2008, 42, 7737-7745. | 1.9 | 61 |
| 86 | Air-water gas exchange and evidence for metabolism of hexachlorocyclohexanes in Resolute Bay, N.W.T.. <i>Science of the Total Environment</i> , 1995, 160-161, 65-74. | 3.9 | 60 |
| 87 | Atmospheric removal processes for high molecular weight organochlorines. <i>Journal of Geophysical Research</i> , 1979, 84, 7857-7862. | 3.3 | 59 |
| 88 | Preferential Sorption of Non- and Mono-ortho-polychlorinated Biphenyls to Urban Aerosols. <i>Environmental Science & Technology</i> , 1995, 29, 1666-1673. | 4.6 | 58 |
| 89 | Fate of Brominated Flame Retardants and Organochlorine Pesticides in Urban Soil: Volatility and Degradation. <i>Environmental Science & Technology</i> , 2012, 46, 2668-2674. | 4.6 | 58 |
| 90 | Seasonal and Spatial Variation of Polychlorinated Naphthalenes and Non-/Mono-Ortho-Substituted Polychlorinated Biphenyls in Arctic Air. <i>Environmental Science & Technology</i> , 2004, 38, 5514-5521. | 4.6 | 57 |

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|-----|--|-----|-----------|
| 91 | Toxaphene and other organochlorine compounds in air and water at Resolute Bay, N.W.T., Canada. <i>Science of the Total Environment</i> , 1995, 160-161, 55-63. | 3.9 | 56 |
| 92 | Seasonality and interspecies differences in particle/gas partitioning of PAHs observed by the Integrated Atmospheric Deposition Network (IADN). <i>Atmospheric Environment</i> , 2006, 40, 182-197. | 1.9 | 56 |
| 93 | Chiral persistent organic pollutants as tracers of atmospheric sources and fate: review and prospects for investigating climate change influences. <i>Atmospheric Pollution Research</i> , 2012, 3, 371-382. | 1.8 | 55 |
| 94 | Determination of polychlorinated biphenyl vapor pressures by capillary gas chromatography. <i>Journal of Chromatography A</i> , 1981, 210, 331-336. | 1.8 | 54 |
| 95 | Trends of chlordane and toxaphene in ambient air of Columbia, South Carolina. <i>Atmospheric Environment</i> , 1998, 32, 1849-1856. | 1.9 | 54 |
| 96 | Chiral analysis of organochlorine pesticides in Alabama soils. <i>Chemosphere</i> , 2001, 45, 843-848. | 4.2 | 54 |
| 97 | Determination of polychlorinated biphenyl vapor pressures by a semimicro gas saturation method. <i>Environmental Science & Technology</i> , 1981, 15, 1375-1378. | 4.6 | 53 |
| 98 | Enantioselective Gas Chromatography/Mass Spectrometry of Methylsulfonyl PCBs with Application to Arctic Marine Mammals. <i>Analytical Chemistry</i> , 1998, 70, 3845-3852. | 3.2 | 53 |
| 99 | Sampling airborne polychlorinated biphenyls with polyurethane foam - a chromatographic approach to determining retention efficiencies. <i>Analytical Chemistry</i> , 1979, 51, 1110-1113. | 3.2 | 51 |
| 100 | Polychlorinated naphthalenes and coplanar polychlorinated biphenyls in beluga whale (<i>Delphinapterus leucas</i>) and ringed seal (<i>Phoca hispida</i>) from the eastern Canadian Arctic. <i>Environmental Pollution</i> , 2002, 119, 69-78. | 3.7 | 47 |
| 101 | Organochlorine pesticides in residential soils and sediments within two main agricultural areas of northwest Mexico: Concentrations, enantiomer compositions and potential sources. <i>Chemosphere</i> , 2017, 173, 275-287. | 4.2 | 47 |
| 102 | Organic contaminants in Winyah bay, South Carolina I: Pesticides and polycyclic aromatic hydrocarbons in subsurface and microlayer waters. <i>Marine Environmental Research</i> , 1994, 37, 63-78. | 1.1 | 46 |
