

Eric J Reiner

List of Publications by Year in descending order

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134
papers

6,463
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137
docs citations

137
times ranked

4332
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Dechlorane Plus and Related Compounds in the Environment: A Review. <i>Environmental Science & Technology</i> , 2011, 45, 5088-5098. | 10.0 | 330 |
| 2 | 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 |
| 3 | Dechlorane Plus Levels in Sediment of the Lower Great Lakes. <i>Environmental Science & Technology</i> , 2008, 42, 361-366. | 10.0 | 197 |
| 4 | Observation of a Commercial Fluorinated Material, the Polyfluoroalkyl Phosphoric Acid Diesters, in Human Sera, Wastewater Treatment Plant Sludge, and Paper Fibers. <i>Environmental Science & Technology</i> , 2009, 43, 4589-4594. | 10.0 | 177 |
| 5 | An Asia-Specific Source of Dechlorane Plus: Concentration, Isomer Profiles, and Other Related Compounds. <i>Environmental Science & Technology</i> , 2010, 44, 6608-6613. | 10.0 | 170 |
| 6 | A hybrid BEQQ mass spectrometer for studies in gaseous ion chemistry. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1986, 74, 13-31. | 1.8 | 156 |
| 7 | Spatial Distribution of Perfluoroalkyl Contaminants in Lake Trout from the Great Lakes. <i>Environmental Science & Technology</i> , 2007, 41, 1554-1559. | 10.0 | 143 |
| 8 | Identification and Screening Analysis of Halogenated Norbornene Flame Retardants in the Laurentian Great Lakes: Dechloranes 602, 603, and 604. <i>Environmental Science & Technology</i> , 2010, 44, 760-766. | 10.0 | 128 |
| 9 | Long-Term Environmental Fate of Perfluorinated Compounds after Accidental Release at Toronto Airport. <i>Environmental Science & Technology</i> , 2011, 45, 8081-8089. | 10.0 | 122 |
| 10 | Identification of Potential Novel Bioaccumulative and Persistent Chemicals in Sediments from Ontario (Canada) Using Scripting Approaches with GC ^A —GC-TOF MS Analysis. <i>Environmental Science & Technology</i> , 2014, 48, 9591-9599. | 10.0 | 111 |
| 11 | Concentration and Bioaccumulation of Dechlorane Compounds in Coastal Environment of Northern China. <i>Environmental Science & Technology</i> , 2011, 45, 2613-2618. | 10.0 | 110 |
| 12 | Dechlorane Plus and Related Compounds in Peregrine Falcon (<i>Falco peregrinus</i>) Eggs from Canada and Spain. <i>Environmental Science & Technology</i> , 2011, 45, 1284-1290. | 10.0 | 100 |
| 13 | Perfluorinated phosphonic acids in Canadian surface waters and wastewater treatment plant effluent: Discovery of a new class of perfluorinated acids. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2101-2107. | 4.3 | 99 |
| 14 | Atmospheric concentrations of halogenated flame retardants at two remote locations: The Canadian High Arctic and the Tibetan Plateau. <i>Environmental Pollution</i> , 2012, 161, 154-161. | 7.5 | 99 |
| 15 | Historic Trends of Dechloranes 602, 603, 604, Dechlorane Plus and Other Norbornene Derivatives and Their Bioaccumulation Potential in Lake Ontario. <i>Environmental Science & Technology</i> , 2011, 45, 3333-3340. | 10.0 | 92 |
| 16 | Advances in analytical techniques for polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and dioxin-like PCBs. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 791-806. | 3.7 | 89 |
| 17 | Are PCB Levels in Fish from the Canadian Great Lakes Still Declining?. <i>Journal of Great Lakes Research</i> , 2007, 33, 592. | 1.9 | 87 |
| 18 | Distribution and transportability of hexabromocyclododecane (HBCD) in the Asia-Pacific region using skipjack tuna as a bioindicator. <i>Environmental Pollution</i> , 2006, 144, 238-247. | 7.5 | 82 |

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|----|---|------|-----------|
| 19 | Converting Toxic Equivalents (TEQ) of dioxins and dioxin-like compounds in fish from one Toxic Equivalency Factor (TEF) scheme to another. <i>Environment International</i> , 2008, 34, 915-921. | 10.0 | 82 |
