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	An overview of ACE-Asia: Strategies for quantifying the relationships between Asian aerosols and their climatic impacts. Journal of Geophysical Research, 2003, 108, .	3.3	725
2	Seasonal changes in the distribution of dicarboxylic acids in the urban atmosphere. Environmental Science & Technology, 1993, 27, 2227-2235.	10.0	626
3	Motor exhaust emissions as a primary source for dicarboxylic acids in Los Angeles ambient air. Environmental Science & Technology, 1987, 21, 105-110.	10.0	588
4	Source and reaction pathways of dicarboxylic acids, ketoacids and dicarbonyls in arctic aerosols: One year of observations. Atmospheric Environment, 1996, 30, 1709-1722.	4.1	482
5	Critical assessment of the current state of scientific knowledge, terminology, and research needs concerning the role of organic aerosols in the atmosphere, climate, and global change. Atmospheric Chemistry and Physics, 2006, 6, 2017-2038.	4.9	447
6	Alkenone and boron-based Pliocene pCO2 records. Earth and Planetary Science Letters, 2010, 292, 201-211.	4.4	416
7	Molecular distributions of water soluble dicarboxylic acids in marine aerosols over the Pacific Ocean including tropics. Journal of Geophysical Research, 1999, 104, 3501-3509.	3.3	410
8	SugarsDominant Water-Soluble Organic Compounds in Soils and Characterization as Tracers in Atmospheric Particulate Matter. Environmental Science & Technology, 2004, 38, 5939-5949.	10.0	348
9	Implications of Ï‰-oxocarboxylic acids in the remote marine atmosphere for photo-oxidation of unsaturated fatty acids. Nature, 1987, 325, 330-332.	27.8	347
10	Determination of organic acids (C1-C10) in the atmosphere, motor exhausts, and engine oils. Environmental Science & Technology, 1985, 19, 1082-1086.	10.0	332
11	Sediment core profiles of long-chain n-alkanes in the Sea of Okhotsk: Enhanced transport of terrestrial organic matter from the last deglaciation to the early Holocene. Geophysical Research Letters, 2003, 30, 1-1-1-4.	4.0	329
12	Diurnal changes in the distribution of dicarboxylic acids, ketocarboxylic acids and dicarbonyls in the urban Tokyo atmosphere. Atmospheric Environment, 2005, 39, 1945-1960.	4.1	325
13	Comparative distributions of dicarboxylic acids and related polar compounds in snow, rain and aerosols from urban atmosphere. Atmospheric Environment, 1994, 28, 449-459.	4.1	314
14	Molecular, Seasonal, and Spatial Distributions of Organic Aerosols from Fourteen Chinese Cities. Environmental Science & Technology, 2006, 40, 4619-4625.	10.0	306
15	A review of dicarboxylic acids and related compounds in atmospheric aerosols: Molecular distributions, sources and transformation. Atmospheric Research, 2016, 170, 140-160.	4.1	282
16	Distribution of dicarboxylic acids and carbon isotopic compositions in aerosols from 1997 Indonesian forest fires. Geophysical Research Letters, 1999, 26, 3101-3104.	4.0	244
17	Water soluble dicarboxylic acids and related compounds in Antarctic aerosols. Journal of Geophysical Research, 1996, 101, 18721-18728.	3.3	235
18	In-cloud oxalate formation in the global troposphere: a 3-D modeling study. Atmospheric Chemistry and Physics, 2011, 11, 5761-5782.	4.9	218

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19	Carbonaceous aerosols on the south edge of the Tibetan Plateau: concentrations, seasonality and sources. Atmospheric Chemistry and Physics, 2015, 15, 1573-1584.	4.9	213
20	Ubiquity of bisphenol A in the atmosphere. Environmental Pollution, 2010, 158, 3138-3143.	7.5	210
21	Four years' observations of terrestrial lipid class compounds in marine aerosols from the western North Pacific. Global Biogeochemical Cycles, 2003, 17, 3-1-3-19.	4.9	201
22	Molecular characterization of urban organic aerosol in tropical India: contributions of primary emissions and secondary photooxidation. Atmospheric Chemistry and Physics, 2010, 10, 2663-2689.	4.9	200
23	Organic molecular compositions and temporal variations of summertime mountain aerosols over Mt. Tai, North China Plain. Journal of Geophysical Research, 2008, 113, .	3.3	199
