

Jonathan Duplissy

List of Publications by Year in descending order

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127
papers

16,415
citations

43617

47
h-index

19738

115
g-index

190
all docs

190
docs citations

190
times ranked

8036
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Nitrate Radicals Suppress Biogenic New Particle Formation from Monoterpene Oxidation. <i>Environmental Science & Technology</i> , 2024, 58, 1601-1614. | 10.3 | 1 |
| 2 | Assessing the importance of nitric acid and ammonia for particle growth in the polluted boundary layer. <i>Environmental Science Atmospheres</i> , 2024, 4, 265-274. | 2.1 | 2 |
| 3 | Temperature, humidity, and ionisation effect of iodine oxoacid nucleation. <i>Environmental Science Atmospheres</i> , 2024, 4, 531-546. | 2.1 | 1 |
| 4 | Interactions of peroxy radicals from monoterpene and isoprene oxidation simulated in the radical volatility basis set. <i>Environmental Science Atmospheres</i> , 2024, 4, 740-753. | 2.1 | 0 |
| 5 | Vertical distribution of ice nucleating particles over the boreal forest of Hyytiälä, Finland. <i>Atmospheric Chemistry and Physics</i> , 2024, 24, 11305-11332. | 4.9 | 0 |
| 6 | The gas-phase formation mechanism of iodic acid as an atmospheric aerosol source. <i>Nature Chemistry</i> , 2023, 15, 129-135. | 14.1 | 21 |
| 7 | Molecular Understanding of the Enhancement in Organic Aerosol Mass at High Relative Humidity. <i>Environmental Science & Technology</i> , 2023, 57, 2297-2309. | 10.3 | 16 |
| 8 | NO at low concentration can enhance the formation of highly oxygenated biogenic molecules in the atmosphere. <i>Nature Communications</i> , 2023, 14, . | 13.0 | 11 |
| 9 | An intercomparison study of four different techniques for measuring the chemical composition of nanoparticles. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 6613-6631. | 4.9 | 2 |
| 10 | The synergistic role of sulfuric acid, ammonia and organics in particle formation over an agricultural land. <i>Environmental Science Atmospheres</i> , 2023, 3, 1195-1211. | 2.1 | 0 |
| 11 | Development and characterization of the Portable Ice Nucleation Chamber 2 (PINcii). <i>Atmospheric Measurement Techniques</i> , 2023, 16, 3881-3899. | 3.1 | 0 |
| 12 | The standard operating procedure for Airmodus Particle Size Magnifier and nano-Condensation Nucleus Counter. <i>Journal of Aerosol Science</i> , 2022, 159, 105896. | 3.9 | 11 |
| 13 | Modelling the gas-particle partitioning and water uptake of isoprene-derived secondary organic aerosol at high and low relative humidity. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 215-244. | 4.9 | 8 |
| 14 | Survival of newly formed particles in haze conditions. <i>Environmental Science Atmospheres</i> , 2022, 2, 491-499. | 2.1 | 8 |
| 15 | Overview: Recent advances in the understanding of the northern Eurasian environments and of the urban air quality in China – a Pan-Eurasian Experiment (PEEX) programme perspective. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4413-4469. | 4.9 | 11 |
| 16 | Measurement report: Introduction to the HylICE-2018 campaign for measurements of ice-nucleating particles and instrument inter-comparison in the Hyytiälä boreal forest. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5117-5145. | 4.9 | 4 |
| 17 | Synergistic HNO ₃ -H ₂ SO ₄ -NH ₃ upper tropospheric particle formation. <i>Nature</i> , 2022, 605, 483-489. | 35.8 | 31 |
| 18 | Measurement report: Atmospheric new particle formation in a coastal agricultural site explained with binPMF analysis of nitrate CI-API-TOF spectra. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 8097-8115. | 4.9 | 8 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Diurnal evolution of negative atmospheric ions above the boreal forest: from ground level to the free troposphere. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 8547-8577. | 4.9 | 6 |
| 20 | High Gas-Phase Methanesulfonic Acid Production in the OH-Initiated Oxidation of Dimethyl Sulfide at Low Temperatures. <i>Environmental Science & Technology</i> , 2022, 56, 13931-13944. | 10.3 | 20 |
| 21 | Effects of temperature and salinity on bubble-bursting aerosol formation simulated with a bubble-generating chamber. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 6201-6219. | 3.1 | 7 |
| 22 | Molecular characterization of ultrafine particles using extractive electrospray time-of-flight mass spectrometry. <i>Environmental Science Atmospheres</i> , 2021, 1, 434-448. | 2.1 | 12 |
| 23 | Role of iodine oxoacids in atmospheric aerosol nucleation. <i>Science</i> , 2021, 371, 589-595. | 19.8 | 113 |
