List of Publications by Year in descending order

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| | 10070 | 27587 |
|----------------|--|---|
| 17,338 | 75 | 110 |
| citations | h-index | g-index |
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| | | |
| | | |
| 327 | 327 | 10567 |
| docs citations | times ranked | citing authors |
| | | |
| | 17,338 citations 327 docs citations | 17,33875citationsh-index327327docs citations327times ranked |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | lodine emission from the reactive uptake of ozone to simulated seawater. Environmental Sciences: Processes and Impacts, 2023, 25, 254-263. | 1.7 | 2 |
| 2 | Thirdhand smoke from tobacco, e-cigarettes, cannabis, methamphetamine and cocaine: Partitioning, reactive fate, and human exposure in indoor environments. Environment International, 2022, 160, 107063. | 4.8 | 21 |
| 3 | Wildfire atmospheric chemistry: climate and air quality impacts. Trends in Chemistry, 2022, 4, 255-257. | 4.4 | 8 |
| 4 | How should we define an indoor surface?. Indoor Air, 2022, 32, e12955. | 2.0 | 11 |
| 5 | Photoreaction of biomass burning brown carbon aerosol particles. Environmental Science Atmospheres, 2022, 2, 270-278. | 0.9 | 5 |
| 6 | A New Approach to Characterizing the Partitioning of Volatile Organic Compounds to Cotton Fabric. Environmental Science & Technology, 2022, 56, 3365-3374. | 4.6 | 13 |
| 7 | Contrasting Chemical Complexity and the Reactive Organic Carbon Budget of Indoor and Outdoor Air. Environmental Science & Technology, 2022, 56, 109-118. | 4.6 | 13 |
| 8 | Measurement report: Introduction to the HyICE-2018 campaign for measurements of ice-nucleating particles and instrument inter-comparison in the HyytiÃktoreal forest. Atmospheric Chemistry and Physics, 2022, 22, 5117-5145. | 1.9 | 4 |
| 9 | Behavior of Isocyanic Acid and Other Nitrogen-Containing Volatile Organic Compounds in The Indoor Environment. Environmental Science & Technology, 2022, 56, 7598-7607. | 4.6 | 9 |
| 10 | Gas- and Particle-Phase Amide Emissions from Cooking: Mechanisms and Air Quality Impacts. Environmental Science & Technology, 2022, 56, 7741-7750. | 4.6 | 11 |
| 11 | Multiphase Ozonolysis of Oleic Acid-Based Lipids: Quantitation of Major Products and Kinetic Multilayer Modeling. Environmental Science & Technology, 2022, 56, 7716-7728. | 4.6 | 14 |
| 12 | Characterizing the hygroscopicity of growing particles in the Canadian Arctic summer. Atmospheric Chemistry and Physics, 2022, 22, 8059-8071. | 1.9 | 7 |
| 13 | Ozonolysis Lifetime of Tetrahydrocannabinol in Thirdhand Cannabis Smoke. Environmental Science and Technology Letters, 2022, 9, 599-603. | 3.9 | 5 |
| 14 | Formation of Gas-Phase Hydrogen Peroxide via Multiphase Ozonolysis of Unsaturated Lipids. Environmental Science and Technology Letters, 2021, 8, 114-120. | 3.9 | 24 |
| 15 | Multiphase Oxidation of Sulfur Dioxide in Aerosol Particles: Implications for Sulfate Formation in Polluted Environments. Environmental Science & amp; Technology, 2021, 55, 4227-4242. | 4.6 | 88 |
| 16 | Aging of Atmospheric Brown Carbon Aerosol. ACS Earth and Space Chemistry, 2021, 5, 722-748. | 1.2 | 87 |
| 17 | Elemental analysis of oxygenated organic coating on black carbon particles using a soot-particle aerosol mass spectrometer. Atmospheric Measurement Techniques, 2021, 14, 2799-2812. | 1.2 | 5 |