| 103 | Chiral signatures of chlordanes indicate changing sources to the atmosphere over the past 30 years. <i>Atmospheric Environment</i> , 2004, 38, 5963-5970. | 1.9 | 46 |
| 104 | Henry's law constants for hexachlorobenzene, p,p'-DDE and components of technical chlordane and estimates of gas exchange for Lake Ontario. <i>Chemosphere</i> , 2006, 62, 1689-1696. | 4.2 | 46 |
| 105 | EMISSION OF LEGACY CHLORINATED PESTICIDES FROM AGRICULTURAL AND ORCHARD SOILS IN BRITISH COLUMBIA, CANADA. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1448. | 2.2 | 46 |
| 106 | 20 Years of Air-Water Gas Exchange Observations for Pesticides in the Western Arctic Ocean. <i>Environmental Science & Technology</i> , 2015, 49, 13844-13852. | 4.6 | 46 |
| 107 | Hexachlorocyclohexanes in the Canadian Archipelago. 1. Spatial Distribution and Pathways of $\hat{1}\pm$, $\hat{1}^2$, and $\hat{1}^3$ -HCHs in Surface Water. <i>Environmental Science & Technology</i> , 2007, 41, 2688-2695. | 4.6 | 45 |
| 108 | Passive Air Sampling of Organochlorine Pesticides in Mexico. <i>Environmental Science & Technology</i> , 2009, 43, 704-710. | 4.6 | 45 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Natural organics as fluorescent tracers of river-sea mixing. <i>Estuarine, Coastal and Shelf Science</i> , 1982, 15, 701-707. | 0.9 | 44 |
| 110 | Air concentrations of organochlorine insecticides and polychlorinated biphenyls over Green Bay, WI, and the four lower Great Lakes. <i>Environmental Pollution</i> , 1998, 101, 391-399. | 3.7 | 43 |
| 111 | Gas-particle partitioning of polychlorinated naphthalenes and non- and mono-ortho-substituted polychlorinated biphenyls in arctic air. <i>Science of the Total Environment</i> , 2005, 342, 161-173. | 3.9 | 43 |
| 112 | Organochlorine pesticides and PCBs in air of southern Mexico (2002-2004). <i>Atmospheric Environment</i> , 2008, 42, 8810-8818. | 1.9 | 43 |
| 113 | Enantioselective Degradation of Organochlorine Pesticides in Background Soils: Variability in Field and Laboratory Studies. <i>Environmental Science & Technology</i> , 2007, 41, 4965-4971. | 4.6 | 41 |
| 114 | Hydroxypropyl- β -cyclodextrin as non-exhaustive extractant for organochlorine pesticides and polychlorinated biphenyls in muck soil. <i>Environmental Pollution</i> , 2010, 158, 1303-1310. | 3.7 | 41 |
| 115 | Enantiomer Fractions of Organic Chlorinated Pesticides in Arctic Marine Ice Fauna, Zooplankton, and Benthos. <i>Environmental Science & Technology</i> , 2005, 39, 3464-3473. | 4.6 | 40 |
| 116 | A review of halogenated natural products in Arctic, Subarctic and Nordic ecosystems. <i>Emerging Contaminants</i> , 2019, 5, 89-115. | 2.2 | 40 |
| 117 | Aging of Organochlorine Pesticides and Polychlorinated Biphenyls in Muck Soil: Volatilization, Bioaccessibility, and Degradation. <i>Environmental Science & Technology</i> , 2011, 45, 958-963. | 4.6 | 39 |
| 118 | Fate of Chiral and Achiral Organochlorine Pesticides in the North Atlantic Bloom Experiment. <i>Environmental Science & Technology</i> , 2012, 46, 8106-8114. | 4.6 | 38 |
| 119 | Current use pesticide and legacy organochlorine pesticide dynamics at the ocean-sea ice-atmosphere interface in resolute passage, Canadian Arctic, during winter-summer transition. <i>Science of the Total Environment</i> , 2017, 580, 1460-1469. | 3.9 | 38 |