| 24 | Investigation of several proxies to estimate sulfuric acid concentration under volcanic plume conditions. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 4541-4560. | 4.9 | 6 |
| 25 | The seasonal cycle of ice-nucleating particles linked to the abundance of biogenic aerosol in boreal forests. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3899-3918. | 4.9 | 35 |
| 26 | Ice nucleation by viruses and their potential for cloud glaciation. <i>Biogeosciences</i> , 2021, 18, 4431-4444. | 3.4 | 12 |
| 27 | The driving factors of new particle formation and growth in the polluted boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14275-14291. | 4.9 | 39 |
| 28 | Chemical composition of nanoparticles from α -pinene nucleation and the influence of isoprene and relative humidity at low temperature. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 17099-17114. | 4.9 | 14 |
| 29 | Comparing plastic foils for dew collection: Preparatory laboratory-scale method and field experiment in Kenya. <i>Biosystems Engineering</i> , 2020, 196, 145-158. | 4.3 | 9 |
| 30 | Rapid growth of new atmospheric particles by nitric acid and ammonia condensation. <i>Nature</i> , 2020, 581, 184-189. | 35.8 | 187 |
| 31 | Size-dependent influence of NO _x on the growth rates of organic aerosol particles. <i>Science Advances</i> , 2020, 6, eaay4945. | 10.8 | 68 |
| 32 | Photo-oxidation of Aromatic Hydrocarbons Produces Low-Volatility Organic Compounds. <i>Environmental Science & Technology</i> , 2020, 54, 7911-7921. | 10.3 | 77 |
| 33 | Molecular understanding of the suppression of new-particle formation by isoprene. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11809-11821. | 4.9 | 53 |
| 34 | Molecular understanding of new-particle formation from α -pinene between \sim 50 and +25 °C. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9183-9207. | 4.9 | 73 |
| 35 | Molecular Composition and Volatility of Nucleated Particles from α -Pinene Oxidation between \sim 50 °C and +25 °C. <i>Environmental Science & Technology</i> , 2019, 53, 12357-12365. | 10.3 | 38 |
| 36 | Comparison of surface foil materials and dew collectors location in an arid area: a one-year field experiment in Kenya. <i>Agricultural and Forest Meteorology</i> , 2019, 276-277, 107613. | 4.8 | 13 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Evidence of New Particle Formation Within Etna and Stromboli Volcanic Plumes and Its Parameterization From Airborne In Situ Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 5650-5668. | 3.3 | 20 |
| 38 | Formation of Highly Oxygenated Organic Molecules from α -Pinene Ozonolysis: Chemical Characteristics, Mechanism, and Kinetic Model Development. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 873-883. | 2.8 | 56 |
| 39 | Interactions between the atmosphere, cryosphere, and ecosystems at northern high latitudes. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2015-2061. | 4.9 | 42 |
| 40 | Spatial and Temporal Investigation of Dew Potential based on Long-Term Model Simulations in Iran. <i>Water (Switzerland)</i> , 2019, 11, 2463. | 2.8 | 5 |
| 41 | New Parameterizations for Neutral and Ion-Induced Sulfuric Acid-Water Particle Formation in Nucleation and Kinetic Regimes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 1269-1296. | 3.3 | 27 |
| 42 | Measurement-model comparison of stabilized Criegee intermediate and highly oxygenated molecule production in the CLOUD chamber. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2363-2380. | 4.9 | 23 |
| 43 | New particle formation in the sulfuric acid-dimethylamine-water system: reevaluation of CLOUD chamber measurements and comparison to an aerosol nucleation and growth model. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 845-863. | 4.9 | 99 |
| 44 | Influence of temperature on the molecular composition of ions and charged clusters during pure biogenic nucleation. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 65-79. | 4.9 | 59 |
| 45 | Multicomponent new particle formation from sulfuric acid, ammonia, and biogenic vapors. <i>Science Advances</i> , 2018, 4, eaau5363. | 10.8 | 186 |
| 46 | Aerosol distribution in the northern Gulf of Guinea: local anthropogenic sources, long-range transport, and the role of coastal shallow circulations. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12363-12389. | 4.9 | 22 |
| 47 | Rapid growth of organic aerosol nanoparticles over a wide tropospheric temperature range. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9122-9127. | 7.5 | 134 |
