

Miriam Diamond

List of Publications by Year in descending order

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199
papers

12,031
citations

28736

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36203

101
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204
all docs

204
docs citations

204
times ranked

9100
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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. | 4.6 | 583 |
| 3 | Outside the Safe Operating Space of the Planetary Boundary for Novel Entities. <i>Environmental Science & Technology</i> , 2022, 56, 1510-1521. | 4.6 | 477 |
| 4 | 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. | 4.6 | 368 |
| 5 | Organophosphate Ester Flame Retardants: Are They a Regrettable Substitution for Polybrominated Diphenyl Ethers?. <i>Environmental Science and Technology Letters</i> , 2019, 6, 638-649. | 3.9 | 343 |
| 6 | Polybrominated diphenyl ethers in domestic indoor dust from Canada, New Zealand, United Kingdom and United States. <i>Environment International</i> , 2008, 34, 232-238. | 4.8 | 300 |
| 7 | Indoor Contamination with Hexabromocyclododecanes, Polybrominated Diphenyl Ethers, and Perfluoroalkyl Compounds: An Important Exposure Pathway for People?. <i>Environmental Science & Technology</i> , 2010, 44, 3221-3231. | 4.6 | 266 |
| 8 | 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. | 4.6 | 228 |
| 9 | Assessment of lead, cadmium, and zinc contamination of roadside soils, surface films, and vegetables in Kampala City, Uganda. <i>Environmental Research</i> , 2006, 101, 42-52. | 3.7 | 227 |
| 10 | Stocks and Flows of PBDEs in Products from Use to Waste in the U.S. and Canada from 1970 to 2020. <i>Environmental Science & Technology</i> , 2015, 49, 1521-1528. | 4.6 | 215 |
| 11 | The Madrid Statement on Poly- and Perfluoroalkyl Substances (PFASs). <i>Environmental Health Perspectives</i> , 2015, 123, A107-11. | 2.8 | 199 |
| 12 | Spatial Distribution of Polybrominated Diphenyl Ethers in Southern Ontario As Measured in Indoor and Outdoor Window Organic Films. <i>Environmental Science & Technology</i> , 2004, 38, 724-731. | 4.6 | 176 |
| 13 | Evidence for Organic Film on an Impervious Urban Surface:~ Characterization and Potential Teratogenic Effects. <i>Environmental Science & Technology</i> , 2000, 34, 2900-2908. | 4.6 | 149 |
| 14 | Estimation of PCB Stocks, Emissions, and Urban Fate: Will our Policies Reduce Concentrations and Exposure?. <i>Environmental Science & Technology</i> , 2010, 44, 2777-2783. | 4.6 | 148 |
| 15 | Organophosphate Esters in Canadian Arctic Air: Occurrence, Levels and Trends. <i>Environmental Science & Technology</i> , 2016, 50, 7409-7415. | 4.6 | 144 |
| 16 | Organophosphate esters flame retardants in the indoor environment. <i>Environment International</i> , 2017, 106, 97-104. | 4.8 | 142 |
| 17 | Atmospherically Derived Organic Surface Films along an Urban-Rural Gradient. <i>Environmental Science & Technology</i> , 2001, 35, 4031-4037. | 4.6 | 135 |
| 18 | Hexabromocyclododecanes In Indoor Dust From Canada, the United Kingdom, and the United States. <i>Environmental Science & Technology</i> , 2008, 42, 459-464. | 4.6 | 135 |

