

Peter F Decarlo

List of Publications by Year in descending order

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113
papers

27,273
citations

16451

64
h-index

20961

115
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177
all docs

177
docs citations

177
times ranked

10015
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Evolution of Organic Aerosols in the Atmosphere. <i>Science</i> , 2009, 326, 1525-1529. | 12.6 | 3,374 |
| 2 | Field-Deployable, High-Resolution, Time-of-Flight Aerosol Mass Spectrometer. <i>Analytical Chemistry</i> , 2006, 78, 8281-8289. | 6.5 | 1,968 |
| 3 | Ubiquity and dominance of oxygenated species in organic aerosols in anthropogenically influenced Northern Hemisphere midlatitudes. <i>Geophysical Research Letters</i> , 2007, 34, . | 4.0 | 1,773 |
| 4 | Chemical and microphysical characterization of ambient aerosols with the aerodyne aerosol mass spectrometer. <i>Mass Spectrometry Reviews</i> , 2007, 26, 185-222. | 5.4 | 1,708 |
| 5 | O/C and OM/OC Ratios of Primary, Secondary, and Ambient Organic Aerosols with High-Resolution Time-of-Flight Aerosol Mass Spectrometry. <i>Environmental Science & Technology</i> , 2008, 42, 4478-4485. | 10.0 | 1,524 |
| 6 | Organic aerosol components observed in Northern Hemispheric datasets from Aerosol Mass Spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 4625-4641. | 4.9 | 908 |
| 7 | Particle Morphology and Density Characterization by Combined Mobility and Aerodynamic Diameter Measurements. Part 1: Theory. <i>Aerosol Science and Technology</i> , 2004, 38, 1185-1205. | 3.1 | 811 |
| 8 | A New Time-of-Flight Aerosol Mass Spectrometer (TOF-AMS) Instrument Description and First Field Deployment. <i>Aerosol Science and Technology</i> , 2005, 39, 637-658. | 3.1 | 719 |
| 9 | Absorption Angstrom Exponent in AERONET and related data as an indicator of aerosol composition. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 1155-1169. | 4.9 | 554 |
| 10 | Mexico City aerosol analysis during MILAGRO using high resolution aerosol mass spectrometry at the urban supersite (T0) Part 1: Fine particle composition and organic source apportionment. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 6633-6653. | 4.9 | 525 |
| 11 | Elemental Analysis of Organic Species with Electron Ionization High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 8350-8358. | 6.5 | 490 |
| 12 | Identification and quantification of organic aerosol from cooking and other sources in Barcelona using aerosol mass spectrometer data. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1649-1665. | 4.9 | 449 |
| 13 | Emissions from biomass burning in the Yucatan. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 5785-5812. | 4.9 | 433 |
| 14 | A simplified description of the evolution of organic aerosol composition in the atmosphere. <i>Geophysical Research Letters</i> , 2010, 37, . | 4.0 | 412 |
| 15 | Fast airborne aerosol size and chemistry measurements above Mexico City and Central Mexico during the MILAGRO campaign. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 4027-4048. | 4.9 | 411 |
| 16 | Pollutant Emissions and Energy Efficiency under Controlled Conditions for Household Biomass Cookstoves and Implications for Metrics Useful in Setting International Test Standards. <i>Environmental Science & Technology</i> , 2012, 46, 10827-10834. | 10.0 | 404 |
| 17 | Wintertime aerosol chemical composition and source apportionment of the organic fraction in the metropolitan area of Paris. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 961-981. | 4.9 | 391 |
| 18 | Characterization of ambient aerosols in Mexico City during the MCMA-2003 campaign with Aerosol Mass Spectrometry: results from the CENICA Supersite. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 925-946. | 4.9 | 341 |