| 18 | Chemical composition and source attribution of sub-micrometre aerosol particles in the summertime Arctic lower troposphere. Atmospheric Chemistry and Physics, 2021, 21, 6509-6539. | 1.9 | 5 |

| # | Article | IF | CITATIONS |
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| 19 | Heterogeneous interactions between SO ₂ and organic peroxides in submicron aerosol. Atmospheric Chemistry and Physics, 2021, 21, 6647-6661. | 1.9 | 24 |
| 20 | Atmospheric ozone and pandemic lockdowns. Science, 2021, 372, 1162.8-1163. | 6.0 | 0 |
| 21 | Liquid crystal display screens as a source for indoor volatile organic compounds. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 26 |
| 22 | Spatial and temporal scales of variability for indoor air constituents. Communications Chemistry, 2021, 4, . | 2.0 | 26 |
| 23 | Modeling the Removal of Water-Soluble Trace Gases from Indoor Air via Air Conditioner Condensate. Environmental Science & Technology, 2021, 55, 10987-10993. | 4.6 | 8 |
| 24 | Oxidation of sulfur dioxide by nitrogen dioxide accelerated at the interface of deliquesced aerosol particles. Nature Chemistry, 2021, 13, 1173-1177. | 6.6 | 72 |
| 25 | Air Quality Data Approach for Defining Wildfire Influence: Impacts on PM _{2.5} , NO ₂ , CO, and O ₃ in Western Canadian Cities. Environmental Science & Technology, 2021, 55, 13709-13717. | 4.6 | 18 |
| 26 | Indoor Air Quality Through the Lens of Outdoor Atmospheric Chemistry. , 2021, , 1-17. | | 0 |
| 27 | Diffusion Coefficients and Mixing Times of Organic Molecules in β-Caryophyllene Secondary Organic Aerosol (SOA) and Biomass Burning Organic Aerosol (BBOA). ACS Earth and Space Chemistry, 2021, 5, 3268-3278. | 1.2 | 6 |
| 28 | Indirect Measurements of the Composition of Ultrafine Particles in the Arctic Lateâ€Winter. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035428. | 1.2 | 2 |
| 29 | The atmospheric chemistry of indoor environments. Environmental Sciences: Processes and Impacts, 2020, 22, 25-48. | 1.7 | 107 |
| 30 | Fast oxidation of sulfur dioxide by hydrogen peroxide in deliquesced aerosol particles. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1354-1359. | 3.3 | 142 |
| 31 | Emerging investigator series: heterogeneous OH oxidation of primary brown carbon aerosol: effects of relative humidity and volatility. Environmental Sciences: Processes and Impacts, 2020, 22, 2162-2171. | 1.7 | 14 |
| 32 | Cooking, Bleach Cleaning, and Air Conditioning Strongly Impact Levels of HONO in a House. Environmental Science & Technology, 2020, 54, 13488-13497. | 4.6 | 27 |
| 33 | Ice Nucleation Ability of Tree Pollen Altered by Atmospheric Processing. ACS Earth and Space Chemistry, 2020, 4, 2312-2319. | 1.2 | 11 |
| 34 | A biogenic secondary organic aerosol source of cirrus ice nucleating particles. Nature Communications, 2020, 11, 4834. | 5.8 | 45 |
| 35 | Dark Chemistry during Bleach Cleaning Enhances Oxidation of Organics and Secondary Organic Aerosol Production Indoors. Environmental Science and Technology Letters, 2020, 7, 795-801. | 3.9 | 35 |
| 36 | Reactive Uptake of Ozone to Simulated Seawater: Evidence for Iodide Depletion. Journal of Physical Chemistry A, 2020, 124, 9844-9853. | 1.1 | 6 |

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| 37 | Chemical Composition, Spatial Homogeneity, and Growth of Indoor Surface Films. Environmental Science & Technology, 2020, 54, 14372-14379. | 4.6 | 28 |