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|----|---|-----|-----------|
| 19 | Application of the QWASI (Quantitative Water Air Sediment Interaction) fugacity model to the dynamics of organic and inorganic chemicals in lakes. <i>Chemosphere</i> , 1989, 18, 1343-1365. | 4.2 | 133 |
| 20 | Accumulation of metals, trace elements and semi-volatile organic compounds on exterior window surfaces in Baltimore. <i>Environmental Pollution</i> , 2003, 122, 51-61. | 3.7 | 132 |
| 21 | Sources, Emissions, and Fate of Polybrominated Diphenyl Ethers and Polychlorinated Biphenyls Indoors in Toronto, Canada. <i>Environmental Science & Technology</i> , 2011, 45, 3268-3274. | 4.6 | 129 |
| 22 | Capturing microfibers – marketed technologies reduce microfiber emissions from washing machines. <i>Marine Pollution Bulletin</i> , 2019, 139, 40-45. | 2.3 | 129 |
| 23 | Novel flame retardants: Estimating the physical-chemical properties and environmental fate of 94 halogenated and organophosphate PBDE replacements. <i>Chemosphere</i> , 2016, 144, 2401-2407. | 4.2 | 128 |
| 24 | Exploring the planetary boundary for chemical pollution. <i>Environment International</i> , 2015, 78, 8-15. | 4.8 | 125 |
| 25 | Characterization of Polar Organic Compounds in the Organic Film on Indoor and Outdoor Glass Windows. <i>Environmental Science & Technology</i> , 2003, 37, 2340-2349. | 4.6 | 124 |
| 26 | Brominated flame retardants in the indoor environment – Comparative study of indoor contamination from three countries. <i>Environment International</i> , 2016, 94, 150-160. | 4.8 | 124 |
| 27 | PCBs, PBDEs, and PAHs in Toronto air: Spatial and seasonal trends and implications for contaminant transport. <i>Science of the Total Environment</i> , 2012, 429, 272-280. | 3.9 | 122 |
| 28 | Fluorinated Compounds in North American Cosmetics. <i>Environmental Science and Technology Letters</i> , 2021, 8, 538-544. | 3.9 | 120 |
| 29 | Developing a multimedia model of chemical dynamics in an urban area. <i>Chemosphere</i> , 2001, 44, 1655-1667. | 4.2 | 113 |
| 30 | Evaluation of passive air sampler calibrations: Selection of sampling rates and implications for the measurement of persistent organic pollutants in air. <i>Atmospheric Environment</i> , 2011, 45, 1867-1875. | 1.9 | 111 |
| 31 | Multimedia Modeling of Polybrominated Diphenyl Ether Emissions and Fate Indoors. <i>Environmental Science & Technology</i> , 2009, 43, 2845-2850. | 4.6 | 109 |
| 32 | Direct and indirect effects of different types of microplastics on freshwater prey (<i>Corbicula</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T | 1.1 | 108 |
| 33 | Risks and Benefits of Consumption of Great Lakes Fish. <i>Environmental Health Perspectives</i> , 2012, 120, 11-18. | 2.8 | 106 |
| 34 | Passive sampler derived air concentrations of PBDEs along an urban-rural transect: Spatial and temporal trends. <i>Chemosphere</i> , 2006, 64, 262-267. | 4.2 | 105 |
| 35 | Polychlorinated biphenyls in domestic dust from Canada, New Zealand, United Kingdom and United States: Implications for human exposure. <i>Chemosphere</i> , 2009, 76, 232-238. | 4.2 | 102 |
| 36 | Chemical composition of surface films on glass windows and implications for atmospheric chemistry. <i>Atmospheric Environment</i> , 2005, 39, 6578-6586. | 1.9 | 98 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | New Directions: Exposure to polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs): Current and future scenarios. <i>Atmospheric Environment</i> , 2006, 40, 1187-1188. | 1.9 | 98 |
| 38 | Distribution of Organophosphate Esters between the Gas and Particle Phase—Model Predictions vs Measured Data. <i>Environmental Science & Technology</i> , 2016, 50, 6644-6651. | 4.6 | 93 |
| 39 | Effects of phthalates on the development and expression of allergic disease and Asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2014, 112, 496-502. | 0.5 | 88 |
| 40 | Concentrations and chiral signatures of POPs in soils and sediments: A comparative urban versus rural study in Canada and UK. <i>Chemosphere</i> , 2009, 74, 404-411. | 4.2 | 87 |
| 41 | Perfluorinated alkyl substances (PFASs) in household dust in Central Europe and North America. <i>Environment International</i> , 2016, 94, 315-324. | 4.8 | 87 |
| 42 | Product screening for sources of halogenated flame retardants in Canadian house and office dust. <i>Science of the Total Environment</i> , 2016, 545-546, 299-307. | 3.9 | 86 |
| 43 | Projected declines in global DHA availability for human consumption as a result of global warming. <i>Ambio</i> , 2020, 49, 865-880. | 2.8 | 86 |
| 44 | From the City to the Lake: Loadings of PCBs, PBDEs, PAHs and PCMs from Toronto to Lake Ontario. <i>Environmental Science & Technology</i> , 2014, 48, 3732-3741. | 4.6 | 78 |
| 45 | From Clothing to Laundry Water: Investigating the Fate of Phthalates, Brominated Flame Retardants, and Organophosphate Esters. <i>Environmental Science & Technology</i> , 2016, 50, 9289-9297. | 4.6 | 77 |
| 46 | Urban Contaminant Dynamics: From Source to Effect. <i>Environmental Science & Technology</i> , 2007, 41, 3796-3800. | 4.6 | 74 |
| 47 | Passive air sampling of flame retardants and plasticizers in Canadian homes using PDMS, XAD-coated PDMS and PUF samplers. <i>Environmental Pollution</i> , 2018, 239, 109-117. | 3.7 | 72 |
| 48 | Organophosphate Ester Transport, Fate, and Emissions in Toronto, Canada, Estimated Using an Updated Multimedia Urban Model. <i>Environmental Science & Technology</i> , 2018, 52, 12465-12474. | 4.6 | 72 |
| 49 | The Widespread Environmental Footprint of Indigo Denim Microfibers from Blue Jeans. <i>Environmental Science and Technology Letters</i> , 2020, 7, 840-847. | 3.9 | 72 |
| 50 | New Method for Calculating Comparative Toxicity Potential of Cationic Metals in Freshwater: Application to Copper, Nickel, and Zinc. <i>Environmental Science & Technology</i> , 2010, 44, 5195-5201. | 4.6 | 71 |
| 51 | Silicone wristbands integrate dermal and inhalation exposures to semi-volatile organic compounds (SVOCs). <i>Environment International</i> , 2019, 132, 105104. | 4.8 | 68 |
| 52 | Cooking Decreases Observed Perfluorinated Compound Concentrations in Fish. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7551-7559. | 2.4 | 67 |
| 53 | Are cell phones an indicator of personal exposure to organophosphate flame retardants and plasticizers?. <i>Environment International</i> , 2019, 122, 104-116. | 4.8 | 66 |
| 54 | Assessing the organic composition of urban surface films using nuclear magnetic resonance spectroscopy. <i>Chemosphere</i> , 2006, 63, 142-152. | 4.2 | 65 |