24	Molecular distributions of dicarboxylic acids, ketocarboxylic acids and Î±-dicarbonyls in biomass burning aerosols: implications for photochemical production and degradation in smoke layers. Atmospheric Chemistry and Physics, 2010, 10, 2209-2225.	4.9	195
25	Composition and major sources of organic compounds of aerosol particulate matter sampled during the ACE-Asia campaign. Journal of Geophysical Research, 2004, 109, .	3.3	182
26	Time-resolved measurements of water-soluble organic carbon in Tokyo. Journal of Geophysical Research, 2006, 111, .	3.3	182
27	Penetration of biomass-burning emissions from South Asia through the Himalayas: new insights from atmospheric organic acids. Scientific Reports, 2015, 5, 9580.	3.3	180
28	Fatty acids in the marine atmosphere: Factors governing their concentrations and evaluation of organic films on sea-salt particles. Journal of Geophysical Research, 2002, 107, AAC 1-1-AAC 1-10.	3.3	178
29	Identification of C2-C10 .omega.-oxocarboxylic acids, pyruvic acid, and C2-C3 .alpha.-dicarbonyls in wet precipitation and aerosol samples by capillary GC and GC/MS. Analytical Chemistry, 1993, 65, 3505-3511.	6.5	176
30	Latitudinal distributions of organic nitrogen and organic carbon in marine aerosols over the western North Pacific. Atmospheric Chemistry and Physics, 2011, 11, 3037-3049.	4.9	171
31	Organic molecular composition of marine aerosols over the Arctic Ocean in summer: contributions of primary emission and secondary aerosol formation. Biogeosciences, 2013, 10, 653-667.	3.3	169
32	Molecular distributions and stable carbon isotopic compositions of dicarboxylic acids and related compounds in aerosols from Sapporo, Japan: Implications for photochemical aging during longâ€range atmospheric transport. Journal of Geophysical Research, 2008, 113, .	3.3	163
33	Seasonal variations of sugars in atmospheric particulate matter from Gosan, Jeju Island: Significant contributions of airborne pollen and Asian dust in spring. Atmospheric Environment, 2012, 55, 234-239.	4.1	161
34	High abundances of water-soluble dicarboxylic acids, ketocarboxylic acids and Î±-dicarbonyls in the mountaintop aerosols over the North China Plain during wheat burning season. Atmospheric Chemistry and Physics, 2013, 13, 8285-8302.	4.9	157
35	Size distributions of dicarboxylic acids, ketoacids, Î±-dicarbonyls, sugars, WSOC, OC, EC and inorganic ions in atmospheric particles over Northern Japan: implication for long-range transport of Siberian biomass burning and East Asian polluted aerosols. Atmospheric Chemistry and Physics, 2010, 10, 5839-5858.	4.9	154
36	Distributions of low molecular weight dicarboxylic acids in the North Pacific aerosol samples. Journal of Oceanography, 1993, 49, 271-283.	1.7	149

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37	Spatial distributions of oxygenated organic compounds (dicarboxylic acids, fatty acids, and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f 5 outflow of organic aerosols during the ACE-Asia campaign. Journal of Geophysical Research, 2003, 108, .	3.3	149
38	Isoprene, Monoterpene, and Sesquiterpene Oxidation Products in the High Arctic Aerosols during Late Winter to Early Summer. Environmental Science & Technology, 2009, 43, 4022-4028.	10.0	149
39	Dicarboxylic acids and waterâ€soluble organic carbon in aerosols in New Delhi, India, in winter: Characteristics and formation processes. Journal of Geophysical Research, 2009, 114, .	3.3	148
40	Dicarboxylic acids, ketocarboxylic acids and dicarbonyls in the urban roadside area of Hong Kong. Atmospheric Environment, 2006, 40, 3030-3040.	4.1	146
41	Dicarboxylic acids, ketocarboxylic acids, and dicarbonyls in the urban atmosphere of China. Journal of Geophysical Research, 2007, 112, .	3.3	144
42	Levoglucosan as a tracer of biomass burning: Recent progress and perspectives. Atmospheric Research, 2019, 220, 20-33.	4.1	144
