

Field-Deployable, High-Resolution, Time-of-Flight Aero

Analytical Chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
11	Cluster Analysis of the Organic Peaks in Bulk Mass Spectra Obtained During the 2002 New England Air Quality Study with an Aerodyne Aerosol Mass Spectrometer. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 5649-5666.	4.9	39
12	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
13	Comparison of a Quadrupole and a Time-of-Flight Aerosol Mass Spectrometer during the Feldberg Aerosol Characterization Experiment 2004. <i>Aerosol Science and Technology</i> , 2007, 41, 679-691.	3.1	23
14	Technical Note: Description and Use of the New Jump Mass Spectrum Mode of Operation for the Aerodyne Quadrupole Aerosol Mass Spectrometers (Q-AMS). <i>Aerosol Science and Technology</i> , 2007, 41, 865-872.	3.1	28
15	Chemical characterization of particulate emissions from diesel engines: A review. <i>Journal of Aerosol Science</i> , 2007, 38, 1079-1118.	3.8	745
16	Oxygenated and water-soluble organic aerosols in Tokyo. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	256
17	Cloud condensation nucleus activity of secondary organic aerosol particles mixed with sulfate. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	68
18	Effect of hydrophobic primary organic aerosols on secondary organic aerosol formation from ozonolysis of α -pinene. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	104
19	Interference of organic signals in highly time resolved nitrate measurements by low mass resolution aerosol mass spectrometry. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	35
20	Elemental Analysis of Organic Species with Electron Ionization High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 8350-8358.	6.5	490
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27	Source apportionment of 1h semi-continuous data during the 2005 Study of Organic Aerosols in Riverside (SOAR) using positive matrix factorization. <i>Atmospheric Environment</i> , 2008, 42, 2706-2719.	4.1	39
28	Characterization of aerosol particles from grass mowing by joint deployment of ToF-AMS and ATOFMS instruments. <i>Atmospheric Environment</i> , 2008, 42, 3006-3017.	4.1	31
29	Analysis of Atmospheric Aerosols. <i>Annual Review of Analytical Chemistry</i> , 2008, 1, 485-514.	5.4	145

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31	Photochemical evolution of submicron aerosol chemical composition in the Tokyo megacity region in summer. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	25
32	The State of the Art in the Field of Non-Stationary Instruments for the Determination and Monitoring of Atmospheric Pollutants. <i>Critical Reviews in Analytical Chemistry</i> , 2008, 38, 259-268.	3.5	14
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38	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
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60	Chemically-Resolved Volatility Measurements of Organic Aerosol from Different Sources. Environmental Science & Technology, 2009, 43, 5351-5357.	10.0	201
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1264	Characterization of anthropogenic organic aerosols by TOF-ACSM with the new capture vaporizer. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 2457-2472.	3.1	33
1265	Characterization of carbonaceous aerosols in Singapore: insight from black carbon fragments and trace metal ions detected by a soot particle aerosol mass spectrometer. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5977-5993.	4.9	32
1266	Characterization of organic aerosol across the global remote troposphere: a comparison of ATom measurements and global chemistry models. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 4607-4635.	4.9	66
1267	Exploration of oxidative chemistry and secondary organic aerosol formation in the Amazon during the wet season: explicit modeling of the Manaus urban plume with GECKO-A. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5995-6014.	4.9	9
1268	Understanding and improving model representation of aerosol optical properties for a Chinese haze event measured during KORUS-AQ. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 6455-6478.	4.9	18
1269	Condensation/immersion mode ice-nucleating particles in a boreal environment. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 6687-6706.	4.9	9
1270	A review of aerosol chemistry in Asia: insights from aerosol mass spectrometer measurements. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1616-1653.	3.5	57
1271	Real-time measurement and source apportionment of elements in Delhi's atmosphere. <i>Science of the Total Environment</i> , 2020, 742, 140332.	8.0	78
1272	Closure Investigation on Cloud Condensation Nuclei Ability of Processed Anthropogenic Aerosols. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032680.	3.3	10
1273	Multi-generation OH oxidation as a source for highly oxygenated organic molecules from aromatics. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 515-537.	4.9	78