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|----|--|-----|-----------|
| 55 | Life-cycle framework for assessment of site remediation options: Case study. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 801-810. | 2.2 | 62 |
| 56 | Factors affecting the occurrence and enantiomeric degradation of hexachlorocyclohexane isomers in northern and temperate aquatic systems. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 2690-2698. | 2.2 | 60 |
| 57 | Phthalates: Relationships between Air, Dust, Electronic Devices, and Hands with Implications for Exposure. <i>Environmental Science & Technology</i> , 2020, 54, 8186-8197. | 4.6 | 60 |
| 58 | Application of the Multimedia Urban Model To Compare the Fate of SOCs in an Urban and Forested Watershed. <i>Environmental Science & Technology</i> , 2002, 36, 1004-1013. | 4.6 | 59 |
| 59 | Continuing sources of PCBs: The significance of building sealants. <i>Environment International</i> , 2010, 36, 506-513. | 4.8 | 59 |
| 60 | We need a global science-policy body on chemicals and waste. <i>Science</i> , 2021, 371, 774-776. | 6.0 | 59 |
| 61 | Use of Constructed Wetlands for Urban Stream Restoration: A Critical Analysis. <i>Environmental Management</i> , 1997, 21, 329-341. | 1.2 | 56 |
| 62 | Using experimental and forest soils to investigate the uptake of polycyclic aromatic hydrocarbons (PAHs) along an urban-rural gradient. <i>Environmental Pollution</i> , 2004, 129, 387-398. | 3.7 | 56 |
| 63 | Assessing the importance of heterogeneous reactions of polycyclic aromatic hydrocarbons in the urban atmosphere using the Multimedia Urban Model. <i>Atmospheric Environment</i> , 2007, 41, 37-50. | 1.9 | 56 |
| 64 | PCBs and organochlorine pesticides in indoor environments - A comparison of indoor contamination in Canada and Czech Republic. <i>Chemosphere</i> , 2018, 206, 622-631. | 4.2 | 56 |
| 65 | A Rate Constant Model of Chemical Dynamics in a Lake Ecosystem: PCBs in Lake Ontario. <i>Journal of Great Lakes Research</i> , 1994, 20, 625-642. | 0.8 | 55 |
| 66 | Chemical Footprint Method for Improved Communication of Freshwater Ecotoxicity Impacts in the Context of Ecological Limits. <i>Environmental Science & Technology</i> , 2014, 48, 13253-13262. | 4.6 | 55 |
| 67 | Organophosphate Esters in the Canadian Arctic Ocean. <i>Environmental Science & Technology</i> , 2021, 55, 304-312. | 4.6 | 55 |
| 68 | From air to clothing: characterizing the accumulation of semi-volatile organic compounds to fabrics in indoor environments. <i>Indoor Air</i> , 2017, 27, 631-641. | 2.0 | 54 |
| 69 | Assessing Human Exposure to SVOCs in Materials, Products, and Articles: A Modular Mechanistic Framework. <i>Environmental Science & Technology</i> , 2021, 55, 25-43. | 4.6 | 54 |
| 70 | Beyond Cholinesterase Inhibition: Developmental Neurotoxicity of Organophosphate Ester Flame Retardants and Plasticizers. <i>Environmental Health Perspectives</i> , 2021, 129, 105001. | 2.8 | 54 |
| 71 | Examining the Gas-Particle Partitioning of Organophosphate Esters: How Reliable Are Air Measurements?. <i>Environmental Science & Technology</i> , 2018, 52, 13834-13844. | 4.6 | 53 |
| 72 | Exposure of Canadian electronic waste dismantlers to flame retardants. <i>Environment International</i> , 2019, 129, 95-104. | 4.8 | 53 |