| 38 | Heterogeneous Ozonolysis of Tetrahydrocannabinol: Implications for Thirdhand Cannabis Smoke. Environmental Science & Technology, 2020, 54, 14215-14223. | 4.6 | 10 |
| 39 | lce nucleating behavior of different tree pollen in the immersion mode. Atmospheric Environment, 2020, 231, 117488. | 1.9 | 26 |
| 40 | Aqueous Photoreactions of Wood Smoke Brown Carbon. ACS Earth and Space Chemistry, 2020, 4, 1149-1160. | 1.2 | 39 |
| 41 | Condensation/immersion mode ice-nucleating particles in a boreal environment. Atmospheric Chemistry and Physics, 2020, 20, 6687-6706. | 1.9 | 9 |
| 42 | Surface reservoirs dominate dynamic gas-surface partitioning of many indoor air constituents. Science Advances, 2020, 6, eaay8973. | 4.7 | 105 |
| 43 | An Experimental Assessment of the Importance of S(IV) Oxidation by Hypohalous Acids in the Marine Atmosphere. Geophysical Research Letters, 2020, 47, e2019GL086465. | 1.5 | 13 |
| 44 | Multiphase Chemistry Controls Inorganic Chlorinated and Nitrogenated Compounds in Indoor Air during Bleach Cleaning. Environmental Science & Technology, 2020, 54, 1730-1739. | 4.6 | 87 |
| 45 | Vertical profiles of light absorption and scattering associated with black carbon particle fractions in the springtime Arctic above 79° N. Atmospheric Chemistry and Physics, 2020, 20, 10545-10563. | 1.9 | 9 |
| 46 | Organic Peroxides and Sulfur Dioxide in Aerosol: Source of Particulate Sulfate. Environmental Science & Technology, 2019, 53, 10695-10704. | 4.6 | 53 |
| 47 | Revisiting properties and concentrations of ice-nucleating particles in the sea surface microlayer and bulk seawater in the Canadian Arctic during summer. Atmospheric Chemistry and Physics, 2019, 19, 7775-7787. | 1.9 | 38 |
| 48 | Contribution of Charge-Transfer Complexes to Absorptivity of Primary Brown Carbon Aerosol. ACS Earth and Space Chemistry, 2019, 3, 1393-1401. | 1.2 | 23 |
| 49 | Kinetics and Condensed-Phase Products in Multiphase Ozonolysis of an Unsaturated Triglyceride. Environmental Science & Technology, 2019, 53, 12467-12475. | 4.6 | 52 |
| 50 | A large contribution of anthropogenic organo-nitrates to secondary organic aerosol in the Alberta oil sands. Atmospheric Chemistry and Physics, 2019, 19, 12209-12219. | 1.9 | 18 |
| 51 | Light Absorption by Ambient Black and Brown Carbon and its Dependence on Black Carbon Coating State for Two California, USA, Cities in Winter and Summer. Journal of Geophysical Research D: Atmospheres, 2019, 124, 1550-1577. | 1.2 | 99 |
| 52 | Indoor boundary layer chemistry modeling. Indoor Air, 2019, 29, 956-967. | 2.0 | 17 |
| 53 | Formation of Secondary Organic Aerosol from the Heterogeneous Oxidation by Ozone of a Phytoplankton Culture. ACS Earth and Space Chemistry, 2019, 3, 2298-2306. | 1.2 | 14 |
| 54 | Indoor Illumination of Terpenes and Bleach Emissions Leads to Particle Formation and Growth. Environmental Science & Technology, 2019, 53, 11792-11800. | 4.6 | 47 |

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| 55 | High Arctic aircraft measurements characterising black carbon vertical variability in spring and summer. Atmospheric Chemistry and Physics, 2019, 19, 2361-2384. | 1.9 | 42 |
| 56 | Multiphase reactivity of polycyclic aromatic hydrocarbons is driven by phase separation and diffusion limitations. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11658-11663. | 3.3 | 86 |
