Kimitaka Kawamura

List of Publications by Year
in descending order

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437 papers	27,842 citations	4658 85 h-index	11607 135 g-index
537 all docs	537 docs citations	537 times ranked	12462 citing authors

#	Article	IF	Citations
1	Aircraft measurement of dicarboxylic acids in the free tropospheric aerosols over the western to central North Pacific. Tellus, Series B: Chemical and Physical Meteorology, 2022, 55, 777.	1.6	3
2	Selected water-soluble organic compounds found in size-resolved aerosols collected from urban, mountain and marine atmospheres over East Asia. Tellus, Series B: Chemical and Physical Meteorology, 2022, 63, 371.	1.6	36
3	Stable carbon and nitrogen isotopic compositions of tropical atmospheric aerosols: sources and contribution from burning of C₃ and C₄ plants to organic aerosols. Tellus, Series B: Chemical and Physical Meteorology, 2022, 66, 20176.	1.6	29
4	Stable carbon isotopic compositions of low-molecularweight dicarboxylic acids, glyoxylic acid and glyoxal in tropical aerosols: implications for photochemical processes of organic aerosols. Tellus, Series B: Chemical and Physical Meteorology, 2022, 66, 23702.	1.6	8
5	Stable carbon and nitrogen isotopic composition of fine mode aerosols (PM_{2.5}) over the Bay of Bengal: impact of continental sources. Tellus, Series B: Chemical and Physical Meteorology, 2022, 68, 31518.	1.6	42
6	Springtime influences of Asian outflow and photochemistry on the distributions of diacids, oxoacids and Î±-dicarbonyls in the aerosols from the western North Pacific Rim. Tellus, Series B: Chemical and Physical Meteorology, 2022, 69, 1369341.	1.6	9
7	Seasonal changes in stable carbon isotopic composition in the bulk aerosol and gas phases at a suburban site in Prague. Science of the Total Environment, 2022, 803, 149767.	8.0	10
8	Latitudinal difference in the molecular distributions of lipid compounds in the forest atmosphere in China. Environmental Pollution, 2022, 294, 118578.	7.5	3
9	Regional heterogeneities in the emission of airborne primary sugar compounds and biogenic secondary organic aerosols in the East Asian outflow: evidence for coal combustion as a source of levoglucosan. Atmospheric Chemistry and Physics, 2022, 22, 1373-1393.	4.9	11
10	Aerosol Proteinaceous Matter in Coastal Okinawa, Japan: Influence of Long-Range Transport and Photochemical Degradation. Environmental Science & Technology, 2022, 56, 5256-5265.	10.0	9
11	Relationship of 137Cs with Fungal Spore Tracers in the Ambient Aerosols from Fukushima after the 2011 Nuclear Accident, East Japan. Atmosphere, 2022, 13, 413.	2.3	0
12	Molecular distributions of dicarboxylic acids, oxocarboxylic acids, and Î±-dicarbonyls in aerosols over Tuoji Island in the Bohai Sea: Effects of East Asian continental outflow. Atmospheric Research, 2022, 272, 106154.	4.1	1
13	Unraveling the sources of atmospheric organic aerosols over the Arabian Sea: Insights from the stable carbon and nitrogen isotopic composition. Science of the Total Environment, 2022, 827, 154260.	8.0	7
14	Offline analysis of the chemical composition and hygroscopicity of submicrometer aerosol at an Asian outflow receptor site and comparison with online measurements. Atmospheric Chemistry and Physics, 2022, 22, 5515-5533.	4.9	2
15	Measurement report: Optical properties and sources of water-soluble brown carbon in Tianjin, North China â€“ insights from organic molecular compositions. Atmospheric Chemistry and Physics, 2022, 22, 6449-6470.	4.9	25