43	Diurnal variations of organic molecular tracers and stable carbon isotopic composition in atmospheric aerosols over Mt. Tai in the North China Plain: an influence of biomass burning. Atmospheric Chemistry and Physics, 2012, 12, 8359-8375.	4.9	141
44	Seasonal variation and origins of dicarboxylic acids in the marine atmosphere over the western North Pacific. Journal of Geophysical Research, 2003, 108, .	3.3	140
45	Organic compounds in the rainwater of Los Angeles. Environmental Science & Technology, 1983, 17, 497-501.	10.0	139
46	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
47	Molecular characterization of marine organic aerosols collected during a round-the-world cruise. Journal of Geophysical Research, 2011, 116, .	3.3	136
48	Hygroscopic properties of levoglucosan and related organic compounds characteristic to biomass burning aerosol particles. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	135
49	Identification, abundance and seasonal variation of anthropogenic organic aerosols from a mega-city in China. Atmospheric Environment, 2007, 41, 407-416.	4.1	134
50	Photochemical and Other Sources of Organic Compounds in the Canadian High Arctic Aerosol Pollution during Winterâ^'Spring. Environmental Science & Technology, 2009, 43, 286-292.	10.0	134
51	Homologous series of C1â€“C10 monocarboxylic acids and C1â€“C6 carbonyls in Los Angeles air and motor vehicle exhausts. Atmospheric Environment, 2000, 34, 4175-4191.	4.1	133
52	Waterâ€soluble organic carbon, dicarboxylic acids, ketoacids, and Î±â€dicarbonyls in the tropical Indian aerosols. Journal of Geophysical Research, 2010, 115, .	3.3	130
53	Gas transport in firn: multiple-tracer characterisation and model intercomparison for NEEM, Northern Greenland. Atmospheric Chemistry and Physics, 2012, 12, 4259-4277.	4.9	130
54	Dicarboxylic acids, ketocarboxylic acids and glyoxal in the marine aerosols collected during a round-the-world cruise. Marine Chemistry, 2013, 148, 22-32.	2.3	129

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55	Concentrations of monocarâ˜ylic and dicarâ˜ylic acids and aldehydes in southern California wet precipitations: Comparison of urban and nonurban samples and compositional changes during scavenging. Atmospheric Environment, 1996, 30, 1035-1052.	4.1	127
56	Photochemical production and loss of organic acids in high Arctic aerosols during long-range transport and polar sunrise ozone depletion events. Atmospheric Environment, 2005, 39, 599-614.	4.1	127
57	Capillary gas chromatography determination of volatile organic acids in rain and fog samples. Analytical Chemistry, 1984, 56, 1616-1620.	6.5	124
58	Historical Trends of Atmospheric Black Carbon on Tibetan Plateau As Reconstructed from a 150-Year Lake Sediment Record. Environmental Science & Technology, 2013, 47, 2579-2586.	10.0	123
59	Where to find 1.5 million yr old ice for the IPICS "Oldest-Ice" ice core. Climate of the Past, 2013, 9, 2489-2505.	3.4	123
60	Size-distributions of <i>n</i>-alkanes, PAHs and hopanes and their sources in the urban, mountain and marine atmospheres over East Asia. Atmospheric Chemistry and Physics, 2009, 9, 8869-8882.	4.9	120
61	Low molecular weight dicarboxylic acids and related polar compounds in the remote marine rain samples collected from Western Pacific. Atmospheric Environment, 1996, 30, 1609-1619.	4.1	119
62	Diurnal variation in the water-soluble inorganic ions, organic carbon and isotopic compositions of total carbon and nitrogen in biomass burning aerosols from the LBA-SMOCC campaign in RondÃ´nia, Brazil. Journal of Aerosol Science, 2010, 41, 118-133.	3.8	119
63	Molecular Distribution and Stable Carbon Isotopic Composition of Dicarboxylic Acids, Ketocarboxylic Acids, and Î±-Dicarbonyls in Size-Resolved Atmospheric Particles From Xiâ€™an City, China. Environmental Science & Technology, 2012, 46, 4783-4791.	10.0	118
64	Molecular composition and size distribution of sugars, sugar-alcohols and carboxylic acids in airborne particles during a severe urban haze event caused by wheat straw burning. Atmospheric Environment, 2011, 45, 2473-2479.	4.1	115