| 57 | Field evaluation of a Portable Fine Particle Concentrator (PFPC) for ice nucleating particle measurements. Aerosol Science and Technology, 2019, 53, 1067-1078. | 1.5 | 9 |
| 58 | Relative humidity effect on the formation of highly oxidized molecules and new particles during monoterpene oxidation. Atmospheric Chemistry and Physics, 2019, 19, 1555-1570. | 1.9 | 39 |
| 59 | Arctic marine secondary organic aerosol contributes significantly to summertime particle size distributions in the Canadian Arctic Archipelago. Atmospheric Chemistry and Physics, 2019, 19, 2787-2812. | 1.9 | 38 |
| 60 | Sources of isocyanic acid (HNCO) indoors: a focus on cigarette smoke. Environmental Sciences: Processes and Impacts, 2019, 21, 1334-1341. | 1.7 | 14 |
| 61 | Ice nucleating particles in the marine boundary layer in the Canadian Arctic during summer 2014. Atmospheric Chemistry and Physics, 2019, 19, 1027-1039. | 1.9 | 48 |
| 62 | Overview paper: New insights into aerosol and climate in the Arctic. Atmospheric Chemistry and Physics, 2019, 19, 2527-2560. | 1.9 | 134 |
| 63 | Reaction of Condensed-Phase Criegee Intermediates with Carboxylic Acids and Perfluoroalkyl Carboxylic Acids. Environmental Science and Technology Letters, 2019, 6, 243-250. | 3.9 | 27 |
| 64 | Aircraft-based measurements of High Arctic springtime aerosol show evidence for vertically varying sources, transport and composition. Atmospheric Chemistry and Physics, 2019, 19, 57-76. | 1.9 | 32 |
| 65 | Organic Surfactants Protect Dissolved Aerosol Components against Heterogeneous Oxidation. Journal of Physical Chemistry A, 2019, 123, 2114-2124. | 1.1 | 8 |
| 66 | Characterization of transport regimes and the polar dome during Arctic spring and summer using in situ aircraft measurements. Atmospheric Chemistry and Physics, 2019, 19, 15049-15071. | 1.9 | 25 |
| 67 | Heterogeneous Chlorination of Squalene and Oleic Acid. Environmental Science & Technology, 2019, 53, 1217-1224. | 4.6 | 44 |
| 68 | Fostering multidisciplinary research on interactions between chemistry, biology, and physics within the coupled cryosphere-atmosphere system. Elementa, 2019, 7, . | 1.1 | 6 |
| 69 | An indoor chemical cocktail. Science, 2018, 359, 632-633. | 6.0 | 82 |
| 70 | Oxidative Processing Lowers the Ice Nucleation Activity of Birch and Alder Pollen. Geophysical Research Letters, 2018, 45, 1647-1653. | 1.5 | 23 |
| 71 | Aqueous Phase Photo-oxidation of Brown Carbon Nitrophenols: Reaction Kinetics, Mechanism, and Evolution of Light Absorption. ACS Earth and Space Chemistry, 2018, 2, 225-234. | 1.2 | 104 |
| 72 | Heterogeneous Oxidation of Particulate Methanesulfonic Acid by the Hydroxyl Radical: Kinetics and Atmospheric Implications. ACS Earth and Space Chemistry, 2018, 2, 48-55. | 1.2 | 26 |

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| 73 | Temporally delineated sources of major chemical species in high Arctic snow. Atmospheric Chemistry and Physics, 2018, 18, 3485-3503. | 1.9 | 13 |
| 74 | Exploring Conditions for Ultrafine Particle Formation from Oxidation of Cigarette Smoke in Indoor Environments. Environmental Science & amp; Technology, 2018, 52, 4623-4631. | 4.6 | 26 |
| 75 | Identification of organic hydroperoxides and peroxy acids using atmospheric pressure chemical ionization–tandem mass spectrometry (APCI-MS/MS): application to secondary organic aerosol. Atmospheric Measurement Techniques, 2018, 11, 3081-3089. | 1.2 | 45 |