16	Tracer-based characterization of fine carbonaceous aerosol in Beijing during a strict emission control period. Science of the Total Environment, 2022, 841, 156638.	8.0	3
17	Molecular markers for fungal spores and biogenic SOA over the Antarctic Peninsula: Field measurements and modeling results. Science of the Total Environment, 2021, 762, 143089.	8.0	7
18	Fluorescence characteristics of water-soluble organic carbon in atmospheric aerosolâˆ†. Environmental Pollution, 2021, 268, 115906.	7.5	49

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19	Influence of forest fires on the formation processes of low molecular weight dicarboxylic acids, Ï‰-oxocarboxylic acids, pyruvic acid and Î±-dicarbonyls in springtime fine (PM2.5) aerosols over Southeast Asia. Atmospheric Environment, 2021, 246, 118065.	4.1	11
20	Alpine snowpit profiles of polar organic compounds from Mt. Tateyama central Japan: Atmospheric transport of organic pollutants with Asian dust. Atmospheric Environment, 2021, 244, 117923.	4.1	0
21	Compound-Specific Radiocarbon Analysis of Low Molecular Weight Dicarboxylic Acids in Ambient Aerosols Using Preparative Gas Chromatography: Method Development. Environmental Science and Technology Letters, 2021, 8, 135-141.	8.7	9
22	Impacts of Chemical Degradation on the Global Budget of Atmospheric Levoglucosan and Its Use As a Biomass Burning Tracer. Environmental Science & Technology, 2021, 55, 5525-5536.	10.0	37
23	Distinctive Sources Govern Organic Aerosol Fractions with Different Degrees of Oxygenation in the Urban Atmosphere. Environmental Science & Technology, 2021, 55, 4494-4503.	10.0	10
24	Measurement report: Diurnal and temporal variations of sugar compounds in suburban aerosols from the northern vicinity of Beijing, China â€“ an influence of biogenic and anthropogenic sources. Atmospheric Chemistry and Physics, 2021, 21, 4959-4978.	4.9	9
25	The MALINA oceanographic expedition: how do changes in ice cover, permafrost and UV radiation impact biodiversity and biogeochemical fluxes in the Arctic Ocean?. Earth System Science Data, 2021, 13, 1561-1592.	9.9	11
26	Dry-deposition of inorganic and organic nitrogen aerosols to the Arabian Sea: Sources, transport and biogeochemical significance in surface waters. Marine Chemistry, 2021, 231, 103938.	2.3	13
27	Low molecular weight dicarboxylic acids, oxocarboxylic acids and Î±-dicarbonyls as ozonolysis products of isoprene: Implication for the gaseous-phase formation of secondary organic aerosols. Science of the Total Environment, 2021, 769, 144472.	8.0	22
28	Biomass Burning is an Important Source of Organic Aerosols in Interior Alaska. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034586.	3.3	5
29	Why airborne transmission hasn't been conclusive in case of COVID-19? An atmospheric science perspective. Science of the Total Environment, 2021, 773, 145525.	8.0	42
30	Seasonal Characteristics of Biogenic Secondary Organic Aerosols Over Chichijima Island in the Western North Pacific: Impact of Biomass Burning Activity in East Asia. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD032987.	3.3	7
31	Increase of nitrooxy organosulfates in firework-related urban aerosols during Chinese New Year's Eve. Atmospheric Chemistry and Physics, 2021, 21, 11453-11465.	4.9	14
32	Photochemical Processing of Inorganic and Organic Species in the Canadian High Arctic Aerosols: Impact of Ammonium Cation, Transition Metals, and Dicarboxylic Acids before and after Polar Sunrise at Alert. ACS Earth and Space Chemistry, 2021, 5, 2865-2877.	2.7	4
33	Measurement report: Vertical distribution of biogenic and anthropogenic secondary organic aerosols in the urban boundary layer over Beijing during late summer. Atmospheric Chemistry and Physics, 2021, 21, 12949-12963.	4.9	9