| 20 | Temporal Trends of Perfluoroalkyl Compounds with Isomer Analysis in Lake Trout from Lake Ontario (1979~2004). <i>Environmental Science & Technology</i> , 2008, 42, 4739-4744. | 10.0 | 82 |
| 21 | Halogenated indigo dyes: A likely source of 1,3,6,8-tetrabromocarbazole and some other halogenated carbazoles in the environment. <i>Chemosphere</i> , 2015, 127, 18-26. | 8.2 | 81 |
| 22 | Compounds Structurally Related to Dechlorane Plus in Sediment and Biota from Lake Ontario (Canada). <i>Environmental Science & Technology</i> , 2010, 44, 574-579. | 10.0 | 80 |
| 23 | Using mass defect plots as a discovery tool to identify novel fluoropolymer thermal decomposition products. <i>Journal of Mass Spectrometry</i> , 2014, 49, 291-296. | 1.6 | 80 |
| 24 | Dechloranes 602, 603, 604, Dechlorane Plus, and Chlordene Plus, a Newly Detected Analogue, in Tributary Sediments of the Laurentian Great Lakes. <i>Environmental Science & Technology</i> , 2011, 45, 693-699. | 10.0 | 79 |
| 25 | ¹ H NMR-based metabolomics investigation of <i>Daphnia magna</i> responses to sub-lethal exposure to arsenic, copper and lithium. <i>Chemosphere</i> , 2013, 93, 331-337. | 8.2 | 78 |
| 26 | Characterization and Biological Potency of Mono- to Tetra-Halogenated Carbazoles. <i>Environmental Science & Technology</i> , 2015, 49, 10658-10666. | 10.0 | 77 |
| 27 | The Analysis of Halogenated Flame Retardants by GC-HRMS in Environmental Samples. <i>Journal of Chromatographic Science</i> , 2009, 47, 83-91. | 1.4 | 73 |
| 28 | Fate, distribution, and contrasting temporal trends of perfluoroalkyl substances (PFASs) in Lake Ontario, Canada. <i>Environment International</i> , 2012, 44, 92-99. | 10.0 | 73 |
| 29 | Liquid chromatography-atmospheric pressure photoionization tandem mass spectrometry for analysis of 36 halogenated flame retardants in fish. <i>Journal of Chromatography A</i> , 2010, 1217, 633-641. | 3.7 | 72 |
| 30 | The use of mass defect plots for the identification of (novel) halogenated contaminants in the environment. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3289-3297. | 3.7 | 72 |
| 31 | Measurement of PCDDs, PCDFs, and non-ortho-PCBs by comprehensive two-dimensional gas chromatography-isotope dilution time-of-flight mass spectrometry (GC-ITD-GC-IDTOFMS). <i>Talanta</i> , 2004, 63, 1231-1240. | 5.5 | 71 |
| 32 | Characterization of Two Passive Air Samplers for Per- and Polyfluoroalkyl Substances. <i>Environmental Science & Technology</i> , 2013, 47, 14024-14033. | 10.0 | 71 |
| 33 | Spatial and Temporal Trends in Sediment Contamination in Lake Ontario. <i>Journal of Great Lakes Research</i> , 2003, 29, 317-331. | 1.9 | 65 |
| 34 | 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 |
| 35 | High levels of perfluoroalkyl acids in sport fish species downstream of a firefighting training facility at Hamilton International Airport, Ontario, Canada. <i>Environment International</i> , 2014, 67, 1-11. | 10.0 | 64 |
| 36 | Levels of dechloranes and polybrominated diphenyl ethers (PBDEs) in human serum from France. <i>Environment International</i> , 2014, 65, 33-40. | 10.0 | 64 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Persistent organic pollutants in Detroit River suspended sediments: polychlorinated dibenzo-p-dioxins and dibenzofurans, dioxin-like polychlorinated biphenyls and polychlorinated naphthalenes. <i>Chemosphere</i> , 2002, 49, 111-120. | 8.2 | 60 |
| 38 | Surficial Sediment Contamination in Lakes Erie and Ontario: A Comparative Analysis. <i>Journal of Great Lakes Research</i> , 2002, 28, 437-450. | 1.9 | 60 |
| 39 | Trace level determination of perfluorinated compounds in water by direct injection. <i>Chemosphere</i> , 2008, 73, S24-S30. | 8.2 | 57 |
| 40 | A review of the determination of persistent organic pollutants for environmental forensics investigations. <i>Analytica Chimica Acta</i> , 2016, 941, 10-25. | 5.4 | 57 |