1274	Evolution of the light-absorption properties of combustion brown carbon aerosols following reaction with nitrate radicals. <i>Aerosol Science and Technology</i> , 2020, 54, 849-863.	3.1	17
1275	Chemical characterization of submicron particulate matter (PM ₁) emitted by burning highland barley in the northeastern part of the Qinghai-Tibet Plateau. <i>Atmospheric Environment</i> , 2020, 224, 117351.	4.1	4
1276	Ambient Quantification and Size Distributions for Organic Aerosol in Aerosol Mass Spectrometers with the New Capture Vaporizer. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 676-689.	2.7	10
1277	Paper spray mass spectrometry for the analysis of picoliter droplets. <i>Analyst</i> , 2020, 145, 2639-2648.	3.5	8
1278	Quantifying and improving the optical performance of the laser ablation aerosol particle time of flight mass spectrometer (LAAPToF) instrument. <i>Aerosol Science and Technology</i> , 2020, 54, 761-771.	3.1	3
1279	Seasonal effects of ambient PM _{2.5} on the cardiovascular system of hyperlipidemic mice. <i>Journal of the Air and Waste Management Association</i> , 2020, 70, 307-323.	1.9	4
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1282	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
1283	Comparison between idling and cruising gasoline vehicles in primary emissions and secondary organic aerosol formation during photochemical ageing. <i>Science of the Total Environment</i> , 2020, 722, 137934.	8.0	26
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1285	Particle detection using the dual-vaporizer configuration of the soot particle Aerosol Mass Spectrometer (SP-AMS). <i>Aerosol Science and Technology</i> , 2021, 55, 254-267.	3.1	7
1286	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
1287	Differential inflammatory potential of particulate matter (PM) size fractions from imperial valley, CA. <i>Atmospheric Environment</i> , 2021, 244, 117992.	4.1	7
1288	Review of online source apportionment research based on observation for ambient particulate matter. <i>Science of the Total Environment</i> , 2021, 762, 144095.	8.0	21
1289	Long Island enhanced aerosol event during 2018 LISTOS: Association with heatwave and marine influences. <i>Environmental Pollution</i> , 2021, 270, 116299.	7.5	8
1290	Toxic Cyanobacteria: A Growing Threat to Water and Air Quality. <i>Environmental Science & Technology</i> , 2021, 55, 44-64.	10.0	146
1291	Emissions of Reactive Nitrogen From Western U.S. Wildfires During Summer 2018. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD032657.	3.3	41
1292	Drivers of the rapid rise and daily-based accumulation in PM1. <i>Science of the Total Environment</i> , 2021, 760, 143394.	8.0	4
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1295	A review of the main strategies used in the interpretation of similar chemical profiles yielded by receptor models in the source apportionment of particulate matter. <i>Chemosphere</i> , 2021, 269, 128746.	8.2	19
1296	Linking marine phytoplankton emissions, meteorological processes, and downwind particle properties with FLEXPART. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 831-851.	4.9	15
1297	Multi-Oxygenated Organic Compounds in Fine Particulate Matter Collected in the Western Mediterranean Area. <i>Atmosphere</i> , 2021, 12, 94.	2.3	1
1298	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
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1301	Continuous measurement of reactive oxygen species inside and outside of a residential house during summer. <i>Indoor Air</i> , 2021, 31, 1199-1216.	4.3	8
1302	Airborne extractive electrospray mass spectrometry measurements of the chemical composition of organic aerosol. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 1545-1559.	3.1	20
1303	Characterization of Organic Aerosol at a Rural Site in the North China Plain Region: Sources, Volatility and Organonitrates. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1115-1127.	4.3	16
1305	Daytime Oxidized Reactive Nitrogen Partitioning in Western U.S. Wildfire Smoke Plumes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033484.	3.3	36
1306	Measurement report: Effects of photochemical aging on the formation and evolution of summertime secondary aerosol in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 1341-1356.	4.9	18
1307	Ambient nitro-aromatic compounds – biomass burning versus secondary formation in rural China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 1389-1406.	4.9	46
1308	Factors controlling marine aerosol size distributions and their climate effects over the northwest Atlantic Ocean region. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 1889-1916.	4.9	14
1309	Large Discrepancy in the Formation of Secondary Organic Aerosols from Structurally Similar Monoterpenes. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 632-644.	2.7	17
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1311	Large contribution to secondary organic aerosol from isoprene cloud chemistry. <i>Science Advances</i> , 2021, 7, .	10.3	24