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|----|--|------|-----------|
| 19 | Modeling organic aerosols in a megacity: potential contribution of semi-volatile and intermediate volatility primary organic compounds to secondary organic aerosol formation. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 5491-5514. | 4.9 | 340 |
| 20 | Relating hygroscopicity and composition of organic aerosol particulate matter. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 1155-1165. | 4.9 | 326 |
| 21 | Investigation of the sources and processing of organic aerosol over the Central Mexican Plateau from aircraft measurements during MILAGRO. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 5257-5280. | 4.9 | 325 |
| 22 | Organic aerosol components derived from 25 AMS data sets across Europe using a consistent ME-2 based source apportionment approach. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 6159-6176. | 4.9 | 308 |
| 23 | Chemically-resolved aerosol volatility measurements from two megacity field studies. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 7161-7182. | 4.9 | 289 |
| 24 | Apportionment of Primary and Secondary Organic Aerosols in Southern California during the 2005 Study of Organic Aerosols in Riverside (SOAR-1). <i>Environmental Science & Technology</i> , 2008, 42, 7655-7662. | 10.0 | 273 |
| 25 | Loading-dependent elemental composition of α -pinene SOA particles. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 771-782. | 4.9 | 272 |
| 26 | Importance of secondary sources in the atmospheric budgets of formic and acetic acids. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 1989-2013. | 4.9 | 266 |
| 27 | Characterization of aerosol chemical composition with aerosol mass spectrometry in Central Europe: an overview. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10453-10471. | 4.9 | 261 |
| 28 | Particle Morphology and Density Characterization by Combined Mobility and Aerodynamic Diameter Measurements. Part 1: Theory. <i>Aerosol Science and Technology</i> , 2004, 38, 1185-1205. | 3.1 | 254 |
| 29 | Aging of biogenic secondary organic aerosol via gas-phase OH radical reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13503-13508. | 7.1 | 251 |
| 30 | Exploring the vertical profile of atmospheric organic aerosol: comparing 17 aircraft field campaigns with a global model. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12673-12696. | 4.9 | 240 |
| 31 | Organic aerosol formation in urban and industrial plumes near Houston and Dallas, Texas. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 230 |
| 32 | Investigations of primary and secondary particulate matter of different wood combustion appliances with a high-resolution time-of-flight aerosol mass spectrometer. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 5945-5957. | 4.9 | 215 |
| 33 | Particle Morphology and Density Characterization by Combined Mobility and Aerodynamic Diameter Measurements. Part 2: Application to Combustion-Generated Soot Aerosols as a Function of Fuel Equivalence Ratio. <i>Aerosol Science and Technology</i> , 2004, 38, 1206-1222. | 3.1 | 212 |
| 34 | Mexico city aerosol analysis during MILAGRO using high resolution aerosol mass spectrometry at the urban supersite (TO) – Part 2: Analysis of the biomass burning contribution and the non-fossil carbon fraction. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 5315-5341. | 4.9 | 182 |
| 35 | Ubiquity of organic nitrates from nighttime chemistry in the European submicron aerosol. <i>Geophysical Research Letters</i> , 2016, 43, 7735-7744. | 4.0 | 182 |
| 36 | Impact of aftertreatment devices on primary emissions and secondary organic aerosol formation potential from in-use diesel vehicles: results from smog chamber experiments. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11545-11563. | 4.9 | 178 |

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|----|---|------|-----------|
| 37 | Black carbon physical properties and mixing state in the European megacity Paris. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 5831-5856. | 4.9 | 174 |
| 38 | A missing source of aerosols in Antarctica â€œ beyond long-range transport, phytoplankton, and photochemistry. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 1-20. | 4.9 | 173 |
| 39 | Evolution of Asian aerosols during transpacific transport in INTEX-B. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 7257-7287. | 4.9 | 170 |
| 40 | Identification of marine and continental aerosol sources in Paris using high resolution aerosol mass spectrometry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 1950-1963. | 3.3 | 142 |
| 41 | Overview of HOMEChem: House Observations of Microbial and Environmental Chemistry. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1280-1300. | 3.5 | 140 |
| 42 | Evaluating simulated primary anthropogenic and biomass burning organic aerosols during MILAGRO: implications for assessing treatments of secondary organic aerosols. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 6191-6215. | 4.9 | 138 |
| 43 | Biomass burning and urban air pollution over the Central Mexican Plateau. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 4929-4944. | 4.9 | 138 |
| 44 | Changes of hygroscopicity and morphology during ageing of diesel soot. <i>Environmental Research Letters</i> , 2011, 6, 034026. | 5.2 | 138 |
| 45 | Aged organic aerosol in the Eastern Mediterranean: the Finokalia Aerosol Measurement Experiment â€œ 2008. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 4167-4186. | 4.9 | 132 |
| 46 | Nepal Ambient Monitoring and Source Testing Experiment (NAMaSTE): emissions of trace gases and light-absorbing carbon from wood and dung cooking fires, garbage and crop residue burning, brick kilns, and other sources. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11043-11081. | 4.9 | 131 |
| 47 | The 2005 Study of Organic Aerosols at Riverside (SOAR-1): instrumental intercomparisons and fine particle composition. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12387-12420. | 4.9 | 129 |
| 48 | Indoor Particulate Matter during HOMEChem: Concentrations, Size Distributions, and Exposures. <i>Environmental Science & Technology</i> , 2020, 54, 7107-7116. | 10.0 | 127 |
| 49 | Design and Operation of a Pressure-Controlled Inlet for Airborne Sampling with an Aerodynamic Aerosol Lens. <i>Aerosol Science and Technology</i> , 2008, 42, 465-471. | 3.1 | 122 |
| 50 | Prediction of cloud condensation nucleus number concentration using measurements of aerosol size distributions and composition and light scattering enhancement due to humidity. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 119 |
| 51 | Volatility and hygroscopicity of aging secondary organic aerosol in a smog chamber. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 11477-11496. | 4.9 | 119 |
| 52 | OH clock determination by proton transfer reaction mass spectrometry at an environmental chamber. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 647-656. | 3.1 | 114 |
| 53 | Investigation of the correlation between odd oxygen and secondary organic aerosol in Mexico City and Houston. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 8947-8968. | 4.9 | 107 |
| 54 | Nepal Ambient Monitoring and Source Testing Experiment (NAMaSTE): emissions of particulate matter from wood- and dung-fueled cooking fires, garbage and crop residue burning, brick kilns, and other sources. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2259-2286. | 4.9 | 106 |