| 76 | Principal component analysis of summertime ground site measurements in the Athabasca oil sands with a focus on analytically unresolved intermediate-volatility organic compounds. Atmospheric Chemistry and Physics, 2018, 18, 17819-17841. | 1.9 | 26 |
| 77 | Heterogeneous OH oxidation of secondary brown carbon aerosol. Atmospheric Chemistry and Physics, 2018, 18, 14539-14553. | 1.9 | 33 |
| 78 | Ice-nucleating ability of aerosol particles and possible sources at three coastal marine sites. Atmospheric Chemistry and Physics, 2018, 18, 15669-15685. | 1.9 | 37 |
| 79 | High gas-phase mixing ratios of formic and acetic acid in the High Arctic. Atmospheric Chemistry and Physics, 2018, 18, 10237-10254. | 1.9 | 25 |
| 80 | Selective Uptake of Third-Hand Tobacco Smoke Components to Inorganic and Organic Aerosol Particles. Environmental Science & Technology, 2018, 52, 13195-13201. | 4.6 | 28 |
| 81 | Evidence for Gas–Surface Equilibrium Control of Indoor Nitrous Acid. Environmental Science & Technology, 2018, 52, 12419-12427. | 4.6 | 71 |
| 82 | Processes Controlling the Composition and Abundance of Arctic Aerosol. Reviews of Geophysics, 2018, 56, 621-671. | 9.0 | 106 |
| 83 | Size-resolved mixing state of black carbon in the Canadian high Arctic and implications for simulated direct radiative effect. Atmospheric Chemistry and Physics, 2018, 18, 11345-11361. | 1.9 | 34 |
| 84 | Background Freeâ€Tropospheric Ice Nucleating Particle Concentrations at Mixedâ€Phase Cloud Conditions. Journal of Geophysical Research D: Atmospheres, 2018, 123, 10,506. | 1.2 | 24 |
| 85 | Novel pathway of SO ₂ oxidation in the atmosphere: reactions with monoterpene ozonolysis intermediates and secondary organic aerosol. Atmospheric Chemistry and Physics, 2018, 18, 5549-5565. | 1.9 | 89 |
| 86 | Atmospheric Aerosol in the Changing Arctic. Eos, 2018, 99, . | 0.1 | 2 |
| 87 | Role of Aerosol Liquid Water in Secondary Organic Aerosol Formation from Volatile Organic Compounds. Environmental Science & Technology, 2017, 51, 1405-1413. | 4.6 | 99 |
| 88 | The Essential Role for Laboratory Studies in Atmospheric Chemistry. Environmental Science & Technology, 2017, 51, 2519-2528. | 4.6 | 75 |
| 89 | Rapid Aqueous-Phase Photooxidation of Dimers in the α-Pinene Secondary Organic Aerosol. Environmental Science and Technology Letters, 2017, 4, 205-210. | 3.9 | 29 |
| 90 | Microlayer source of oxygenated volatile organic compounds in the summertime marine Arctic boundary layer. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6203-6208. | 3.3 | 97 |

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| 91 | Suppression of OH Generation from the Photo-Fenton Reaction in the Presence of α-Pinene Secondary Organic Aerosol Material. Environmental Science and Technology Letters, 2017, 4, 439-443. | 3.9 | 32 |
| 92 | Evidence for marine biogenic influence on summertime Arctic aerosol. Geophysical Research Letters, 2017, 44, 6460-6470. | 1.5 | 56 |
| 93 | Epoxide formation from heterogeneous oxidation of benzo[a]pyrene with gas-phase ozone and indoor air. Environmental Sciences: Processes and Impacts, 2017, 19, 1292-1299. | 1.7 | 18 |
| 94 | Observations and impacts of bleach washing on indoor chlorine chemistry. Indoor Air, 2017, 27, 1082-1090. | 2.0 | 106 |