34	Characterization of dicarboxylic acids, oxoacids, and Î±-dicarbonyls in PM2.5 within the urban boundary layer in southern China: Sources and formation pathways. Environmental Pollution, 2021, 285, 117185.	7.5	11
35	Seasonal and temporal variations of ambient aerosols in a deciduous broadleaf forest from northern Japan: Contributions of biomass burning and biological particles. Chemosphere, 2021, 279, 130540.	8.2	6
36	Terrestrial lipid biomarkers in marine aerosols over the western North Pacific during 1990â€“1993 and 2006â€“2009. Science of the Total Environment, 2021, 797, 149115.	8.0	5

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37	Molecular characterization and spatial distribution of dicarboxylic acids and related compounds in fresh snow in China. Environmental Pollution, 2021, 291, 118114.	7.5	3
38	Hydroxy Fatty Acids in Rainwater and Aerosols from Suburban Tokyo in Central Japan: The Impact of Long-Range Transport of Soil Microbes and Plant Waxes. ACS Earth and Space Chemistry, 2021, 5, 257-267.	2.7	4
39	Decadal Variations in Hydroxy Fatty Acids Over Chichijima Island in the North Pacific: Longâ€Term Seasonal Variability in Plant and Microbial Markers. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033347.	3.3	1
40	Light absorption, fluorescence properties and sources of brown carbon aerosols in the Southeast Tibetan Plateau. Environmental Pollution, 2020, 257, 113616.	7.5	45
41	High daytime abundance of primary organic aerosols over Mt. Emei, Southwest China in summer. Science of the Total Environment, 2020, 703, 134475.	8.0	18
42	Enhanced aqueous-phase formation of secondary organic aerosols due to the regional biomass burning over North China Plain. Environmental Pollution, 2020, 256, 113401.	7.5	30
43	Chemical composition of waste burning organic aerosols at landfill and urban sites in Delhi. Atmospheric Pollution Research, 2020, 11, 554-565.	3.8	21
44	Evidence for brown carbon absorption over the Bay of Bengal during the southwest monsoon season: a possible oceanic source. Environmental Sciences: Processes and Impacts, 2020, 22, 1743-1758.	3.5	9
45	Chemical characterization of wintertime aerosols over the Arabian Sea: Impact of marine sources and long-range transport. Atmospheric Environment, 2020, 239, 117749.	4.1	21
46	¹³C Probing of Ambient Photo-Fenton Reactions Involving Iron and Oxalic Acid: Implications for Oceanic Biogeochemistry. ACS Earth and Space Chemistry, 2020, 4, 964-976.	2.7	6
47	Source forensics of n-alkanes and n-fatty acids in urban aerosols using compound specific radiocarbon/stable carbon isotopic composition. Environmental Research Letters, 2020, 15, 074007.	5.2	12
48	Ice core records of levoglucosan and dehydroabietic and vanillic acids from Aurora Peak in Alaska since the 1660s: a proxy signal of biomass-burning activities in the North Pacific Rim. Atmospheric Chemistry and Physics, 2020, 20, 597-612.	4.9	15
49	Large contributions of biogenic and anthropogenic sources to fine organic aerosols in Tianjin, North China. Atmospheric Chemistry and Physics, 2020, 20, 117-137.	4.9	36
50	Molecular characterization of firework-related urban aerosols using Fourier transform ion cyclotron resonance mass spectrometry. Atmospheric Chemistry and Physics, 2020, 20, 6803-6820.	4.9	27
51	Multiphase MCMâ€“CAPRAM modeling of the formation and processing of secondary aerosol constituents observed during the Mt. Tai summer campaign in 2014. Atmospheric Chemistry and Physics, 2020, 20, 6725-6747.	4.9	14