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|----|---|------|-----------|
| 55 | Surface reservoirs dominate dynamic gas-surface partitioning of many indoor air constituents. <i>Science Advances</i> , 2020, 6, eaay8973. | 10.3 | 105 |
| 56 | Measured and modelled cloud condensation nuclei number concentration at the high alpine site Jungfrauoch. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 7891-7906. | 4.9 | 104 |
| 57 | Observations of heterogeneous reactions between Asian pollution and mineral dust over the Eastern North Pacific during INTEX-B. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 8283-8308. | 4.9 | 99 |
| 58 | Primary and secondary organic aerosol origin by combined gas-particle phase source apportionment. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8411-8426. | 4.9 | 96 |
| 59 | Total observed organic carbon (TOOC) in the atmosphere: a synthesis of North American observations. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 2007-2025. | 4.9 | 94 |
| 60 | Measured and predicted aerosol light scattering enhancement factors at the high alpine site Jungfrauoch. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 2319-2333. | 4.9 | 92 |
| 61 | Airborne cloud condensation nuclei measurements during the 2006 Texas Air Quality Study. <i>Journal of Geophysical Research</i> , 2011, 116, . | 3.3 | 91 |
| 62 | Modeling the Multiday Evolution and Aging of Secondary Organic Aerosol During MILAGRO 2006. <i>Environmental Science & Technology</i> , 2011, 45, 3496-3503. | 10.0 | 90 |
| 63 | Source apportionment of size and time resolved trace elements and organic aerosols from an urban courtyard site in Switzerland. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 8945-8963. | 4.9 | 90 |
| 64 | Multiphase Chemistry Controls Inorganic Chlorinated and Nitrogenated Compounds in Indoor Air during Bleach Cleaning. <i>Environmental Science & Technology</i> , 2020, 54, 1730-1739. | 10.0 | 87 |
| 65 | Impact of Mexico City emissions on regional air quality from MOZART-4 simulations. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 6195-6212. | 4.9 | 82 |
| 66 | Cloud Activating Properties of Aerosol Observed during CELTIC. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 441-459. | 1.7 | 81 |
| 67 | Measurement of the ambient organic aerosol volatility distribution: application during the Finokalia Aerosol Measurement Experiment (FAME-2008). <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 12149-12160. | 4.9 | 81 |
| 68 | Aerosol optical properties relevant to regional remote sensing of CCN activity and links to their organic mass fraction: airborne observations over Central Mexico and the US West Coast during MILAGRO/INTEX-B. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 6727-6742. | 4.9 | 76 |
| 69 | Aerosol and trace gas vehicle emission factors measured in a tunnel using an Aerosol Mass Spectrometer and other on-line instrumentation. <i>Atmospheric Environment</i> , 2011, 45, 2182-2192. | 4.1 | 73 |
| 70 | Thirdhand smoke uptake to aerosol particles in the indoor environment. <i>Science Advances</i> , 2018, 4, eaap8368. | 10.3 | 69 |
| 71 | Evaluation of the particle measurement programme (PMP) protocol to remove the vehicles' exhaust aerosol volatile phase. <i>Science of the Total Environment</i> , 2010, 408, 5106-5116. | 8.0 | 65 |
| 72 | Oxidative Potential of Logwood and Pellet Burning Particles Assessed by a Novel Profluorescent Nitroxide Probe. <i>Environmental Science & Technology</i> , 2010, 44, 6601-6607. | 10.0 | 63 |