| 48 | Solar eclipse demonstrating the importance of photochemistry in new particle formation. <i>Scientific Reports</i> , 2017, 7, 45707. | 3.4 | 32 |
| 49 | Chemical investigation and quality of urban dew collections with dust precipitates. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12312-12318. | 5.2 | 12 |
| 50 | Causes and importance of new particle formation in the present-day and preindustrial atmospheres. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 8739-8760. | 3.3 | 225 |
| 51 | The role of ions in new particle formation in the CLOUD chamber. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 15181-15197. | 4.9 | 53 |
| 52 | Estimates of the organic aerosol volatility in a boreal forest using two independent methods. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 4387-4399. | 4.9 | 15 |
| 53 | Global source attribution of sulfate concentration and direct and indirect radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8903-8922. | 4.9 | 62 |
| 54 | Intercomparison study and optical asphericity measurements of small ice particles in the CERN CLOUD experiment. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 3231-3248. | 3.1 | 4 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 55 | Effect of ions on sulfuric acid-water binary particle formation: 2. Experimental data and comparison with QC-normalized classical nucleation theory. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1752-1775. | 3.3 | 104 |
| 56 | Effect of ions on sulfuric acid-water binary particle formation: 1. Theory for kinetic and nucleation-type particle formation and atmospheric implications. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1736-1751. | 3.3 | 35 |
| 57 | Comparison of the SAWNUC model with CLOUD measurements of sulphuric acid-water nucleation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 12401-12414. | 3.3 | 17 |
| 58 | Effect of dimethylamine on the gas phase sulfuric acid concentration measured by Chemical Ionization Mass Spectrometry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3036-3049. | 3.3 | 17 |
| 59 | Experimental particle formation rates spanning tropospheric sulfuric acid and ammonia abundances, ion production rates, and temperatures. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 12,377. | 3.3 | 74 |
| 60 | The role of low-volatility organic compounds in initial particle growth in the atmosphere. <i>Nature</i> , 2016, 533, 527-531. | 35.8 | 583 |
| 61 | Ion-induced nucleation of pure biogenic particles. <i>Nature</i> , 2016, 533, 521-526. | 35.8 | 563 |
| 62 | Reduced anthropogenic aerosol radiative forcing caused by biogenic new particle formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12053-12058. | 7.5 | 112 |
| 63 | Modeling the thermodynamics and kinetics of sulfuric acid-dimethylamine-water nanoparticle growth in the CLOUD chamber. <i>Aerosol Science and Technology</i> , 2016, 50, 1017-1032. | 3.1 | 14 |
| 64 | Global atmospheric particle formation from CERN CLOUD measurements. <i>Science</i> , 2016, 354, 1119-1124. | 19.8 | 311 |
| 65 | The effect of acid-base clustering and ions on the growth of atmospheric nano-particles. <i>Nature Communications</i> , 2016, 7, 11594. | 13.0 | 120 |
| 66 | Heterogeneous ice nucleation of viscous secondary organic aerosol produced from ozonolysis of α -pinene. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6495-6509. | 4.9 | 71 |
| 67 | Unexpectedly acidic nanoparticles formed in dimethylamine-ammonia-sulfuric-acid nucleation experiments at CLOUD. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13601-13618. | 4.9 | 24 |
| 68 | Aqueous phase oxidation of sulphur dioxide by ozone in cloud droplets. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 1693-1712. | 4.9 | 48 |
| 69 | Hygroscopicity of nanoparticles produced from homogeneous nucleation in the CLOUD experiments. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 293-304. | 4.9 | 29 |
| 70 | Phase transition observations and discrimination of small cloud particles by light polarization in expansion chamber experiments. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3651-3664. | 4.9 | 12 |
| 71 | Observation of viscosity transition in α -pinene secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4423-4438. | 4.9 | 55 |
| 72 | Major contribution of neutral clusters to new particle formation at the interface between the boundary layer and the free troposphere. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3413-3428. | 4.9 | 42 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | Experimental investigation of ion-ion recombination under atmospheric conditions. Atmospheric Chemistry and Physics, 2015, 15, 7203-7216. | 4.9 | 47 |