52	Molecular and spatial distributions of dicarboxylic acids, oxocarboxylic acids, and <i>Î±</i>-dicarbonyls in marine aerosols from the South China Sea to the eastern Indian Ocean. Atmospheric Chemistry and Physics, 2020, 20, 6841-6860.	4.9	17
53	Observation of vertical profiles of NO, O₃, and VOCs to estimate their sources and sinks by inverse modeling in a Japanese larch forest. J Agricultural Meteorology, 2020, 76, 1-10.	1.5	3
54	Increase of High Molecular Weight Organosulfate With Intensifying Urban Air Pollution in the Megacity Beijing. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032200.	3.3	30

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55	Molecular characteristics of water-soluble dicarboxylic acids, ï‰-oxocarboxylic acids, pyruvic acid and Î±-dicarbonyls in the aerosols from the eastern North Pacific. Marine Chemistry, 2020, 224, 103812.	2.3	10
56	Vertical distribution of particle-phase dicarboxylic acids, oxoacids and <i>Î±-</i>-dicarbonyls in the urban boundary layer based on the 325â€‰m tower in Beijing. Atmospheric Chemistry and Physics, 2020, 20, 10331-10350.	4.9	14
57	Tracing the Relative Significance of Primary versus Secondary Organic Aerosols from Biomass Burning Plumes over Coastal Ocean Using Sugar Compounds and Stable Carbon Isotopes. ACS Earth and Space Chemistry, 2019, 3, 1471-1484.	2.7	19
58	Large contribution of fine carbonaceous aerosols from municipal waste burning inferred from distributions of diacids and fatty acids. Environmental Research Communications, 2019, 1, 071005.	2.3	5
59	Dicarboxylic and Oxocarboxylic Acids in the Arctic Coastal Ocean (Beaufort Seaâ€Mackenzie Margin). Global Biogeochemical Cycles, 2019, 33, 927-940.	4.9	3
60	Water-soluble low molecular weight organics in cloud water at Mt. Tai Mo Shan, Hong Kong. Science of the Total Environment, 2019, 697, 134095.	8.0	10
61	Nitrogen Speciation and Isotopic Composition of Aerosols Collected at Himalayan Forest (3326 m) Tj ETQq1 1 0.784314 rgBT /Overlock 12247-12256.	10.0	27
62	Dicarboxylic acids, oxocarboxylic acids and Î±-dicarbonyls in atmospheric aerosols from Mt. Fuji, Japan: Implication for primary emission versus secondary formation. Atmospheric Research, 2019, 221, 58-71.	4.1	30
63	Hydroxy Fatty Acids in Remote Marine Aerosols over the Pacific Ocean: Impact of Biological Activity and Wind Speed. ACS Earth and Space Chemistry, 2019, 3, 366-379.	2.7	24
64	Excitation-emission matrix fluorescence, molecular characterization and compound-specific stable carbon isotopic composition of dissolved organic matter in cloud water over Mt. Tai. Atmospheric Environment, 2019, 213, 608-619.	4.1	25
65	Compound-Specific Stable Carbon Isotope Ratios of Terrestrial Biomarkers in Urban Aerosols from Beijing, China. ACS Earth and Space Chemistry, 2019, 3, 1896-1904.	2.7	5
66	Characterization of organic aerosols from a Chinese megacity during winter: predominance of fossil fuel combustion. Atmospheric Chemistry and Physics, 2019, 19, 5147-5164.	4.9	42
67	Abundance and Diurnal Trends of Fluorescent Bioaerosols in the Troposphere over Mt. Tai, China, in Spring. Journal of Geophysical Research D: Atmospheres, 2019, 124, 4158-4173.	3.3	25
68	Molecular characterization of organic aerosols in the Kathmandu Valley, Nepal: insights into primary and secondary sources. Atmospheric Chemistry and Physics, 2019, 19, 2725-2747.	4.9	41
69	Distributions and sources of low-molecular-weight monocarboxylic acids in gas and particles from a deciduous broadleaf forest in northern Japan. Atmospheric Chemistry and Physics, 2019, 19, 2421-2432.	4.9	17