| 41 | Determination of polyfluoroalkyl phosphoric acid diesters, perfluoroalkyl phosphonic acids, perfluoroalkyl phosphinic acids, perfluoroalkyl carboxylic acids, and perfluoroalkane sulfonic acids in lake trout from the Great Lakes region. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2699-2709. | 3.7 | 56 |
| 42 | Identification of the Halogenated Compounds Resulting from the 1997 Plastimet Inc. Fire in Hamilton, Ontario, using Comprehensive Two-Dimensional Gas Chromatography and (Ultra)High Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2014, 48, 10656-10663. | 10.0 | 56 |
| 43 | Direct Elution of Solid Phase Extraction Disks for the Determination of Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans in Effluent Samples. <i>Analytical Chemistry</i> , 1995, 67, 1186-1190. | 6.5 | 55 |
| 44 | A routine accredited method for the analysis of polychlorinated biphenyls, organochlorine pesticides, chlorobenzenes and screening of other halogenated organics in soil, sediment and sludge by GCxGC- $\frac{1}{4}$ ECD. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2403-2413. | 3.7 | 55 |
| 45 | Non-targeted analysis of electronics waste by comprehensive two-dimensional gas chromatography combined with high-resolution mass spectrometry: Using accurate mass information and mass defect analysis to explore the data. <i>Journal of Chromatography A</i> , 2015, 1395, 152-159. | 3.7 | 55 |
| 46 | Composition of Dioxin-like PCBs in Fish: An Application for Risk Assessment. <i>Environmental Science & Technology</i> , 2007, 41, 3096-3102. | 10.0 | 52 |
| 47 | Air concentrations and particle-gas partitioning of polyfluoroalkyl compounds at a wastewater treatment plant. <i>Environmental Chemistry</i> , 2011, 8, 363. | 1.5 | 52 |
| 48 | Temporal trends and spatial distribution of dioxins and furans in lake trout or lake whitefish from the Canadian Great Lakes. <i>Chemosphere</i> , 2008, 73, S158-S165. | 8.2 | 51 |
| 49 | Development of liquid chromatography atmospheric pressure chemical ionization tandem mass spectrometry for analysis of halogenated flame retardants in wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 1311-1320. | 3.7 | 51 |
| 50 | Complementary Nontargeted and Targeted Mass Spectrometry Techniques to Determine Bioaccumulation of Halogenated Contaminants in Freshwater Species. <i>Environmental Science & Technology</i> , 2014, 48, 13844-13854. | 10.0 | 50 |
| 51 | Pop, heavy metal and the blues: secondary analysis of persistent organic pollutants (POP), heavy metals and depressive symptoms in the NHANES National Epidemiological Survey. <i>BMJ Open</i> , 2014, 4, e005142-e005142. | 1.9 | 48 |
| 52 | Spatial Distributions of Legacy Contaminants in Sediments of Lakes Huron and Superior. <i>Journal of Great Lakes Research</i> , 2008, 34, 153-168. | 1.9 | 46 |
| 53 | Application of a comprehensive extraction technique for the determination of poly- and perfluoroalkyl substances (PFASs) in Great Lakes Region sediments. <i>Chemosphere</i> , 2016, 164, 535-546. | 8.2 | 45 |
| 54 | The analysis of dioxins and related compounds. <i>Mass Spectrometry Reviews</i> , 2010, 29, 526-559. | 5.4 | 44 |

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|----|---|------|-----------|
| 55 | Temporal and spatial trends of organochlorines and mercury in fishes from the St. Clair River/Lake St. Clair corridor, Canada. <i>Journal of Great Lakes Research</i> , 2010, 36, 100-112. | 1.9 | 44 |
| 56 | Estimating dioxin-like polychlorinated biphenyl toxic equivalents from total polychlorinated biphenyl measurements in fish. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1622-1628. | 4.3 | 42 |
| 57 | 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 |
| 58 | 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. | 10.0 | 40 |