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|----|--|------|-----------|
| 73 | Real-time transformation of outdoor aerosol components upon transport indoors measured with aerosol mass spectrometry. <i>Indoor Air</i> , 2017, 27, 230-240. | 4.3 | 60 |
| 74 | Secondary organic aerosols from anthropogenic volatile organic compounds contribute substantially to air pollution mortality. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11201-11224. | 4.9 | 60 |
| 75 | Aqueous phase processing of secondary organic aerosol from isoprene photooxidation. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5879-5895. | 4.9 | 59 |
| 76 | Observations and Contributions of Real-Time Indoor Ammonia Concentrations during HOMEChem. <i>Environmental Science & Technology</i> , 2019, 53, 8591-8598. | 10.0 | 59 |
| 77 | Spatial variation of chemical composition and sources of submicron aerosol in Zurich during wintertime using mobile aerosol mass spectrometer data. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7465-7482. | 4.9 | 58 |
| 78 | Relating cloud condensation nuclei activity and oxidation level of α -pinene secondary organic aerosols. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a. | 3.3 | 57 |
| 79 | Time-Resolved Characterization of Primary Emissions from Residential Wood Combustion Appliances. <i>Environmental Science & Technology</i> , 2012, 46, 11418-11425. | 10.0 | 57 |
| 80 | Atmospheric Emission Characterization of Marcellus Shale Natural Gas Development Sites. <i>Environmental Science & Technology</i> , 2015, 49, 7012-7020. | 10.0 | 57 |
| 81 | Organic molecular markers and signature from wood combustion particles in winter ambient aerosols: aerosol mass spectrometer (AMS) and high time-resolved GC-MS measurements in Augsburg, Germany. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 6113-6128. | 4.9 | 52 |
| 82 | Demonstration of a VUV Lamp Photoionization Source for Improved Organic Speciation in an Aerosol Mass Spectrometer. <i>Aerosol Science and Technology</i> , 2007, 41, 828-839. | 3.1 | 50 |
| 83 | Surface Emissions Modulate Indoor SVOC Concentrations through Volatility-Dependent Partitioning. <i>Environmental Science & Technology</i> , 2020, 54, 6751-6760. | 10.0 | 43 |
| 84 | Ambient air quality in the Kathmandu Valley, Nepal, during the pre-monsoon: concentrations and sources of particulate matter and trace gases. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 2927-2951. | 4.9 | 40 |
| 85 | Online characterization of regulated and unregulated gaseous and particulate exhaust emissions from two-stroke mopeds: A chemometric approach. <i>Analytica Chimica Acta</i> , 2012, 717, 28-38. | 5.4 | 39 |
| 86 | Speciated online PM ₁ from South Asian combustion sources – Part 1: Fuel-based emission factors and size distributions. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14653-14679. | 4.9 | 38 |
| 87 | Seasonal variation in aerosol composition and concentration upon transport from the outdoor to indoor environment. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 528-547. | 3.5 | 36 |
| 88 | Dark Chemistry during Bleach Cleaning Enhances Oxidation of Organics and Secondary Organic Aerosol Production Indoors. <i>Environmental Science and Technology Letters</i> , 2020, 7, 795-801. | 8.7 | 35 |
| 89 | A new method to discriminate secondary organic aerosols from different sources using high-resolution aerosol mass spectra. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2189-2203. | 4.9 | 32 |
| 90 | Human occupant contribution to secondary aerosol mass in the indoor environment. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1301-1312. | 3.5 | 32 |