| 95 | Organic Condensation and Particle Growth to CCN Sizes in the Summertime Marine Arctic Is Driven by Materials More Semivolatile Than at Continental Sites. Geophysical Research Letters, 2017, 44, 10,725. | 1.5 | 45 |
| 96 | Particulate trimethylamine in the summertime Canadian high Arctic lower troposphere. Atmospheric Chemistry and Physics, 2017, 17, 13747-13766. | 1.9 | 49 |
| 97 | Ice-nucleating particles in Canadian Arctic sea-surface microlayer and bulk seawater. Atmospheric Chemistry and Physics, 2017, 17, 10583-10595. | 1.9 | 78 |
| 98 | Source attribution of Arctic black carbon constrained by aircraft and surface measurements. Atmospheric Chemistry and Physics, 2017, 17, 11971-11989. | 1.9 | 58 |
| 99 | Frequent ultrafine particle formation and growth in Canadian Arctic marine and coastal environments. Atmospheric Chemistry and Physics, 2017, 17, 13119-13138. | 1.9 | 46 |
| 100 | Summertime observations of elevated levels of ultrafine particles in the high Arctic marine boundary layer. Atmospheric Chemistry and Physics, 2017, 17, 5515-5535. | 1.9 | 62 |
| 101 | Observations of atmospheric chemical deposition to high Arctic snow. Atmospheric Chemistry and Physics, 2017, 17, 5775-5788. | 1.9 | 38 |
| 102 | The SPectrometer for Ice Nuclei (SPIN): an instrument to investigate ice nucleation. Atmospheric Measurement Techniques, 2016, 9, 2781-2795. | 1.2 | 56 |
| 103 | Development of an in Situ NMR Photoreactor To Study Environmental Photochemistry. Environmental Science & Technology, 2016, 50, 5506-5516. | 4.6 | 24 |
| 104 | Rapid Oxidation of Skin Oil by Ozone. Environmental Science and Technology Letters, 2016, 3, 170-174. | 3.9 | 66 |
| 105 | Kinetics and Products from Heterogeneous Oxidation of Squalene with Ozone. Environmental Science & Technology, 2016, 50, 11688-11697. | 4.6 | 80 |
| 106 | Gas-Phase Mechanisms of the Reactions of Reduced Organic Nitrogen Compounds with OH Radicals. Environmental Science & Technology, 2016, 50, 11723-11734. | 4.6 | 41 |
| 107 | Gas Phase Oxidation of Nicotine by OH Radicals: Kinetics, Mechanisms, and Formation of HNCO. Environmental Science and Technology Letters, 2016, 3, 327-331. | 3.9 | 49 |
| 108 | Effects of 20–100†nm particles on liquid clouds in the clean summertime Arctic. Atmospheric Chemistry and Physics, 2016, 16, 11107-11124. | 1.9 | 94 |

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| 109 | Ammonia in the summertime Arctic marine boundary layer: sources, sinks, and implications. Atmospheric Chemistry and Physics, 2016, 16, 1937-1953. | 1.9 | 57 |
| 110 | Substantial secondary organic aerosol formation in a coniferous forest: observations of both day- and nighttime chemistry. Atmospheric Chemistry and Physics, 2016, 16, 6721-6733. | 1.9 | 30 |
| 111 | Ship emissions measurement in the Arctic by plume intercepts of the Canadian Coast Guard icebreaker <i>Amundsen</i> from the <i>Polar 6</i> aircraft platform. Atmospheric Chemistry and Physics, 2016, 16, 7899-7916. | 1.9 | 32 |
| 112 | Biogenic, anthropogenic and sea salt sulfate size-segregated aerosols in the Arctic summer. Atmospheric Chemistry and Physics, 2016, 16, 5191-5202. | 1.9 | 59 |
| 113 | Single-particle characterization of biomass burning organic aerosol (BBOA): evidence for non-uniform mixing of high molecular weight organics and potassium. Atmospheric Chemistry and Physics, 2016, 16, 5561-5572. | 1.9 | 41 |