70	Seasonal study of stable carbon and nitrogen isotopic composition in fine aerosols at a Central European rural background station. Atmospheric Chemistry and Physics, 2019, 19, 3463-3479.	4.9	31
71	Sources and Radiative Absorption of Waterâ€Soluble Brown Carbon in the High Arctic Atmosphere. Geophysical Research Letters, 2019, 46, 14881-14891.	4.0	17
72	Organic tracers of fine aerosol particles in central Alaska: summertime composition and sources. Atmospheric Chemistry and Physics, 2019, 19, 14009-14029.	4.9	14

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73	Levoglucosan as a tracer of biomass burning: Recent progress and perspectives. Atmospheric Research, 2019, 220, 20-33.	4.1	144
74	Aromatic acids as biomass-burning tracers in atmospheric aerosols and ice cores: A review. Environmental Pollution, 2019, 247, 216-228.	7.5	32
75	Dicarboxylic acids and related compounds in fine particulate matter aerosols in Huangshi, central China. Journal of the Air and Waste Management Association, 2019, 69, 513-526.	1.9	15
76	High Loadings of Water-Soluble Oxalic Acid and Related Compounds in PM2.5 Aerosols in Eastern Central India: Influence of Biomass Burning and Photochemical Processing. Aerosol and Air Quality Research, 2019, 9, 2625-2644.	2.1	13
77	Seasonal variations of low molecular weight hydroxy-dicarboxylic acids and oxaloacetic acid in remote marine aerosols from Chichijima Island in the western North Pacific (December) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 57	4.1	10
78	Organic Aerosols in South and East Asia: Composition and Sources. Springer Remote Sensing/photogrammetry, 2018, , 379-408.	0.4	1
79	Molecular distribution and compound-specific stable carbon isotopic composition of dicarboxylic acids, oxocarboxylic acids and <i>Î±</i>-dicarbonyls in PM_{2.5} from Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 2749-2767.	4.9	55
80	Thirteen years of observations on primary sugars and sugar alcohols over remote Chichijima Island in the western North Pacific. Atmospheric Chemistry and Physics, 2018, 18, 81-101.	4.9	37
81	Homologous series of n-alkanes (C19-C35), fatty acids (C12-C32) and n-alcohols (C8-C30) in atmospheric aerosols from central Alaska: Molecular distributions, seasonality and source indices. Atmospheric Environment, 2018, 184, 87-97.	4.1	23
82	Long-term (2001â€“2012) trends of carbonaceous aerosols from a remote island in the western North Pacific: an outflow region of Asian pollutants. Atmospheric Chemistry and Physics, 2018, 18, 1291-1306.	4.9	41
83	Smoke aerosol chemistry and aging of Siberian biomass burning emissions in a large aerosol chamber. Atmospheric Environment, 2018, 185, 15-28.	4.1	41
84	Dicarboxylic acids, oxocarboxylic acids and Î±-dicarbonyls in fine aerosols over central Alaska: Implications for sources and atmospheric processes. Atmospheric Research, 2018, 202, 128-139.	4.1	32
85	Occurrence of Î± , Ï‰ -dicarboxylic acids and Ï‰-oxoacids in surface waters of the Rhone River and fluxes into the Mediterranean Sea. Progress in Oceanography, 2018, 163, 136-146.	3.2	9
86	Primary biogenic and anthropogenic sources of organic aerosols in Beijing, China: Insights from saccharides and n-alkanes. Environmental Pollution, 2018, 243, 1579-1587.	7.5	78
87	Characterization of biogenic primary and secondary organic aerosols in the marine atmosphere over the East China Sea. Atmospheric Chemistry and Physics, 2018, 18, 13947-13967.	4.9	54