65	Carbonaceous and inorganic composition in long-range transported aerosols over northern Japan: Implication for aging of water-soluble organic fraction. Atmospheric Environment, 2009, 43, 2532-2540.	4.1	114
66	Molecular Characteristics of Urban Organic Aerosols from Nanjing:Â A Case Study of A Mega-City in China. Environmental Science & Technology, 2005, 39, 7430-7438.	10.0	113
67	Seasonal variation of levoglucosan in aerosols over the western North Pacific and its assessment as a biomass-burning tracer. Atmospheric Environment, 2010, 44, 3511-3518.	4.1	112
68	Contributions of biogenic volatile organic compounds to the formation of secondary organic aerosols over Mt. Tai, Central East China. Atmospheric Environment, 2010, 44, 4817-4826.	4.1	110
69	Secondary formation of waterâ€soluble organic acids and Î±â€dicarbonyls and their contributions to total carbon and waterâ€soluble organic carbon: Photochemical aging of organic aerosols in the Arctic spring. Journal of Geophysical Research, 2010, 115, .	3.3	109
70	Variations in global methane sources and sinks during 1910â€“2010. Atmospheric Chemistry and Physics, 2015, 15, 2595-2612.	4.9	108
71	Biogenic and anthropogenic organic compounds in rain and snow samples collected in southern california. Atmospheric Environment, 1986, 20, 115-124.	1.0	106
72	Dicarboxylic acids in the Arctic aerosols and snowpacks collected during ALERT 2000. Atmospheric Environment, 2002, 36, 2491-2499.	4.1	106

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73	Contribution of Selected Dicarboxylic and Ï‰-Oxocarboxylic Acids in Ambient Aerosol to them/z44 Signal of an Aerodyne Aerosol Mass Spectrometer. Aerosol Science and Technology, 2007, 41, 418-437.	3.1	103
74	Wet deposition of low molecular weight mono- and di-carboxylic acids, aldehydes and inorganic species in Los Angeles. Atmospheric Environment, 2001, 35, 3917-3926.	4.1	100
75	Reconstruction of paleoproductivity in the Sea of Okhotsk over the last 30 kyr. Paleoceanography, 2004, 19, n/a-n/a.	3.0	99
76	Dicarboxylic acids, metals and isotopic compositions of C and N in atmospheric aerosols from inland China: implications for dust and coal burning emission and secondary aerosol formation. Atmospheric Chemistry and Physics, 2010, 10, 6087-6096.	4.9	98
77	Summer and winter variations of dicarboxylic acids, fatty acids and benzoic acid in PM_{2.5} in Pearl Delta River Region, China. Atmospheric Chemistry and Physics, 2011, 11, 2197-2208.	4.9	98
78	Trans-hemispheric contribution of C2-C10Î±, Ï‰-dicarboxylic acids, and related polar compounds to water-soluble organic carbon in the western Pacific aerosols in relation to photochemical oxidation reactions. Global Biogeochemical Cycles, 2003, 17, n/a-n/a.	4.9	96
79	One-year observations of carbonaceous and nitrogenous components and major ions in the aerosols from subtropical Okinawa Island, an outflow region of Asian dusts. Atmospheric Chemistry and Physics, 2014, 14, 1819-1836.	4.9	96
80	Contributions of biomass/biofuel burning to organic aerosols and particulate matter in Tanzania, East Africa, based on analyses of ionic species, organic and elemental carbon, levoglucosan and mannosan. Atmospheric Chemistry and Physics, 2013, 13, 10325-10338.	4.9	94
81	Fluorescent water-soluble organic aerosols in the High Arctic atmosphere. Scientific Reports, 2015, 5, 9845.	3.3	94
82	Hydrogen isotopic ratios of plant wax n-alkanes in a peat bog deposited in northeast China during the last 16kyr. Organic Geochemistry, 2009, 40, 671-677.	1.8	93
83	Dicarboxylic acids, ketocarboxylic acids, Î±â€dicarbonyls, fatty acids, and benzoic acid in urban aerosols collected during the 2006 Campaign of Air Quality Research in Beijing (CAREBeijingâ€2006). Journal of Geophysical Research, 2010, 115, .	3.3	93
84	Ice core records of biomass burning tracers (levoglucosan and dehydroabietic, vanillic and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td Northeast Asia. Geochimica Et Cosmochimica Acta, 2012, 99, 317-329.	3.9	93