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|-----|---|------|-----------|
| 91 | Chemical transport models often underestimate inorganic aerosol acidity in remote regions of the atmosphere. <i>Communications Earth & Environment</i> , 2021, 2, . | 6.8 | 32 |
| 92 | Real-time organic aerosol chemical speciation in the indoor environment using extractive electrospray ionization mass spectrometry. <i>Indoor Air</i> , 2021, 31, 141-155. | 4.3 | 29 |
| 93 | Spatial and temporal scales of variability for indoor air constituents. <i>Communications Chemistry</i> , 2021, 4, . | 4.5 | 26 |
| 94 | Analysis of local-scale background concentrations of methane and other gas-phase species in the Marcellus Shale. <i>Elementa</i> , 2017, 5, . | 3.2 | 25 |
| 95 | Spatial Variation of Aerosol Chemical Composition and Organic Components Identified by Positive Matrix Factorization in the Barcelona Region. <i>Environmental Science & Technology</i> , 2015, 49, 10421-10430. | 10.0 | 24 |
| 96 | Application of Modern Online Instrumentation for Chemical Analysis of Gas and Particulate Phases of Exhaust at the European Commission Heavy-Duty Vehicle Emission Laboratory. <i>Analytical Chemistry</i> , 2011, 83, 67-76. | 6.5 | 21 |
| 97 | Chemical and Physical Characterization of 3D Printer Aerosol Emissions with and without a Filter Attachment. <i>Environmental Science & Technology</i> , 2020, 54, 947-954. | 10.0 | 21 |
| 98 | Indoor aerosol water content and phase state in U.S. residences: impacts of relative humidity, aerosol mass and composition, and mechanical system operation. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2031-2057. | 3.5 | 20 |
| 99 | Quantification of cooking organic aerosol in the indoor environment using aerodyne aerosol mass spectrometers. <i>Aerosol Science and Technology</i> , 2021, 55, 1099-1114. | 3.1 | 20 |
| 100 | The importance of blowing snow to halogen-containing aerosol in coastal Antarctica: influence of source region versus wind speed. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16689-16711. | 4.9 | 19 |
| 101 | Large Emissions of Low-Volatility Siloxanes during Residential Oven Use. <i>Environmental Science and Technology Letters</i> , 2021, 8, 519-524. | 8.7 | 16 |
| 102 | Source and Chemistry of Hydroxymethanesulfonate (HMS) in Fairbanks, Alaska. <i>Environmental Science & Technology</i> , 2022, 56, 7657-7667. | 10.0 | 14 |
| 103 | Contrasting Chemical Complexity and the Reactive Organic Carbon Budget of Indoor and Outdoor Air. <i>Environmental Science & Technology</i> , 2022, 56, 109-118. | 10.0 | 13 |
| 104 | Contribution of methane to aerosol carbon mass. <i>Atmospheric Environment</i> , 2016, 141, 41-47. | 4.1 | 12 |
| 105 | Emerging investigator series: chemical and physical properties of organic mixtures on indoor surfaces during HOMEChem. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 559-568. | 3.5 | 12 |
| 106 | Wintertime Air Quality in Lumbini, Nepal: Sources of Fine Particle Organic Carbon. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 226-238. | 2.7 | 11 |
| 107 | Recent Developments in the Mass Spectrometry of Atmospheric Aerosols. <i>European Journal of Mass Spectrometry</i> , 2010, 16, 389-395. | 1.0 | 10 |
| 108 | Indoor black carbon and brown carbon concentrations from cooking and outdoor penetration: insights from the HOMEChem study. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1476-1487. | 3.5 | 10 |

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|-----|--|------|-----------|
| 109 | Improving Predictions of Indoor Aerosol Concentrations of Outdoor Origin by Considering the Phase Change of Semivolatile Material Driven by Temperature and Mass-Loading Gradients. <i>Environmental Science & Technology</i> , 2021, 55, 9000-9011. | 10.0 | 10 |
| 110 | Modeling the Removal of Water-Soluble Trace Gases from Indoor Air via Air Conditioner Condensate. <i>Environmental Science & Technology</i> , 2021, 55, 10987-10993. | 10.0 | 8 |
| 111 | Urban Emissions of Nitrogen Oxides, Carbon Monoxide, and Methane Determined from Ground-Based Measurements in Philadelphia. <i>Environmental Science & Technology</i> , 2021, 55, 4532-4541. | 10.0 | 7 |
| 112 | Pre-monsoon submicron aerosol composition and source contribution in the Kathmandu Valley, Nepal. <i>Environmental Science Atmospheres</i> , 2022, 2, 978-999. | 2.4 | 4 |
| 113 | CFC-11 measurements in China, Nepal, Pakistan, Saudi Arabia and South Korea (1998–2018): Urban, landfill fire and garbage burning sources. <i>Environmental Chemistry</i> , 2022, 18, 370-392. | 1.5 | 0 |