88	Seasonal Distributions and Stable Carbon Isotope Ratios of Water-Soluble Diacids, Oxoacids, and Î±-Dicarbonyls in Aerosols from Sapporo: Influence of Biogenic Volatile Organic Compounds and Photochemical Aging. ACS Earth and Space Chemistry, 2018, 2, 1220-1230.	2.7	12
89	Genomic identification of the long-chain alkenone producer in freshwater Lake Toyoni, Japan: implications for temperature reconstructions. Organic Geochemistry, 2018, 125, 189-195.	1.8	12
90	The organic molecular composition, diurnal variation, and stable carbon isotope ratios of PM2.5 in Beijing during the 2014 APEC summit. Environmental Pollution, 2018, 243, 919-928.	7.5	17

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91	Investigation on the hygroscopicity of oxalic acid and atmospherically relevant oxalate salts under sub- and supersaturated conditions. Environmental Sciences: Processes and Impacts, 2018, 20, 1069-1080.	3.5	12
92	Biomass-burning derived aromatic acids in NIST standard reference material 1649b and the environmental implications. Atmospheric Environment, 2018, 185, 180-185.	4.1	7
93	Molecular distributions of dicarboxylic acids, oxocarboxylic acids and <i>Î±</i>-dicarbonyls in PM_{2.5} collected at the top of Mt. Tai, North China, during the wheat burning season of 2014. Atmospheric Chemistry and Physics, 2018, 18, 10741-10758.	4.9	27
94	Stable carbon and nitrogen isotopic compositions of fine aerosols (PM2.5) during an intensive biomass burning over Southeast Asia: Influence of SOA and aging. Atmospheric Environment, 2018, 191, 478-489.	4.1	22
95	Nighttime particle growth observed during spring in New Delhi: Evidences for the aqueous phase oxidation of SO2. Atmospheric Environment, 2018, 188, 82-96.	4.1	14
96	Spatio-temporal distributions of dicarboxylic acids, Ï‰-oxocarboxylic acids, pyruvic acid, Î±-dicarbonyls and fatty acids in the marine aerosols from the North and South Pacific. Atmospheric Research, 2017, 185, 158-168.	4.1	18
97	Temporal and diurnal variations of carbonaceous aerosols and major ions in biomass burning influenced aerosols over Mt. Tai in the North China Plain during MTX2006. Atmospheric Environment, 2017, 154, 106-117.	4.1	14
98	Sources and formation processes of waterâ€soluble dicarboxylic acids, Ï‰â€oxocarboxylic acids, Î±â€dicarbonyls, and major ions in summer aerosols from eastern central India. Journal of Geophysical Research D: Atmospheres, 2017, 122, 3630-3652.	3.3	26
99	Seasonal changes in TC and WSOC and their 13C isotope ratios in Northeast Asian aerosols: land surfaceâ€“biosphereâ€“atmosphere interactions. Acta Geochimica, 2017, 36, 355-358.	1.7	10
100	Structural and Light-Absorption Characteristics of Complex Water-Insoluble Organic Mixtures in Urban Submicrometer Aerosols. Environmental Science & Technology, 2017, 51, 8293-8303.	10.0	49
101	Tracing atmospheric transport of soil microorganisms and higher plant waxes in the East Asian outflow to the North Pacific Rim by using hydroxy fatty acids: Yearâ€round observations at Gosan, Jeju Island. Journal of Geophysical Research D: Atmospheres, 2017, 122, 4112-4131.	3.3	10
102	Secondary Organic Aerosol Formation over Coastal Ocean: Inferences from Atmospheric Water-Soluble Low Molecular Weight Organic Compounds. Environmental Science & Technology, 2017, 51, 4347-4357.	10.0	52
103	Missing ozone-induced potential aerosol formation in a suburban deciduous forest. Atmospheric Environment, 2017, 171, 91-97.	4.1	2
104	Enhanced levels of atmospheric low-molecular weight monocarboxylic acids in gas and particulates over Mt. Tai, North China, during field burning of agricultural wastes. Atmospheric Environment, 2017, 171, 237-247.	4.1	19