1312	Aerosol pH indicator and organosulfate detectability from aerosol mass spectrometry measurements. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 2237-2260.	3.1	12
1313	Aerosol characteristics at the Southern Great Plains site during the HI-SCALE campaign. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 5101-5116.	4.9	16
1314	Characteristics of BrC and BC emissions from controlled diffusion flame and diesel engine combustion. <i>Aerosol Science and Technology</i> , 2021, 55, 769-784.	3.1	7
1315	Technical note: Emission factors, chemical composition, and morphology of particles emitted from Euro 5 diesel and gasoline light-duty vehicles during transient cycles. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 4779-4796.	4.9	23
1316	Measurement report: Long-range transport patterns into the tropical northwest Pacific during the CAMP<sup>2</sup>Ex aircraft campaign: chemical composition, size distributions, and the impact of convection. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3777-3802.	4.9	22
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1318	Multiphase Oxidation of Sulfur Dioxide in Aerosol Particles: Implications for Sulfate Formation in Polluted Environments. <i>Environmental Science & Technology</i> , 2021, 55, 4227-4242.	10.0	88

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1320	New Particle Formation and Growth from Dimethyl Sulfide Oxidation by Hydroxyl Radicals. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 801-811.	2.7	15
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1324	Elemental analysis of oxygenated organic coating on black carbon particles using a soot-particle aerosol mass spectrometer. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 2799-2812.	3.1	5
1325	Evolution of Aerosol Optical Properties from Wood Smoke in Real Atmosphere Influenced by Burning Phase and Solar Radiation. <i>Environmental Science & Technology</i> , 2021, 55, 5677-5688.	10.0	22
1326	Evolution of Organic Aerosol From Wood Smoke Influenced by Burning Phase and Solar Radiation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034534.	3.3	8
1327	Low-Molecular-Weight Carboxylic Acids in the Southeastern U.S.: Formation, Partitioning, and Implications for Organic Aerosol Aging. <i>Environmental Science & Technology</i> , 2021, 55, 6688-6699.	10.0	30
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1329	Chemical composition and source attribution of sub-micrometre aerosol particles in the summertime Arctic lower troposphere. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6509-6539.	4.9	5
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1333	Seasonal Trends of Aerosol Hygroscopicity and Mixing State in Clean Marine and Polluted Continental Air Masses Over the Northeast Atlantic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033851.	3.3	5
1335	Exploring the inorganic and organic nitrate aerosol formation regimes at a suburban site on the North China Plain. <i>Science of the Total Environment</i> , 2021, 768, 144538.	8.0	26
1336	Characteristics, sources and evolution processes of atmospheric organic aerosols at a roadside site in Hong Kong. <i>Atmospheric Environment</i> , 2021, 252, 118298.	4.1	13
1337	Photodegradation of α -Pinene Secondary Organic Aerosol Dominated by Moderately Oxidized Molecules. <i>Environmental Science & Technology</i> , 2021, 55, 6936-6943.	10.0	11
1338	Effect of COVID-19 lockdown on the concentration and composition of NR-PM _{2.5} over Ahmedabad, a big city in western India. <i>Urban Climate</i> , 2021, 37, 100818.	5.7	6

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1340	The importance of size ranges in aerosol instrument intercomparisons: a case study for the Atmospheric Tomography Mission. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 3631-3655.	3.1	34
1341	Real-time characterization and source apportionment of fine particulate matter in the Delhi megacity area during late winter. <i>Science of the Total Environment</i> , 2021, 770, 145324.	8.0	35
1342	Chemical transport models often underestimate inorganic aerosol acidity in remote regions of the atmosphere. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	32
1343	Ambient marine shipping emissions determined by vessel operation mode along the East China Sea. <i>Science of the Total Environment</i> , 2021, 769, 144713.	8.0	14
1344	New methodology shows short atmospheric lifetimes of oxidized sulfur and nitrogen due to dry deposition. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 8377-8392.	4.9	7
1345	Sizing response of the Ultra-High Sensitivity Aerosol Spectrometer (UHSAS) and Laser Aerosol Spectrometer (LAS) to changes in submicron aerosol composition and refractive index. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 4517-4542.	3.1	28
1346	The impact of aerosol size-dependent hygroscopicity and mixing state on the cloud condensation nuclei potential over the north-east Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 8655-8675.	4.9	3