| 114 | Airborne observations of far-infrared upwelling radiance in the Arctic. Atmospheric Chemistry and Physics, 2016, 16, 15689-15707. | 1.9 | 5 |
| 115 | Size-resolved measurements of ice-nucleating particles at six locations in North America and one in Europe. Atmospheric Chemistry and Physics, 2016, 16, 1637-1651. | 1.9 | 113 |
| 116 | Quantification of black carbon mixing state from traffic: implications for aerosol optical properties. Atmospheric Chemistry and Physics, 2016, 16, 4693-4706. | 1.9 | 43 |
| 117 | Dimethyl sulfide in the summertime Arctic atmosphere: measurements and source sensitivity simulations. Atmospheric Chemistry and Physics, 2016, 16, 6665-6680. | 1.9 | 66 |
| 118 | Solubility and reactivity of HNCO in water: insights into HNCO's fate in the atmosphere. Atmospheric Chemistry and Physics, 2016, 16, 703-714. | 1.9 | 39 |
| 119 | Growth of nucleation mode particles in the summertime Arctic: a case study. Atmospheric Chemistry and Physics, 2016, 16, 7663-7679. | 1.9 | 111 |
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| 121 | Addressing the ice nucleating abilities of marine aerosol: A combination of deposition mode laboratory and field measurements. Atmospheric Environment, 2016, 132, 1-10. | 1.9 | 66 |
| 122 | Formation of environmentally persistent free radicals from the heterogeneous reaction of ozone and polycyclic aromatic compounds. Physical Chemistry Chemical Physics, 2016, 18, 205-212. | 1.3 | 44 |
| 123 | Kinetics, Mechanism, and Secondary Organic Aerosol Yield of Aqueous Phase Photo-oxidation of α-Pinene Oxidation Products. Journal of Physical Chemistry A, 2016, 120, 1395-1407. | 1.1 | 63 |
| 124 | Primary marine aerosol loud interactions off the coast of California. Journal of Geophysical Research D: Atmospheres, 2015, 120, 4282-4303. | 1.2 | 83 |
| 125 | Impacts of Sulfate Seed Acidity and Water Content on Isoprene Secondary Organic Aerosol Formation. Environmental Science & Technology, 2015, 49, 13215-13221. | 4.6 | 51 |
| 126 | Lightâ€absorbing properties of ambient black carbon and brown carbon from fossil fuel and biomass burning sources. Journal of Geophysical Research D: Atmospheres, 2015, 120, 6619-6633. | 1.2 | 98 |

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| 127 | Mixing state of carbonaceous aerosol in an urban environment: single particle characterization using the soot particle aerosol mass spectrometer (SP-AMS). Atmospheric Chemistry and Physics, 2015, 15, 1823-1841. | 1.9 | 83 |
| 128 | Using the chemical equilibrium partitioning space to explore factors influencing the phase distribution of compounds involved in secondary organic aerosol formation. Atmospheric Chemistry and Physics, 2015, 15, 3395-3412. | 1.9 | 32 |
| 129 | Photochemical processing of aqueous atmospheric brown carbon. Atmospheric Chemistry and Physics, 2015, 15, 6087-6100. | 1.9 | 247 |
| 130 | Formation of hydroxyl radicals from photolysis of secondary organic aerosol material. Atmospheric Chemistry and Physics, 2015, 15, 7831-7840. | 1.9 | 74 |
| 131 | Ice nucleating particles at a coastal marine boundary layer site: correlations with aerosol type and meteorological conditions. Atmospheric Chemistry and Physics, 2015, 15, 12547-12566. | 1.9 | 71 |
| 132 | Elemental composition of organic aerosol: The gap between ambient and laboratory measurements. Geophysical Research Letters, 2015, 42, 4182-4189. | 1.5 | 84 |