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|----|--|-----|-----------|
| 73 | Modeling urban films using a dynamic multimedia fugacity model. <i>Chemosphere</i> , 2012, 87, 1024-1031. | 4.2 | 51 |
| 74 | Anthropogenic particles (including microfibers and microplastics) in marine sediments of the Canadian Arctic. <i>Science of the Total Environment</i> , 2021, 784, 147155. | 3.9 | 51 |
| 75 | SO-MUM: A Coupled Atmospheric Transport and Multimedia Model Used to Predict Intraurban-Scale PCB and PBDE Emissions and Fate. <i>Environmental Science & Technology</i> , 2013, 47, 436-445. | 4.6 | 50 |
| 76 | Tri(2,4-di- <i>i>t</i>-butylphenyl) Phosphate: A Previously Unrecognized, Abundant, Ubiquitous Pollutant in the Built and Natural Environment. <i>Environmental Science & Technology</i>, 2018, 52, 12997-13003.</i> | 4.6 | 50 |
| 77 | Calibration of polydimethylsiloxane and polyurethane foam passive air samplers for measuring semi volatile organic compounds using a novel exposure chamber design. <i>Chemosphere</i> , 2019, 227, 435-443. | 4.2 | 50 |
| 78 | The clearwater consensus: the estimation of metal hazard in fresh water. <i>International Journal of Life Cycle Assessment</i> , 2010, 15, 143-147. | 2.2 | 48 |
| 79 | Implications of considering metal bioavailability in estimates of freshwater ecotoxicity: examination of two case studies. <i>International Journal of Life Cycle Assessment</i> , 2011, 16, 774. | 2.2 | 48 |
| 80 | Characterizing the sorption of polybrominated diphenyl ethers (PBDEs) to cotton and polyester fabrics under controlled conditions. <i>Science of the Total Environment</i> , 2016, 563-564, 99-107. | 3.9 | 48 |
| 81 | Semivolatile Organic Compounds in Window Films from Lower Manhattan after the September 11th World Trade Center Attacks. <i>Environmental Science & Technology</i> , 2004, 38, 3514-3524. | 4.6 | 47 |
| 82 | Calibration of polydimethylsiloxane and XAD-Pocket passive air samplers (PAS) for measuring gas- and particle-phase SVOCs. <i>Atmospheric Environment</i> , 2016, 143, 202-208. | 1.9 | 47 |
| 83 | Calibration of two passive air samplers for monitoring phthalates and brominated flame-retardants in indoor air. <i>Chemosphere</i> , 2015, 137, 166-173. | 4.2 | 46 |
| 84 | Halogenated flame retardants and organophosphate esters in the air of electronic waste recycling facilities: Evidence of high concentrations and multiple exposures. <i>Environment International</i> , 2019, 128, 244-253. | 4.8 | 46 |
| 85 | Application of the QWASI Fugacity/Aquivalence Model to Assessing Sources and Fate of Contaminants in Hamilton Harbour. <i>Journal of Great Lakes Research</i> , 1993, 19, 582-602. | 0.8 | 45 |
| 86 | Gas-Phase Ambient Air Contaminants Exhibit Significant Dioxin-like and Estrogen-like Activity in Vitro. <i>Environmental Health Perspectives</i> , 2006, 114, 697-703. | 2.8 | 45 |
| 87 | Estimation of Atmospheric Emissions of Six Semivolatile Polycyclic Aromatic Hydrocarbons in Southern Canada and the United States by Use of an Emissions Processing System. <i>Environmental Science & Technology</i> , 2007, 41, 4205-4213. | 4.6 | 44 |
| 88 | A model of the exchange of inorganic chemicals between water and sediments. <i>Environmental Science & Technology</i> , 1990, 24, 713-722. | 4.6 | 43 |
| 89 | Flame retardants and plasticizers in a Canadian waste electrical and electronic equipment (WEEE) dismantling facility. <i>Science of the Total Environment</i> , 2019, 675, 594-603. | 3.9 | 42 |
| 90 | Perfluoroalkyl Contaminants in Window Film: Indoor/Outdoor, Urban/Rural, and Winter/Summer Contamination and Assessment of Carpet as a Possible Source. <i>Environmental Science & Technology</i> , 2009, 43, 7317-7323. | 4.6 | 40 |