| 59 | Characterization of Naphthenic Acids by Gas Chromatography-Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 7666-7673. | 6.5 | 40 |
| 60 | Cooking fish is not effective in reducing exposure to perfluoroalkyl and polyfluoroalkyl substances. <i>Environment International</i> , 2014, 66, 107-114. | 10.0 | 40 |
| 61 | Polybrominated diphenyl ethers (PBDEs) in Great Lakes fish: Levels, patterns, trends and implications for human exposure. <i>Science of the Total Environment</i> , 2017, 576, 907-916. | 8.0 | 40 |
| 62 | Comparison of Atmospheric Pressure Ionization Gas Chromatography-Triple Quadrupole Mass Spectrometry to Traditional High-Resolution Mass Spectrometry for the Identification and Quantification of Halogenated Dioxins and Furans. <i>Analytical Chemistry</i> , 2015, 87, 7902-7908. | 6.5 | 38 |
| 63 | Determination of Halogenated Flame Retardants Using Gas Chromatography with Atmospheric Pressure Chemical Ionization (APCI) and a High-Resolution Quadrupole Time-of-Flight Mass Spectrometer (HRqTOFMS). <i>Analytical Chemistry</i> , 2016, 88, 11406-11411. | 6.5 | 38 |
| 64 | Lake-wide distribution and depositional history of current- and past-use persistent organic pollutants in Lake Simcoe, Ontario, Canada. <i>Journal of Great Lakes Research</i> , 2011, 37, 132-141. | 1.9 | 35 |
| 65 | Identification and determination of the dechlorination products of Dechlorane 602 in Great Lakes fish and Arctic beluga whales by gas chromatography-high resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2737-2748. | 3.7 | 35 |
| 66 | Organohalogen contaminants of emerging concern in Great Lakes fish: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2639-2658. | 3.7 | 35 |
| 67 | Identification and Occurrence of Analogues of Dechlorane 604 in Lake Ontario Sediment and their Accumulation in Fish. <i>Environmental Science & Technology</i> , 2014, 48, 11170-11177. | 10.0 | 34 |
| 68 | Environmental applications for the analysis of chlorinated dibenzo-p-dioxins and dibenzofurans using mass spectrometry/mass spectrometry. <i>Environmental Science & Technology</i> , 1991, 25, 110-117. | 10.0 | 33 |
| 69 | Temporal trends in polychlorinated dibenzo-p-dioxins and dibenzofurans, dioxin-like PCBs, and polybrominated diphenyl ethers in Niagara river suspended sediments. <i>Chemosphere</i> , 2007, 67, 1808-1815. | 8.2 | 32 |
| 70 | Spatial Distributions and Temporal Trends in Sediment Contamination in Lake St. Clair. <i>Journal of Great Lakes Research</i> , 2007, 33, 668. | 1.9 | 32 |
| 71 | Factors influencing trends of polychlorinated naphthalenes and other dioxin-like compounds in lake trout (<i>Salvelinus namaycush</i>) from Lake Ontario, North America (1979-2004). <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 921-930. | 4.3 | 32 |
| 72 | Evaluation of a single-stage consumable-free modulator for comprehensive two-dimensional gas chromatography: Analysis of polychlorinated biphenyls, organochlorine pesticides and chlorobenzenes. <i>Journal of Chromatography A</i> , 2015, 1391, 93-101. | 3.7 | 32 |

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|----|---|------|-----------|
| 73 | Analysis and occurrence of emerging chlorinated and brominated flame retardants in surficial sediment of the Dalian coastal area in China. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3104. | 2.1 | 30 |
| 74 | DEVELOPMENT OF AN ISOTOPE-DILUTION GAS CHROMATOGRAPHIC-MASS SPECTROMETRIC METHOD FOR THE ANALYSIS OF POLYCYCLIC AROMATIC COMPOUNDS IN ENVIRONMENTAL MATRICES. <i>Polycyclic Aromatic Compounds</i> , 2004, 24, 309-323. | 2.6 | 29 |
| 75 | Comprehensive characterization of the halogenated dibenzo-p-dioxin and dibenzofuran contents of residential fire debris using comprehensive two-dimensional gas chromatography coupled to time of flight mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1369, 138-146. | 3.7 | 29 |