85	Effect of biomass burning over the western North Pacific Rim: wintertime maxima of anhydrosugars in ambient aerosols from Okinawa. Atmospheric Chemistry and Physics, 2015, 15, 1959-1973.	4.9	93
86	Water-Soluble dicarboxylic acids, ketoacids and dicarbonyls in the atmospheric aerosols over the southern ocean and western pacific ocean. Journal of Atmospheric Chemistry, 2006, 53, 43-61.	3.2	92
87	Latitudinal distribution of terrestrial lipid biomarkers and n-alkane compound-specific stable carbon isotope ratios in the atmosphere over the western Pacific and Southern Ocean. Geochimica Et Cosmochimica Acta, 2007, 71, 5934-5955.	3.9	92
88	Investigation of the tracers for plastic-enriched waste burning aerosols. Atmospheric Environment, 2015, 108, 49-58.	4.1	92
89	Bimodal size distributions of various organic acids and fatty acids in the marine atmosphere: Influence of anthropogenic aerosols, Asian dusts, and sea spray off the coast of East Asia. Journal of Geophysical Research, 2007, 112, .	3.3	91
90	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

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91	Organic Molecular Compositions and Size Distributions of Chinese Summer and Autumn Aerosols from Nanjing: Characteristic Haze Event Caused by Wheat Straw Burning. Environmental Science & Technology, 2009, 43, 6493-6499.	10.0	90
92	Rates and regimes of photochemical ozone production over Central East China in June 2006: a box model analysis using comprehensive measurements of ozone precursors. Atmospheric Chemistry and Physics, 2009, 9, 7711-7723.	4.9	89
93	Organic and inorganic markers and stable C-, N-isotopic compositions of tropical coastal aerosols from megacity Mumbai: sources of organic aerosols and atmospheric processing. Atmospheric Chemistry and Physics, 2013, 13, 4667-4680.	4.9	88
94	Distributions of Three- to Seven-Ring Polynuclear Aromatic Hydrocarbons on the Deep Sea Floor in the Central Pacific. Environmental Science & Technology, 1999, 33, 3086-3090.	10.0	86
95	Seasonal variations of stable carbon isotopic composition and biogenic tracer compounds of water-soluble organic aerosols in a deciduous forest. Atmospheric Chemistry and Physics, 2012, 12, 1367-1376.	4.9	86
96	Carbonaceous and ionic components in wintertime atmospheric aerosols from two New Zealand cities: Implications for solid fuel combustion. Atmospheric Environment, 2005, 39, 5865-5875.	4.1	84
97	Early diagenesis of organic matter in the water column and sediments: Microbial degradation and resynthesis of lipids in Lake Haruna. Organic Geochemistry, 1987, 11, 251-264.	1.8	83
98	Latitudinal distributions of terrestrial biomarkers in the sediments from the Central Pacific. Geochimica Et Cosmochimica Acta, 1997, 61, 1911-1918.	3.9	83
99	A biomarker approach for assessing marine and terrigenous inputs to the sediments of Sea of Okhotsk for the last 27,000 years. Geochimica Et Cosmochimica Acta, 2001, 65, 791-802.	3.9	83
100	Elevated nitrogen isotope ratios of tropical Indian aerosols from Chennai: Implication for the origins of aerosol nitrogen in South and Southeast Asia. Atmospheric Environment, 2010, 44, 3597-3604.	4.1	80
101	Characteristics, seasonality and sources of carbonaceous and ionic components in the tropical aerosols from Indian region. Atmospheric Chemistry and Physics, 2011, 11, 8215-8230.	4.9	79
102	In situ measurement of isoprene in the marine air and surface seawater from the western North Pacific. Atmospheric Environment, 2002, 36, 6051-6057.	4.1	78
103	Size distributions of organic nitrogen and carbon in remote marine aerosols: Evidence of marine biological origin based on their isotopic ratios. Geophysical Research Letters, 2010, 37, .	4.0	78
104	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
105	Growth of organic aerosols by biogenic semi-volatile carbonyls in the forestal atmosphere. Atmospheric Environment, 2003, 37, 2045-2050.	4.1	77
106	Seasonal variation of the concentrations of nitrogenous species and their nitrogen isotopic ratios in aerosols at Gosan, Jeju Island: Implications for atmospheric processing and source changes of aerosols. Journal of Geophysical Research, 2010, 115, .	3.3	77