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|-----|---|-----|-----------|
| 91 | Application of Land Use Regression to Identify Sources and Assess Spatial Variation in Urban SVOC Concentrations. <i>Environmental Science & Technology</i> , 2013, 47, 1887-1895. | 4.6 | 39 |
| 92 | Development of a fugacity/aquivalence model of mercury dynamics in lakes. <i>Water, Air, and Soil Pollution</i> , 1999, 111, 337-357. | 1.1 | 38 |
| 93 | Evolution rates and PCB content of surface films that develop on impervious urban surfaces. <i>Atmospheric Environment</i> , 2008, 42, 6131-6143. | 1.9 | 38 |
| 94 | Beyond Safe Operating Space: Finding Chemical Footprinting Feasible. <i>Environmental Science & Technology</i> , 2014, 48, 6057-6059. | 4.6 | 38 |
| 95 | A comparison of contaminant dynamics in arctic and temperate fish: A modeling approach. <i>Chemosphere</i> , 2006, 63, 1328-1341. | 4.2 | 36 |
| 96 | The Magnitude and Spatial Range of Current-Use Urban PCB and PBDE Emissions Estimated Using a Coupled Multimedia and Air Transport Model. <i>Environmental Science & Technology</i> , 2014, 48, 1075-1083. | 4.6 | 36 |
| 97 | Urban sources of synthetic musk compounds to the environment. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 74-88. | 1.7 | 36 |
| 98 | Development of a Multichemical Food Web Model: Application to PBDEs in Lake Ellasjøen, Bear Island, Norway. <i>Environmental Science & Technology</i> , 2006, 40, 4714-4721. | 4.6 | 35 |
| 99 | Determination of Vapor Pressures for Organophosphate Esters. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 1441-1447. | 1.0 | 35 |
| 100 | Polydimethylsiloxane (silicone rubber) brooch as a personal passive air sampler for semi-volatile organic compounds. <i>Chemosphere</i> , 2018, 208, 1002-1007. | 4.2 | 34 |
| 101 | Measuring exposure of e-waste dismantlers in Dhaka Bangladesh to organophosphate esters and halogenated flame retardants using silicone wristbands and T-shirts. <i>Science of the Total Environment</i> , 2020, 720, 137480. | 3.9 | 34 |
| 102 | Development of a Mass Balance Model of the Fate of 17 Chemicals in the Bay of Quinte. <i>Journal of Great Lakes Research</i> , 1994, 20, 643-666. | 0.8 | 33 |
| 103 | The Kingston Allergy Birth Cohort. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 118, 465-473. | 0.5 | 33 |
| 104 | Application of a Mass Balance Model To Assess In-Place Arsenic Pollution. <i>Environmental Science & Technology</i> , 1995, 29, 29-42. | 4.6 | 32 |
| 105 | Wet deposition loadings of organic contaminants to Lake Ontario: Assessing the influence of precipitation from urban and rural sites. <i>Atmospheric Environment</i> , 2011, 45, 5042-5049. | 1.9 | 32 |
| 106 | Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2000, 117, 133-156. | 1.1 | 31 |
| 107 | Implications of geographic variability on Comparative Toxicity Potentials of Cu, Ni and Zn in freshwaters of Canadian ecoregions. <i>Chemosphere</i> , 2011, 82, 268-277. | 4.2 | 31 |
| 108 | Persistent Problem: Global Challenges to Managing PCBs. <i>Environmental Science & Technology</i> , 2022, 56, 9029-9040. | 4.6 | 31 |