| 76 | Differentiation of (Mixed) Halogenated Dibenzo- <i>p</i> -Dioxins by Negative Ion Atmospheric Pressure Chemical Ionization. <i>Analytical Chemistry</i> , 2016, 88, 5205-5211. | 6.5 | 27 |
| 77 | Evaluation and Interconversion of Various Indicator PCB Schemes for $\hat{=}$ PCB and Dioxin-Like PCB Toxic Equivalent Levels in Fish. <i>Environmental Science & Technology</i> , 2015, 49, 123-131. | 10.0 | 26 |
| 78 | A semi-quantitative approach for the rapid screening and mass profiling of naphthenic acids directly in contaminated aqueous samples. <i>Journal of Mass Spectrometry</i> , 2016, 51, 44-52. | 1.6 | 26 |
| 79 | Identification of Novel Brominated Compounds in Flame Retarded Plastics Containing TBBPA by Combining Isotope Pattern and Mass Defect Cluster Analysis. <i>Environmental Science & Technology</i> , 2017, 51, 1518-1526. | 10.0 | 26 |
| 80 | Potential of groundwater contamination by polybrominated diphenyl ethers (PBDEs) in a sensitive bedrock aquifer (Canada). <i>Hydrogeology Journal</i> , 2012, 20, 401-412. | 2.1 | 25 |
| 81 | Liquid chromatography-ion mobility-high resolution mass spectrometry for analysis of pollutants in indoor dust: Identification and predictive capabilities. <i>Analytica Chimica Acta</i> , 2020, 1125, 29-40. | 5.4 | 25 |
| 82 | Analysis of mixed halogenated dibenzo-p-dioxins and dibenzofurans (PXDD/PXDFs) in soil by gas chromatography tandem mass spectrometry (GC-MS/MS). <i>Chemosphere</i> , 2012, 87, 1063-1069. | 8.2 | 24 |
| 83 | Development of an in Situ NMR Photoreactor To Study Environmental Photochemistry. <i>Environmental Science & Technology</i> , 2016, 50, 5506-5516. | 10.0 | 24 |
| 84 | Patterns and sources of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in surficial sediments of Lakes Erie and Ontario. <i>Environmental Pollution</i> , 2008, 156, 515-525. | 7.5 | 23 |
| 85 | Initial Experience with 3% Sodium Tetradecyl Sulfate Foam and Fibered Coils for Management of Adolescent Varicocele. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 207-210. | 0.5 | 23 |
| 86 | Occurrence and sources of polychlorinated dibenzo-p-dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls in surficial sediments of Lakes Superior and Huron. <i>Environmental Pollution</i> , 2009, 157, 1210-1218. | 7.5 | 23 |
| 87 | Can polychlorinated biphenyl (PCB) signatures and enantiomer fractions be used for source identification and to age date occupational exposure?. <i>Environment International</i> , 2015, 81, 56-63. | 10.0 | 23 |
| 88 | Fast gas chromatography-atmospheric pressure (photo)ionization mass spectrometry of polybrominated diphenylether flame retardants. <i>Analytica Chimica Acta</i> , 2019, 1056, 70-78. | 5.4 | 23 |
| 89 | Compositional space: A guide for environmental chemists on the identification of persistent and bioaccumulative organics using mass spectrometry. <i>Environment International</i> , 2019, 132, 104808. | 10.0 | 23 |
| 90 | Temporal trends of halogenated and organophosphate contaminants in striped dolphins from the Mediterranean Sea. <i>Science of the Total Environment</i> , 2021, 753, 142205. | 8.0 | 23 |

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|-----|--|------|-----------|
| 91 | Halogenated organic contaminants of concern in urban-influenced waters of Lake Ontario, Canada: Passive sampling with targeted and non-targeted screening. <i>Environmental Pollution</i> , 2020, 264, 114733. | 7.5 | 22 |
| 92 | Thirty-Year Time Series of PCB Concentrations in a Small Invertivorous Fish (<i>Notropis Hudsonius</i>): An Examination of Post-1990 Trajectory Shifts in the Lower Great Lakes. <i>Ecosystems</i> , 2011, 14, 415-429. | 3.4 | 21 |
| 93 | Lithium an emerging contaminant: Bioavailability, effects on protein expression, and homeostasis disruption in short-term exposure of rainbow trout. <i>Aquatic Toxicology</i> , 2015, 161, 85-93. | 4.0 | 21 |