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| 137 | A marine biogenic source of atmospheric ice-nucleating particles. Nature, 2015, 525, 234-238. | 13.7 | 475 |
| 138 | Experimental and Theoretical Understanding of the Gas Phase Oxidation of Atmospheric Amides with OH Radicals: Kinetics, Products, and Mechanisms. Journal of Physical Chemistry A, 2015, 119, 4298-4308. | 1.1 | 65 |
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| 140 | New Directions: Fundamentals of atmospheric chemistry: Keeping a three-legged stool balanced. Atmospheric Environment, 2014, 84, 390-391. | 1.9 | 32 |
| 141 | A review of air–ice chemical and physical interactions (AICI): liquids, quasi-liquids, and solids in snow. Atmospheric Chemistry and Physics, 2014, 14, 1587-1633. | 1.9 | 235 |
| 142 | Factors controlling the ice nucleating abilities of <i>α</i> â€pinene SOA particles. Journal of Geophysical Research D: Atmospheres, 2014, 119, 9041-9051. | 1.2 | 49 |
| 143 | Suppression in droplet growth kinetics by the addition of organics to sulfate particles. Journal of Geophysical Research D: Atmospheres, 2014, 119, 12,222. | 1.2 | 6 |
| 144 | Formation of gas-phase carbonyls from heterogeneous oxidation of polyunsaturated fatty acids at the air–water interface and of the sea surface microlayer. Atmospheric Chemistry and Physics, 2014, 14, 1371-1384. | 1.9 | 62 |

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| 145 | Aqueous-phase photooxidation of levoglucosan – a mechanistic study using aerosol time-of-flight chemical ionization mass spectrometry (Aerosol ToF-CIMS). Atmospheric Chemistry and Physics, 2014, 14, 9695-9706. | 1.9 | 102 |
| 146 | CCN activity of size-selected aerosol at a Pacific coastal location. Atmospheric Chemistry and Physics, 2014, 14, 12307-12317. | 1.9 | 20 |
| 147 | Novel methods for predicting gas–particle partitioning during the formation of secondary organic aerosol. Atmospheric Chemistry and Physics, 2014, 14, 13189-13204. | 1.9 | 27 |
| 148 | Enhancing non-refractory aerosol apportionment from an urban industrial site through receptor modeling of complete high time-resolution aerosol mass spectra. Atmospheric Chemistry and Physics, 2014, 14, 8017-8042. | 1.9 | 16 |
| 149 | Review of Recent Developments and Shortcomings in the Characterization of Potential Atmospheric Ice Nuclei: Focus on the Tropics. Revista De Ciencias, 2014, 17, 15-34. | 0.1 | 9 |
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| 151 | Kinetic limitations in gas-particle reactions arising from slow diffusion in secondary organic aerosol. Faraday Discussions, 2013, 165, 391-406. | 1.6 | 132 |
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| 154 | Formation of Light Absorbing Organo-Nitrogen Species from Evaporation of Droplets Containing Glyoxal and Ammonium Sulfate. Environmental Science & Technology, 2013, 47, 12819-12826. | 4.6 | 171 |
| 155 | Filterable Redox Cycling Activity: A Comparison between Diesel Exhaust Particles and Secondary Organic Aerosol Constituents. Environmental Science & Technology, 2013, 47, 3362-3369. | 4.6 | 98 |
| 156 | Arctic snowpack bromine release. Nature Geoscience, 2013, 6, 331-332. | 5.4 | 7 |
| 157 | High-resolution chemical ionization mass spectrometry (ToF-CIMS): application to study SOA composition and processing. Atmospheric Measurement Techniques, 2013, 6, 3211-3224. | 1.2 | 113 |
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