1347	Seasonal variation of aerosol compositions in Shanghai, China: Insights from particle aerosol mass spectrometer observations. <i>Science of the Total Environment</i> , 2021, 771, 144948.	8.0	17
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1349	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
1350	Large Emissions of Low-Volatility Siloxanes during Residential Oven Use. <i>Environmental Science and Technology Letters</i> , 2021, 8, 519-524.	8.7	16
1352	Size-Dependent Molecular Characteristics and Possible Sources of Organic Aerosols at a Coastal New Particle Formation Hotspot of East China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034610.	3.3	0
1353	Mitigating NO _x emissions does not help alleviate wintertime particulate pollution in Beijing-Tianjin-Hebei, China. <i>Environmental Pollution</i> , 2021, 279, 116931.	7.5	21
1354	Emissions of soot, PAHs, ultrafine particles, NO _x and other health relevant compounds from stressed burning of candles in indoor air. <i>Indoor Air</i> , 2021, 31, 2033-2048.	4.3	11
1355	Quantification of solid fuel combustion and aqueous chemistry contributions to secondary organic aerosol during wintertime haze events in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9859-9886.	4.9	20
1356	Technical note: A new approach to discriminate different black carbon sources by utilising fullerene and metals in positive matrix factorisation analysis of high-resolution soot particle aerosol mass spectrometer data. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10763-10777.	4.9	3
1357	Ice nucleation on surrogates of boreal forest SOA particles: effect of water content and oxidative age. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11069-11078.	4.9	7

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1361	Research Progress on On-Chip Fourier Transform Spectrometer. <i>Laser and Photonics Reviews</i> , 2021, 15, 2100016.	8.7	25
1362	Direct Quantification of Droplet Activation of Ambient Black Carbon Under Water Supersaturation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034649.	3.3	8
1363	Vertical profiles of trace gas and aerosol properties over the eastern North Atlantic: variations with season and synoptic condition. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11079-11098.	4.9	14
1364	Impact of stratospheric air and surface emissions on tropospheric nitrous oxide during ATom. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11113-11132.	4.9	5
1365	Mediterranean nascent sea spray organic aerosol and relationships with seawater biogeochemistry. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10625-10641.	4.9	12
1366	Variability and Time of Day Dependence of Ozone Photochemistry in Western Wildfire Plumes. <i>Environmental Science & Technology</i> , 2021, 55, 10280-10290.	10.0	31
1367	Airborne and ground-based measurements of aerosol optical depth of freshly emitted anthropogenic plumes in the Athabasca Oil Sands Region. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10671-10687.	4.9	3
1368	Seasonal analysis of submicron aerosol in Old Delhi using high-resolution aerosol mass spectrometry: chemical characterisation, source apportionment and new marker identification. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10133-10158.	4.9	15
1369	Insights into the chemistry of aerosol growth in Beijing: Implication of fine particle episode formation during wintertime. <i>Chemosphere</i> , 2021, 274, 129776.	8.2	11
1370	Characterization of primary and aged wood burning and coal combustion organic aerosols in an environmental chamber and its implications for atmospheric aerosols. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10273-10293.	4.9	17
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1372	Formation of Oxidized Gases and Secondary Organic Aerosol from a Commercial Oxidant-Generating Electronic Air Cleaner. <i>Environmental Science and Technology Letters</i> , 2021, 8, 691-698.	8.7	17
1373	Exposure to Particulate Matter and Estimation of Volatile Organic Compounds across Wildland Firefighter Job Tasks. <i>Environmental Science & Technology</i> , 2021, 55, 11795-11804.	10.0	9
1374	Effects of different stagnant meteorological conditions on aerosol chemistry and regional transport changes in Beijing, China. <i>Atmospheric Environment</i> , 2021, 258, 118483.	4.1	4
1375	Humidity Dependence of the Condensational Growth of α -Pinene Secondary Organic Aerosol Particles. <i>Environmental Science & Technology</i> , 2021, 55, 14360-14369.	10.0	15
1376	PM _{2.5} composition and source apportionment at two sites in Delhi, India, across multiple seasons. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11655-11667.	4.9	13
1378	Temperature and volatile organic compound concentrations as controlling factors for chemical composition of α -pinene-derived secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11545-11562.	4.9	1