| 74 | Thermodynamics of the formation of sulfuric acid dimers in the binary (H ₂ SO ₄) _n and ternary (H ₂ SO ₄) _n system. Atmospheric Chemistry and Physics, 2015, 15, 10701-10721. | 4.9 | 29 |
| 75 | Relating the hygroscopic properties of submicron aerosol to both gas- and particle-phase chemical composition in a boreal forest environment. Atmospheric Chemistry and Physics, 2015, 15, 11999-12009. | 4.9 | 18 |
| 76 | Elemental composition and clustering behaviour of Î±-pinene oxidation products for different oxidation conditions. Atmospheric Chemistry and Physics, 2015, 15, 4145-4159. | 4.9 | 17 |
| 77 | Technical Note: Using DEG-CPCs at upper tropospheric temperatures. Atmospheric Chemistry and Physics, 2015, 15, 7547-7555. | 4.9 | 11 |
| 78 | Estimates of global dew collection potential on artificial surfaces. Hydrology and Earth System Sciences, 2015, 19, 601-613. | 4.9 | 42 |
| 79 | On the composition of ammonia-sulfuric-acid ion clusters during aerosol particle formation. Atmospheric Chemistry and Physics, 2015, 15, 55-78. | 4.9 | 87 |
| 80 | Insight into Acid-Base Nucleation Experiments by Comparison of the Chemical Composition of Positive, Negative, and Neutral Clusters. Environmental Science & Technology, 2014, 48, 13675-13684. | 10.3 | 52 |
| 81 | Characterisation of organic contaminants in the CLOUD chamber at CERN. Atmospheric Measurement Techniques, 2014, 7, 2159-2168. | 3.1 | 41 |
| 82 | Oxidation Products of Biogenic Emissions Contribute to Nucleation of Atmospheric Particles. Science, 2014, 344, 717-721. | 19.8 | 477 |
| 83 | Neutral molecular cluster formation of sulfuric acid-dimethylamine observed in real time under atmospheric conditions. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15019-15024. | 7.5 | 212 |
| 84 | Molecular understanding of sulphuric acid-amine particle nucleation in the atmosphere. Nature, 2013, 502, 359-363. | 35.8 | 804 |
| 85 | Ternary H ₂ SO ₄ -H ₂ O-NH ₃ neutral and charged nucleation rates for a wide range of atmospheric conditions. AIP Conference Proceedings, 2013, , . | 0.2 | 0 |
| 86 | Cluster measurements at CLOUD using a high resolution ion mobility spectrometer-mass spectrometer combination. AIP Conference Proceedings, 2013, , . | 0.2 | 1 |
| 87 | Contribution of oxidized organic compounds to nanoparticle growth. AIP Conference Proceedings, 2013, , . | 0.2 | 0 |
| 88 | Measuring composition and growth of ion clusters of sulfuric acid, ammonia, amines and oxidized organics as first steps of nucleation in the CLOUD experiment. AIP Conference Proceedings, 2013, , . | 0.2 | 0 |
| 89 | Charged and neutral binary nucleation of sulfuric acid in free troposphere conditions. AIP Conference Proceedings, 2013, , . | 0.2 | 0 |
| 90 | Particle nucleation events at the high Alpine station Jungfraujoch. AIP Conference Proceedings, 2013, , . | 0.2 | 0 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 91 | Measurements of cluster ions using a nano radial DMA and a particle size magnifier in CLOUD. AIP Conference Proceedings, 2013, , . | 0.2 | 0 |
| 92 | Evolution of nanoparticle composition in CLOUD in presence of sulphuric acid, ammonia and organics. AIP Conference Proceedings, 2013, , . | 0.2 | 1 |
| 93 | How do amines affect the growth of recently formed aerosol particles. AIP Conference Proceedings, 2013, , . | 0.2 | 0 |
| 94 | Molecular steps of neutral sulfuric acid and dimethylamine nucleation in CLOUD. AIP Conference Proceedings, 2013, , . | 0.2 | 1 |
| 95 | Nucleation of H ₂ SO ₄ and oxidized organics in CLOUD experiment. AIP Conference Proceedings, 2013, , . | 0.2 | 0 |
| 96 | Evolution of α -pinene oxidation products in the presence of varying oxidizers: Negative API-TOF point of view. AIP Conference Proceedings, 2013, , . | 0.2 | 0 |
| 97 | Evolution of alpha-pinene oxidation products in the presence of varying oxidizers: CI-API-TOF point of view. AIP Conference Proceedings, 2013, , . | 0.2 | 0 |
| 98 | Development of the gas system for the CLOUD experiment at CERN. , 2013, , . | | 0 |
| 99 | Molecular understanding of atmospheric particle formation from sulfuric acid and large oxidized organic molecules. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17223-17228. | 7.5 | 310 |
| 100 | Evolution of particle composition in CLOUD nucleation experiments. Atmospheric Chemistry and Physics, 2013, 13, 5587-5600. | 4.9 | 33 |
| 101 | An ultra-pure gas system for the CLOUD experiment at CERN. , 2012, , . | | 4 |