| 120 | Temperature dependent Henry's law constant for technical toxaphene. <i>Chemosphere</i> , 2000, 2, 225-231. | 1.2 | 37 |
| 121 | Spatial and Temporal Trends of Chiral Organochlorine Signatures in Great Lakes Air Using Passive Air Samplers. <i>Environmental Science & Technology</i> , 2007, 41, 3877-3883. | 4.6 | 37 |
| 122 | Atmospheric deposition of persistent organic pollutants and chemicals of emerging concern at two sites in northern Sweden. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 298. | 1.7 | 37 |
| 123 | Correlation between Global Emissions of γ -hexachlorocyclohexane and Its Concentrations in the Arctic Air. <i>Journal of Environmental Informatics</i> , 2003, 1, 52-57. | 6.0 | 37 |
| 124 | Petroleum hydrocarbons in the surface water of two estuaries in the Southeastern United States. <i>Estuarine, Coastal and Shelf Science</i> , 1990, 30, 91-109. | 0.9 | 36 |
| 125 | Microbial degradation is a key elimination pathway of hexachlorocyclohexanes from the Arctic Ocean. <i>Geophysical Research Letters</i> , 2000, 27, 1155-1158. | 1.5 | 36 |
| 126 | Climate change influence on the levels and trends of persistent organic pollutants (POPs) and chemicals of emerging Arctic concern (CEACs) in the Arctic physical environment - a review. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1577-1615. | 1.7 | 36 |

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|-----|--|-----|-----------|
| 127 | Determination of Vapor Pressures for Organophosphate Esters. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 1441-1447. | 1.0 | 35 |
| 128 | Concentrations and Fluxes of Hexachlorocyclohexanes and Chiral Composition of $\hat{\pm}$ -HCH in Environmental Samples from the Southern Baltic Sea. <i>Environmental Science & Technology</i> , 2001, 35, 4739-4746. | 4.6 | 34 |
| 129 | Current use pesticides in inland lake waters, precipitation, and air from Ontario, Canada. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1539-1548. | 2.2 | 34 |
| 130 | Frontal movement of hexachlorobenzene and polychlorinated biphenyl vapors through polyurethane. <i>Analytical Chemistry</i> , 1981, 53, 1926-1929. | 3.2 | 32 |
| 131 | Air-water gas exchange of $\hat{\pm}$ -hexachlorocyclohexane enantiomers in the South Atlantic Ocean and Antarctica. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004, 51, 2661-2672. | 0.6 | 32 |
| 132 | Comparison of concentrations and stereoisomer ratios of mecoprop, dichlorprop and metolachlor in Ontario streams, 2006-2007 vs. 2003-2004. <i>Environmental Pollution</i> , 2010, 158, 1842-1849. | 3.7 | 32 |
| 133 | Toxaphene degradation in estuarine sediments. <i>Journal of Agricultural and Food Chemistry</i> , 1978, 26, 280-282. | 2.4 | 31 |
| 134 | Occurrence and vapor particle partitioning of heavy organic compounds in ambient air in Brazzaville, Congo. <i>Environmental Pollution</i> , 1992, 76, 147-156. | 3.7 | 31 |
| 135 | Toxaphene in amphipods and zooplankton from the Arctic Ocean. <i>Chemosphere</i> , 1993, 27, 1949-1963. | 4.2 | 31 |
| 136 | Modelling of the long-term fate of pesticide residues in agricultural soils and their surface exchange with the atmosphere: Part II. Projected long-term fate of pesticide residues. <i>Science of the Total Environment</i> , 2007, 377, 61-80. | 3.9 | 31 |
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