| 94 | Quantitative Analysis of Mixed Halogen Dioxins and Furans in Fire Debris Utilizing Atmospheric Pressure Ionization Gas Chromatography-Triple Quadrupole Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 10368-10377. | 6.5 | 21 |
| 95 | A comparison of fresh and used aircraft oil for the identification of toxic substances linked to aerotoxic syndrome. <i>Chemosphere</i> , 2016, 158, 116-123. | 8.2 | 21 |
| 96 | Evidence for Anaerobic Dechlorination of Dechlorane Plus in Sewage Sludge. <i>Environmental Science & Technology</i> , 2015, 49, 13862-13867. | 10.0 | 20 |
| 97 | Halogenated flame retardants in bobcats from the midwestern United States. <i>Environmental Pollution</i> , 2017, 221, 191-198. | 7.5 | 20 |
| 98 | Ion-dipole complexes in the unimolecular reactions of isolated organic ions. Effect of N-methylation on olefin and amine loss from protonated aliphatic amines. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1988, , 1009-1013. | 0.9 | 19 |
| 99 | Evidence for High Concentrations and Maternal Transfer of Substituted Diphenylamines in European Eels Analyzed by Two-Dimensional Gas Chromatography-Time-of-Flight Mass Spectrometry and Gas Chromatography-Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Environmental Science & Technology</i> , 2016, 50, 12678-12685. | 10.0 | 19 |
| 100 | Levels, patterns, trends and significance of polychlorinated naphthalenes (PCNs) in Great Lakes fish. <i>Science of the Total Environment</i> , 2018, 624, 499-508. | 8.0 | 19 |
| 101 | Improved coverage of naphthenic acid fraction compounds by comprehensive two-dimensional gas chromatography coupled with high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1536, 88-95. | 3.7 | 19 |
| 102 | A comparison of three mass spectrometric methods for the determination of dioxins/furans. <i>International Journal of Mass Spectrometry</i> , 2000, 194, 235-246. | 1.5 | 18 |
| 103 | The quantification of short-chain chlorinated paraffins in sediment samples using comprehensive two-dimensional gas chromatography with ¹⁴ ECD detection. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2065-2074. | 3.7 | 18 |
| 104 | High-resolution mass spectrometric determination of polychlorinated dibenzo-P-dioxins and dibenzofurans using an alternative lockmass system. <i>Analytical Chemistry</i> , 1988, 60, 1429-1433. | 6.5 | 17 |
| 105 | Maternal Transfer of Flame Retardants in Sharks from the Western North Atlantic Ocean. <i>Environmental Science & Technology</i> , 2018, 52, 12978-12986. | 10.0 | 17 |
| 106 | Polychlorinated dibenzo-p-dioxins and dibenzofurans and dioxinlike polychlorinated biphenyls in sediments and mussels at three sites in the lower Great Lakes, North America. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1908-1921. | 4.3 | 16 |
| 107 | Estimating sediment quality thresholds to prevent restrictions on fish consumption: Application to polychlorinated biphenyls and dioxins-furans in the Canadian Great Lakes. <i>Integrated Environmental Assessment and Management</i> , 2010, 6, 641-652. | 2.9 | 16 |
| 108 | Trends of legacy and emerging-issue contaminants in Lake Simcoe fishes. <i>Journal of Great Lakes Research</i> , 2011, 37, 148-159. | 1.9 | 16 |

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|-----|---|------|-----------|
| 109 | Occurrence and Fate of Trace Contaminants during Aerobic and Anaerobic Sludge Digestion and Dewatering. <i>Journal of Environmental Quality</i> , 2015, 44, 1193-1200. | 2.0 | 16 |
| 110 | The Niagara River mussel biomonitoring program (<i>Elliptio complanata</i>): 1983–2009. <i>Journal of Great Lakes Research</i> , 2011, 37, 213-225. | 1.9 | 15 |
| 111 | Liquid chromatography/atmospheric pressure photoionization tandem mass spectrometry for analysis of Dechloranes. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 436-442. | 1.5 | 15 |