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|-----|--|-----|-----------|
| 109 | A Mass Balance Model Describing Multiyear Fate of Organochlorine Compounds in a High Arctic Lake. <i>Environmental Science & Technology</i> , 2002, 36, 996-1003. | 4.6 | 30 |
| 110 | Alternative Flame Retardant, 2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine, in an E-waste Recycling Facility and House Dust in North America. <i>Environmental Science & Technology</i> , 2018, 52, 3599-3607. | 4.6 | 30 |
| 111 | Linking past uses of legacy SVOCs with today's indoor levels and human exposure. <i>Environment International</i> , 2019, 127, 653-663. | 4.8 | 30 |
| 112 | Regulation of chemicals in children's products: How U.S. and EU regulation impacts small markets. <i>Science of the Total Environment</i> , 2018, 616-617, 462-471. | 3.9 | 29 |
| 113 | Degradation as a Loss Mechanism in the Fate of \hat{I} -Hexachlorocyclohexane in Arctic Watersheds. <i>Environmental Science & Technology</i> , 2000, 34, 812-818. | 4.6 | 28 |
| 114 | Polydimethylsiloxane-air partition ratios for semi-volatile organic compounds by GC-based measurement and COSMO-RS estimation: Rapid measurements and accurate modelling. <i>Chemosphere</i> , 2016, 156, 204-211. | 4.2 | 28 |
| 115 | Chiral Pesticides in Soil and Water and Exchange with the Atmosphere. <i>Scientific World Journal</i> , The, 2002, 2, 357-373. | 0.8 | 27 |
| 116 | DEVELOPMENT OF A COUPLED METAL SPECIATIONâ€“FATE MODEL FOR SURFACE AQUATIC SYSTEMS. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1376. | 2.2 | 27 |
| 117 | Vertical and Temporal Distribution of Persistent Organic Pollutants in Toronto. 1. Organochlorine Pesticides. <i>Environmental Science & Technology</i> , 2007, 41, 2172-2177. | 4.6 | 26 |
| 118 | Partitioning characteristics of PCBs in urban surface films. <i>Atmospheric Environment</i> , 2008, 42, 5696-5705. | 1.9 | 26 |
| 119 | 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. | 4.6 | 25 |
| 120 | A Need for Standardized Reporting: A Scoping Review of Bioretention Research 2000â€“2019. <i>Water (Switzerland)</i> , 2020, 12, 3122. | 1.2 | 25 |
| 121 | Enhancing Scientific Support for the Stockholm Conventionâ€™s Implementation: An Analysis of Policy Needs for Scientific Evidence. <i>Environmental Science & Technology</i> , 2022, 56, 2936-2949. | 4.6 | 25 |
| 122 | Sticky Windows: Chemical and Biological Characteristics of the Organic Film Derived from Particulate and Gas-Phase Air Contaminants Found on an Urban Impervious Surface. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 44, 421-429. | 2.1 | 24 |
| 123 | Application of the Multimedia Urban Model to estimate the emissions and environmental fate of PAHs in Tarragona County, Catalonia, Spain. <i>Science of the Total Environment</i> , 2016, 573, 1622-1629. | 3.9 | 24 |
| 124 | Polychlorinated Dioxins and Furans from the World Trade Center Attacks in Exterior Window Films from Lower Manhattan in New York City. <i>Environmental Science & Technology</i> , 2005, 39, 1995-2003. | 4.6 | 23 |
| 125 | Contaminant fate and transport in the Venice Lagoon: Results from a multi-segment multimedia model. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 222-230. | 2.9 | 23 |
| 126 | Early life exposure to phthalates in the Canadian Healthy Infant Longitudinal Development (CHILD) study: a multi-city birth cohort. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 70-85. | 1.8 | 23 |