105	Molecular distributions and isotopic compositions of organic aerosols over the western North Atlantic: Dicarboxylic acids, related compounds, sugars, and secondary organic aerosol tracers. Organic Geochemistry, 2017, 113, 229-238.	1.8	32
106	Evidence of a reduction in cloud condensation nuclei activity of water-soluble aerosols caused by biogenic emissions in a cool-temperate forest. Scientific Reports, 2017, 7, 8452.	3.3	28
107	Long-term (2001â€“2013) observations of water-soluble dicarboxylic acids and related compounds over the western North Pacific: trends, seasonality and source apportionment. Scientific Reports, 2017, 7, 8518.	3.3	31
108	Chemical characteristics of dicarboxylic acids and related organic compounds in PM2.5 during biomass-burning and non-biomass-burning seasons at a rural site of Northeast China. Environmental Pollution, 2017, 231, 654-662.	7.5	72

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109	Chemical Constituents of Carbonaceous and Nitrogen Aerosols over Thumba Region, Trivandrum, India. Archives of Environmental Contamination and Toxicology, 2017, 73, 456-473.	4.1	7
110	Ozone alters the feeding behavior of the leaf beetle Agelastica coerulea (Coleoptera: Chrysomelidae) into leaves of Japanese white birch (Betula platyphylla var. japonica). Environmental Science and Pollution Research, 2017, 24, 17577-17583.	5.3	20
111	Distributions of Polycyclic Aromatic Hydrocarbons, Aromatic Ketones, Carboxylic Acids, and Trace Metals in Arctic Aerosols: Long-Range Atmospheric Transport, Photochemical Degradation/Production at Polar Sunrise. Environmental Science & Technology, 2017, 51, 8992-9004.	10.0	42
112	Secondary formation of oxalic acid and related organic species from biogenic sources in a larch forest at the northern slope of Mt. Fuji. Atmospheric Environment, 2017, 166, 255-262.	4.1	28
113	Homologous series of low molecular weight (C1-C10) monocarboxylic acids, benzoic acid and hydroxyacids in fine-mode (PM2.5) aerosols over the Bay of Bengal: Influence of heterogeneity in air masses and formation pathways. Atmospheric Environment, 2017, 167, 170-180.	4.1	20
114	Effects of chemical composition and mixing state on sizeâ€resolved hygroscopicity and cloud condensation nuclei activity of submicron aerosols at a suburban site in northern Japan in summer. Journal of Geophysical Research D: Atmospheres, 2017, 122, 9301-9318.	3.3	15
115	High Contribution of Nonfossil Sources to Submicrometer Organic Aerosols in Beijing, China. Environmental Science & Technology, 2017, 51, 7842-7852.	10.0	58
116	Contributions and source identification of biogenic and anthropogenic hydrocarbons to secondary organic aerosols at Mt. Tai in 2014. Environmental Pollution, 2017, 220, 863-872.	7.5	49
117	Organic molecular tracers in the atmospheric aerosols from Lumbini, Nepal, in the northern Indo-Gangetic Plain: influence of biomass burning. Atmospheric Chemistry and Physics, 2017, 17, 8867-8885.	4.9	91
118	Sources and Formation Processes of Short-Chain Saturated Diacids (C2â€“C4) in Inhalable Particles (PM10) from Huangshi City, Central China. Atmosphere, 2017, 8, 213.	2.3	3
119	Water-Soluble Organic Nitrogen in High Mountain Snow Samples from Central Japan. Aerosol and Air Quality Research, 2016, 16, 632-639.	2.1	8
120	Identification of hydroxyâ€and ketoâ€dicarboxylic acids in remote marine aerosols using gas chromatography/quadruple and timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 992-1000.	1.5	12
121	Enrichment of 13C in diacids and related compounds during photochemical processing of aqueous aerosols: New proxy for organic aerosols aging. Scientific Reports, 2016, 6, 36467.	3.3	30