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1380	Measuring the Chemical Evolution of Levitated Particles: A Study on the Evaporation of Multicomponent Organic Aerosol. <i>Analytical Chemistry</i> , 2021, 93, 12472-12479.	6.5	21
1381	Kinetics and impacting factors of HO ₂ uptake onto submicron atmospheric aerosols during the 2019 Air QUALity Study (AQUAS) in Yokohama, Japan. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 12243-12260.	4.9	16
1382	Real-time quantification and source apportionment of fine particulate matter including organics and elements in Delhi during summertime. <i>Atmospheric Environment</i> , 2021, 261, 118598.	4.1	23
1383	Total organic carbon and the contribution from speciated organics in cloud water: airborne data analysis from the CAMP ₂ Ex field campaign. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14109-14129.	4.9	10
1384	Immersion Freezing Ability of Freshly Emitted Soot with Various Physico-Chemical Characteristics. <i>Atmosphere</i> , 2021, 12, 1173.	2.3	5
1385	Methanesulfonic acid and sulfuric acid Aerosol Formed through oxidation of reduced sulfur compounds in a humid environment. <i>Atmospheric Environment</i> , 2021, 261, 118504.	4.1	9
1387	Investigation of solvent microparticle formation in spray ionization “quadrupole ion trap” mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4785.	1.6	0
1388	Exploring the composition and volatility of secondary organic aerosols in mixed anthropogenic and biogenic precursor systems. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14251-14273.	4.9	20
1389	Chemical Tomography in a Fresh Wildland Fire Plume: A Large Eddy Simulation (LES) Study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035203.	3.3	16
1390	Measurement report: Cloud condensation nuclei activity and its variation with organic oxidation level and volatility observed during an aerosol life cycle intensive operational period (ALC-IOP). <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 13019-13029.	4.9	3
1391	Observations and Modeling of NO _x Photochemistry and Fate in Fresh Wildfire Plumes. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2652-2667.	2.7	17
1392	Evolution of Atmospheric Total Organic Carbon from Petrochemical Mixtures. <i>Environmental Science & Technology</i> , 2021, 55, 12841-12851.	10.0	3
1393	Primary and secondary aerosols in small passenger vehicle emissions: Evaluation of engine technology, driving conditions, and regulatory standards. <i>Environmental Pollution</i> , 2021, 286, 117195.	7.5	9
1394	Salton Sea aerosol exposure in mice induces a pulmonary response distinct from allergic inflammation. <i>Science of the Total Environment</i> , 2021, 792, 148450.	8.0	8
1395	Primary emissions and secondary production of organic aerosols from heated animal fats. <i>Science of the Total Environment</i> , 2021, 794, 148638.	8.0	2
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1399	Evolution of size and composition of fine particulate matter in the Delhi megacity during later winter. <i>Atmospheric Environment</i> , 2021, 267, 118752.	4.1	3
1400	Characterization and source identification of submicron aerosol during serious haze pollution periods in Beijing. <i>Journal of Environmental Sciences</i> , 2022, 112, 25-37.	6.1	11
1402	Insights into the molecular composition of semi-volatile aerosols in the summertime central Arctic Ocean using FIGAERO-CIMS. <i>Environmental Science Atmospheres</i> , 2021, 1, 161-175.	2.4	18
1403	Comparative study of chemical characterization and source apportionment of PM2.5 in South China by filter-based and single particle analysis. <i>Elementa</i> , 2021, 9, .	3.2	4
1404	Rapid dark aging of biomass burning as an overlooked source of oxidized organic aerosol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33028-33033.	7.1	63
1405	Acidity across the interface from the ocean surface to sea spray aerosol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	73
1406	Socio-economic disparities in exposure to urban restaurant emissions are larger than for traffic. <i>Environmental Research Letters</i> , 2020, 15, 114039.	5.2	21
1407	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, .	1.2	14
1408	Investigation of factors controlling PM2.5 variability across the South Korean Peninsula during KORUS-AQ. <i>Elementa</i> , 2020, 8, .	3.2	44
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1411	Oligomer and highly oxygenated organic molecule formation from oxidation of oxygenated monoterpenes emitted by California sage plants. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 10953-10965.	4.9	8
1412	Daytime aerosol optical depth above low-level clouds is similar to that in adjacent clear skies at the same heights: airborne observation above the southeast Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11275-11285.	4.9	7
1413	Measurement report: Characterization of severe spring haze episodes and influences of long-range transport in the Seoul metropolitan area in March 2019. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11527-11550.	4.9	27
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