107	Secondary Production of Organic Aerosols from Biogenic VOCs over Mt. Fuji, Japan. Environmental Science & Technology, 2014, 48, 8491-8497.	10.0	77
108	Seasonal variations of water-soluble organic carbon, dicarboxylic acids, ketocarboxylic acids, and Î±-dicarbonyls in Central Himalayan aerosols. Atmospheric Chemistry and Physics, 2012, 12, 6645-6665.	4.9	76

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109	Evidence for 13â€‹carbon enrichment in oxalic acid via iron catalyzed photolysis in aqueous phase. Geophysical Research Letters, 2012, 39, .	4.0	76
110	Volatile organic acids generated from kerogen during laboratory heating.. Geochemical Journal, 1986, 20, 51-59.	1.0	75
111	High abundances of oxalic, azelaic, and glyoxylic acids and methylglyoxal in the open ocean with high biological activity: Implication for secondary OA formation from isoprene. Geophysical Research Letters, 2014, 41, 3649-3657.	4.0	75
112	Production of dicarboxylic acids in the Arctic atmosphere at polar sunrise. Geophysical Research Letters, 1995, 22, 1253-1256.	4.0	74
113	Organic and inorganic compositions of marine aerosols from East Asia: Seasonal variations of water-soluble dicarboxylic acids, major ions, total carbon and nitrogen, and stable C and N isotopic composition. Geochemical Society Special Publications, 2004, 9, 243-265.	0.1	74
114	Organic and inorganic aerosol compositions in Ulaanbaatar, Mongolia, during the cold winter of 2007 to 2008: Dicarboxylic acids, ketocarboxylic acids, and Î±â€‹dicarbonyls. Journal of Geophysical Research, 2010, 115, .	3.3	74
115	Depth ranges of alkenone production in the central Pacific Ocean. Global Biogeochemical Cycles, 1999, 13, 695-704.	4.9	72
116	Determination of Stable Carbon Isotopic Compositions of Low Molecular Weight Dicarboxylic Acids and Ketocarboxylic Acids in Atmospheric Aerosol and Snow Samples. Analytical Chemistry, 2004, 76, 5762-5768.	6.5	72
117	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
118	High penetration of ultraviolet radiation in the south east Pacific waters. Geophysical Research Letters, 2007, 34, .	4.0	71
119	Inorganic markers, carbonaceous components and stable carbon isotope from biomass burning aerosols in Northeast China. Science of the Total Environment, 2016, 572, 1244-1251.	8.0	71
120	Dicarboxylic acids generated by thermal alteration of kerogen and humic acids. Geochimica Et Cosmochimica Acta, 1987, 51, 3201-3207.	3.9	70
121	Aerosol particles collected on aircraft flights over the northwestern Pacific region during the ACE-Asia campaign: Composition and major sources of the organic compounds. Journal of Geophysical Research, 2004, 109, .	3.3	70
122	Long-term observations of saccharides in remote marine aerosols from the western North Pacific: A comparison between 1990â€“1993 and 2006â€“2009 periods. Atmospheric Environment, 2013, 67, 448-458.	4.1	70
123	A compound-specific n-alkane Î´13C and Î´D approach for assessing source and delivery processes of terrestrial organic matter within a forested watershed in northern Japan. Geochimica Et Cosmochimica Acta, 2010, 74, 599-613.	3.9	68
124	Dicarboxylic acids, ketocarboxylic acids, Î±-dicarbonyls, fatty acids and benzoic acid in PM_{2.5} aerosol collected during CAREBeijing-2007: an effect of traffic restriction on air quality. Atmospheric Chemistry and Physics, 2015, 15, 3111-3123.	4.9	67
125	Carbon Isotopic Composition of Fatty Acids in the Marine Aerosols from the Western North Pacific:Â Implication for the Source and Atmospheric Transport. Environmental Science & Technology, 2002, 36, 2598-2604.	10.0	66
126	Chemistry of OH and HO2radicals observed at Rishiri Island, Japan, in September 2003: Missing daytime sink of HO2and positive nighttime correlations with monoterpenes. Journal of Geophysical Research, 2007, 112, .	3.3	66