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|-----|---|-----|-----------|
| 127 | Early life exposure to phthalates and the development of childhood asthma among Canadian children. <i>Environmental Research</i> , 2021, 197, 110981. | 3.7 | 21 |
| 128 | Occupational Exposure of Canadian Nail Salon Workers to Plasticizers Including Phthalates and Organophosphate Esters. <i>Environmental Science & Technology</i> , 2022, 56, 3193-3203. | 4.6 | 21 |
| 129 | Contaminant fate in high arctic lakes: development and application of a mass balance model. <i>Science of the Total Environment</i> , 1997, 201, 171-187. | 3.9 | 20 |
| 130 | Elevated Concentrations of Semivolatile Organic Compounds in Social Housing Multiunit Residential Building Apartments. <i>Environmental Science and Technology Letters</i> , 2020, 7, 191-197. | 3.9 | 20 |
| 131 | Gas Chromatographic Estimation of Vapor Pressures and Octanol-Air Partition Coefficients of Semivolatile Organic Compounds of Emerging Concern. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 2467-2475. | 1.0 | 20 |
| 132 | Development of a mercury speciation, fate, and biotic uptake (BIOTRANSPEC) model: Application to Lahontan Reservoir (Nevada, USA). <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 2260-2273. | 2.2 | 19 |
| 133 | Impacts of Cooking Technique on Polychlorinated Biphenyl and Polychlorinated Dioxins/Furan Concentrations in Fish and Fish Products with Intake Estimates. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 989-997. | 2.4 | 19 |
| 134 | Isomers of tris(chloropropyl) phosphate (TCPP) in technical mixtures and environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6989-6997. | 1.9 | 19 |
| 135 | Characterization of Polycyclic Aromatic Compounds in Commercial Pavement Sealcoat Products for Enhanced Source Apportionment. <i>Environmental Science & Technology</i> , 2019, 53, 3157-3165. | 4.6 | 19 |
| 136 | Effects of estimates from different geochemical models on metal fate predicted by coupled speciation-fate models. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1020-1030. | 2.2 | 18 |
| 137 | Interlaboratory study of novel halogenated flame retardants: INTERFLAB. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6759-6769. | 1.9 | 18 |
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