| 112 | C ₁₂ -Bromo-Chloro Alkenes: Characterization of a Poorly Identified Flame Retardant and Potential Environmental Implications. <i>Environmental Science & Technology</i> , 2019, 53, 10835-10844. | 10.0 | 14 |
| 113 | Dioxins in Great Lakes fish: Past, present and implications for future monitoring. <i>Chemosphere</i> , 2019, 222, 479-488. | 8.2 | 14 |
| 114 | Polybrominated diphenyl ethers in sediment and caged mussels (<i>Elliptio complanata</i>) deployed in the Niagara River. <i>Chemosphere</i> , 2013, 92, 778-786. | 8.2 | 13 |
| 115 | A modified QuEChERS approach for the screening of dioxins and furans in sediments. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4043-4054. | 3.7 | 13 |
| 116 | Determination of polychlorinated biphenyls, organochlorine pesticides, chlorobenzenes in sludge and sediment samples by GC–GC/4ECD. <i>International Journal of Environmental Analytical Chemistry</i> , 2010, 90, 1-13. | 3.3 | 12 |
| 117 | Is mirex still a contaminant of concern for the North American Great Lakes?. <i>Journal of Great Lakes Research</i> , 2015, 41, 1114-1122. | 1.9 | 12 |
| 118 | Dechlorinated Analogues of Dechlorane Plus. <i>Environmental Science & Technology</i> , 2018, 52, 5619-5624. | 10.0 | 12 |
| 119 | Environmental levels and toxicological potencies of a novel mixed halogenated carbazole. <i>Emerging Contaminants</i> , 2016, 2, 166-172. | 4.9 | 11 |
| 120 | Liquid chromatography/tandem mass spectrometry for analysis of 1,2-dibromo-4-(1,2-dibromoethyl)cyclohexane (TBECHE) and 1,2,5,6-tetrabromocyclooctane (TBCO). <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 443-448. | 1.5 | 10 |
| 121 | Energy dependence of the fragmentation of haloanisole molecular ions. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1984, 58, 97-112. | 1.8 | 9 |
| 122 | Analysis of Polycyclic Aromatic Compounds Using Microbore Columns. <i>Polycyclic Aromatic Compounds</i> , 2002, 22, 301-310. | 2.6 | 9 |
| 123 | Response to the comment on “Halogenated indigo dyes: A likely source of 1,3,6,8-tetrabromocarbazole and some other halogenated carbazoles in the environment”. <i>Chemosphere</i> , 2016, 150, 414-415. | 8.2 | 7 |
| 124 | Polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans associated with settling particles in Lake Ontario. <i>Chemosphere</i> , 2018, 212, 983-993. | 8.2 | 7 |
| 125 | Activated clotting time as a screening test prior to catheter-based cardiovascular procedures. <i>Catheterization and Cardiovascular Interventions</i> , 2001, 54, 191-195. | 1.7 | 6 |
| 126 | Evaluation of multiple alternative instrument platforms for targeted and non-targeted dioxin and furan analysis. <i>Journal of Mass Spectrometry</i> , 2018, 53, 504-510. | 1.6 | 6 |

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|-----|--|-----|-----------|
| 127 | Energy redistribution following proton transfer chemical ionization. <i>Organic Mass Spectrometry</i> , 1984, 19, 343-344. | 1.3 | 5 |
| 128 | Analytical Methodology of POPs. , 2014, , 59-139. | | 5 |
| 129 | Analysis of Polycyclic Aromatic Compounds Using Microbore Columns. <i>Polycyclic Aromatic Compounds</i> , 2002, 22, 301-310. | 2.6 | 5 |
| 130 | Polychlorinated dibenzo-p-dioxins and dibenzofurans and dioxinlike polychlorinated biphenyls in sediments and mussels at three sites in the lower Great Lakes, North America. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1908-21. | 4.3 | 4 |
| 131 | Analysis of Dioxin and Dioxin-Like Compounds. <i>Handbook of Environmental Chemistry</i> , 2016, , 51-94. | 0.4 | 2 |
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| 133 | Emerging and Persistent Environmental Compound Analysis. , 2012, , 647-677. | | 1 |
| 134 | Response to the Comment on Comparison of Atmospheric Pressure Ionization Gas Chromatography-Triple Quadrupole Mass Spectrometry to Traditional High-Resolution Mass Spectrometry for the Identification and Quantification of Halogenated Dioxins and Furans. <i>Analytical Chemistry</i> , 2015, 87, 11166-11166. | 6.5 | 0 |