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127	Seasonal variations of diacids, ketoacids, and Î±â€dicarbonyls in aerosols at Gosan, Jeju Island, South Korea: Implications for sources, formation, and degradation during longâ€range transport. Journal of Geophysical Research, 2010, 115, .	3.3	66
128	Bimodal size distribution of C2-C4dicarboxylic acids in the marine aerosols. Geophysical Research Letters, 2003, 30, .	4.0	65
129	Determination of gaseous and particulate carbonyls (glycolaldehyde, hydroxyacetone, glyoxal,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2013, 13, 5369-5380.	4.9	65
130	Comparison of organic compositions in dust storm and normal aerosol samples collected at Gosan, Jeju Island, during spring 2005. Atmospheric Environment, 2009, 43, 219-227.	4.1	64
131	Size distributions and chemical characterization of waterâ€soluble organic aerosols over the western North Pacific in summer. Journal of Geophysical Research, 2010, 115, .	3.3	64
132	Dissolved and particulate organic carbon in the Sea of Okhotsk: Transport from continental shelf to ocean interior. Journal of Geophysical Research, 2004, 109, .	3.3	63
133	Dependence of CCN activity of less volatile particles on the amount of coating observed in Tokyo. Journal of Geophysical Research, 2007, 112, .	3.3	62
134	Waterâ€soluble organic compounds in PM_{2.5} and sizeâ€segregated aerosols over Mount Tai in North China Plain. Journal of Geophysical Research, 2009, 114, .	3.3	61
135	Organic tracers of primary biological aerosol particles at subtropical Okinawa Island in the western North Pacific Rim. Journal of Geophysical Research D: Atmospheres, 2015, 120, 5504-5523.	3.3	61
136	A Greenland ice core record of low molecular weight dicarboxylic acids, ketocarboxylic acids, and Î±-dicarbonyls: A trend from Little Ice Age to the present (1540 to 1989 A.D.). Journal of Geophysical Research, 2001, 106, 1331-1345.	3.3	60
137	Environmental influences over the last 16ka on compound-specific Î´13C variations of leaf wax n-alkanes in the Hani peat deposit from northeast China. Chemical Geology, 2010, 277, 261-268.	3.3	60
138	Measurement of overall uptake coefficients for HO₂ radicals by aerosol particles sampled from ambient air at Mts. Tai and Mang (China). Atmospheric Chemistry and Physics, 2012, 12, 11907-11916.	4.9	60
139	Molecular composition of dicarboxylic acids, ketocarboxylic acids, Î±-dicarbonyls and fatty acids in atmospheric aerosols from Tanzania, East Africa during wet and dry seasons. Atmospheric Chemistry and Physics, 2013, 13, 2235-2251.	4.9	60
140	Water-soluble dicarboxylic acids in the tropospheric aerosols collected over east Asia and western North Pacific by ACE-Asia C-130 aircraft. Journal of Geophysical Research, 2003, 108, .	3.3	59
141	Relationship between hygroscopicity and cloud condensation nuclei activity for urban aerosols in Tokyo. Journal of Geophysical Research, 2006, 111, .	3.3	59
142	Ice core record of polycyclic aromatic hydrocarbons over the past 400 years. Die Naturwissenschaften, 1994, 81, 502-505.	1.6	58
143	Variation on the atmospheric concentrations of biogenic carbonyl compounds and their removal processes in the northern forest at Moshiri, Hokkaido Island in Japan. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	58
144	Variation of alkenone sea surface temperature in the Sea of Okhotsk over the last 85 kyrs. Organic Geochemistry, 2004, 35, 347-354.	1.8	58

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145	High Contribution of Nonfossil Sources to Submicrometer Organic Aerosols in Beijing, China. Environmental Science & Technology, 2017, 51, 7842-7852.	10.0	58
146	Distributions of low molecular weight dicarboxylic acids, ketoacids and Î±-dicarbonyls in the marine aerosols collected over the Arctic Ocean during late summer. Biogeosciences, 2012, 9, 4725-4737.	3.3	57
147	A 12-year observation of water-soluble ions in TSP aerosols collected at a remote marine location in the western North Pacific: an outflow region of Asian dust. Atmospheric Chemistry and Physics, 2015, 15, 6437-6453.	4.9	57
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