| 102 | Numerical simulations of mixing conditions and aerosol dynamics in the CERN CLOUD chamber. Atmospheric Chemistry and Physics, 2012, 12, 2205-2214. | 4.9 | 44 |
| 103 | Role of sulphuric acid, ammonia and galactic cosmic rays in atmospheric aerosol nucleation. Nature, 2011, 476, 429-433. | 35.8 | 1,144 |
| 104 | A fibre-optic UV system for H ₂ SO ₄ production in aerosol chambers causing minimal thermal effects. Journal of Aerosol Science, 2011, 42, 532-543. | 3.9 | 44 |
| 105 | Relating hygroscopicity and composition of organic aerosol particulate matter. Atmospheric Chemistry and Physics, 2011, 11, 1155-1165. | 4.9 | 330 |
| 106 | Seasonal variation of CCN concentrations and aerosol activation properties in boreal forest. Atmospheric Chemistry and Physics, 2011, 11, 13269-13285. | 4.9 | 124 |
| 107 | The role of sulphates and organic vapours in growth of newly formed particles in a eucalypt forest. Atmospheric Chemistry and Physics, 2010, 10, 2919-2926. | 4.9 | 45 |
| 108 | Widening the gap between measurement and modelling of secondary organic aerosol properties?. Atmospheric Chemistry and Physics, 2010, 10, 2577-2593. | 4.9 | 61 |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 109 | Results from the CERN pilot CLOUD experiment. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 1635-1647. | 4.9 | 96 |
| 110 | Evidence for the role of organics in aerosol particle formation under atmospheric conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6646-6651. | 7.5 | 413 |
| 111 | Intercomparison study of six HTDMAs: results and recommendations. <i>Atmospheric Measurement Techniques</i> , 2009, 2, 363-378. | 3.1 | 125 |
| 112 | Determination of the Aerosol Yield of Isoprene in the Presence of an Organic Seed with Carbon Isotope Analysis. <i>Environmental Science & Technology</i> , 2009, 43, 6697-6702. | 10.3 | 30 |
| 113 | Influence of gas-to-particle partitioning on the hygroscopic and droplet activation behaviour of α -pinene secondary organic aerosol. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 8091. | 2.9 | 59 |
| 114 | Analysis of the hygroscopic and volatile properties of ammonium sulphate seeded and unseeded SOA particles. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 721-732. | 4.9 | 119 |
| 115 | Gas phase precursors to anthropogenic secondary organic aerosol: detailed observations of 1,3,5-trimethylbenzene photooxidation. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 635-665. | 4.9 | 88 |
| 116 | Cloud forming potential of secondary organic aerosol under near atmospheric conditions. <i>Geophysical Research Letters</i> , 2008, 35, . | 3.9 | 146 |
| 117 | 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. | 10.3 | 1,545 |
| 118 | Using Proton Transfer Reaction Mass Spectrometry for Online Analysis of Secondary Organic Aerosols. <i>Environmental Science & Technology</i> , 2008, 42, 7347-7353. | 10.3 | 38 |
| 119 | Combined Determination of the Chemical Composition and of Health Effects of Secondary Organic Aerosols: The POLYSOA Project. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2008, 21, 145-154. | 1.5 | 97 |
| 120 | Gas/particle partitioning of carbonyls in the photooxidation of isoprene and 1,3,5-trimethylbenzene. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 3215-3230. | 4.9 | 103 |
| 121 | Hygroscopicity of the submicrometer aerosol at the high-alpine site Jungfrauoch, 3580 m a.s.l., Switzerland. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 5715-5729. | 4.9 | 100 |
| 122 | Evaluation of 1,3,5 trimethylbenzene degradation in the detailed tropospheric chemistry mechanism, MCMv3.1, using environmental chamber data. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 6453-6468. | 4.9 | 57 |
| 123 | Combined Determination of the Chemical Composition and of Health Effects of Secondary Organic Aerosols: The POLYSOA Project. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2008, . | 1.4 | 14 |
| 124 | Aerosol Formation from Isoprene: Determination of Particle Nucleation and Growth Rates. , 2007, , 989-993. | | 0 |
| 125 | Real-Time Measurement of Oligomeric Species in Secondary Organic Aerosol with the Aerosol Time-of-Flight Mass Spectrometer. <i>Analytical Chemistry</i> , 2006, 78, 2130-2137. | 6.7 | 99 |
| 126 | Laboratory observation of oligomers in the aerosol from isoprene/NO _x photooxidation. <i>Geophysical Research Letters</i> , 2006, 33, . | 3.9 | 154 |

| # | ARTICLE | IF | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | A Pilot Study of Aerosolization of Infectious Murine Norovirus in an Experimental Setup. Food and Environmental Virology, 0, , . | 3.4 | 0 |