122	Hygroscopic growth of water-soluble matter extracted from remote marine aerosols over the western North Pacific: Influence of pollutants transported from East Asia. Science of the Total Environment, 2016, 557-558, 285-295.	8.0	19
123	Characterisation of water-soluble organic aerosols at a site on the southwest coast of India. Journal of Atmospheric Chemistry, 2016, 73, 181-205.	3.2	15
124	Fossil and Nonfossil Sources of Organic and Elemental Carbon Aerosols in the Outflow from Northeast China. Environmental Science & Technology, 2016, 50, 6284-6292.	10.0	45
125	Molecular Markers of Secondary Organic Aerosol in Mumbai, India. Environmental Science & Technology, 2016, 50, 4659-4667.	10.0	51
126	Seasonal variations of biogenic secondary organic aerosol tracers in Cape Hedo, Okinawa. Atmospheric Environment, 2016, 130, 113-119.	4.1	41

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127	Ice core records of monoterpene- and isoprene-SOA tracers from Aurora Peak in Alaska since 1660s: Implication for climate change variability in the North Pacific Rim. Atmospheric Environment, 2016, 130, 105-112.	4.1	21
128	Brown carbon in the cryosphere: Current knowledge and perspective. Advances in Climate Change Research, 2016, 7, 82-89.	5.1	55
129	Impact of biomass burning on soil microorganisms and plant metabolites: A view from molecular distributions of atmospheric hydroxy fatty acids over Mount Tai. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 2684-2699.	3.0	14
130	Characterization of Chromophoric Water-Soluble Organic Matter in Urban, Forest, and Marine Aerosols by HR-ToF-AMS Analysis and Excitationâ€“Emission Matrix Spectroscopy. Environmental Science & Technology, 2016, 50, 10351-10360.	10.0	139
131	Historical Trends of Biogenic SOA Tracers in an Ice Core from Kamchatka Peninsula. Environmental Science and Technology Letters, 2016, 3, 351-358.	8.7	7
132	Dicarboxylic acids, Ï‰-oxocarboxylic acids, Î±-dicarbonyls, WSOC, OC, EC, and inorganic ions in wintertime size-segregated aerosols from central India: Sources and formation processes. Chemosphere, 2016, 161, 27-42.	8.2	53
133	Hydroxy fatty acids in snow pit samples from Mount Tateyama in central Japan: Implications for atmospheric transport of microorganisms and plant waxes associated with Asian dust. Journal of Geophysical Research D: Atmospheres, 2016, 121, 13,641.	3.3	15
134	Dicarboxylic acids, oxoacids, benzoic acid, <i>Î±</i>-dicarbonyls, WSOC, OC, and ions in spring aerosols from Okinawa Island in the western North Pacific Rim: size distributions and formation processes. Atmospheric Chemistry and Physics, 2016, 16, 5263-5282.	4.9	45
135	Long-range atmospheric transport of volatile monocarboxylic acids with Asian dust over a high mountain snow site, central Japan. Atmospheric Chemistry and Physics, 2016, 16, 14621-14633.	4.9	25
136	A sub-decadal trend in diacids in atmospheric aerosols in eastern Asia. Atmospheric Chemistry and Physics, 2016, 16, 585-596.	4.9	15
137	Aircraft observations of water-soluble dicarboxylic acids in the aerosols over China. Atmospheric Chemistry and Physics, 2016, 16, 6407-6419.	4.9	15
138	Fungal spores overwhelm biogenic organic aerosols in a midlatitudinal forest. Atmospheric Chemistry and Physics, 2016, 16, 7497-7506.	4.9	40
139	Contribution of dissolved organic matter to submicron water-soluble organic aerosols in the marine boundary layer over the eastern equatorial Pacific. Atmospheric Chemistry and Physics, 2016, 16, 7695-7707.	4.9	24
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