

Estimate of global atmospheric organic aerosol from ox

Geophysical Research Letters

26, 2721-2724

DOI: 10.1029/1999gl900476

Citation Report

#	ARTICLE	IF	CITATIONS
1	Gas-Phase Ozone Oxidation of Monoterpenes: Gaseous and Particulate Products. Journal of Atmospheric Chemistry, 1999, 34, 207-258.	1.4	495
2	Formation of new particles in the gas-phase ozonolysis of monoterpenes. Atmospheric Environment, 2000, 34, 4031-4042.	1.9	205
3	Modeling speciated terpenoid emissions from the European boreal forest. Atmospheric Environment, 2000, 34, 4983-4996.	1.9	55
4	Formation and cycling of aerosols in the global troposphere. Atmospheric Environment, 2000, 34, 4215-4240.	1.9	386
5	Human-activity-enhanced formation of organic aerosols by biogenic hydrocarbon oxidation. Journal of Geophysical Research, 2000, 105, 9243-9354.	3.3	121
6	Kinetics of the Gas-Phase Reactions of Alcohols, Aldehydes, Carboxylic Acids, and Water with the C13 Stabilized Criegee Intermediate Formed from Ozonolysis of 1-Tetradecene. Journal of Physical Chemistry A, 2001, 105, 6129-6135.	1.1	159
7	Uncertainty in preindustrial abundance of tropospheric ozone: Implications for radiative forcing calculations. Journal of Geophysical Research, 2001, 106, 3389-3399.	3.3	102
8	Secondary organic aerosol formation in northern Europe: A model study. Journal of Geophysical Research, 2001, 106, 7357-7374.	3.3	103
9	Gas-Phase OH Oxidation of Monoterpenes: Gaseous and Particulate Products. Journal of Atmospheric Chemistry, 2001, 38, 231-276.	1.4	220
10	Quantification of airborne fossil and biomass carbonylic carbon by combined radiocarbon and liquid chromatography mass spectrometry. Atmospheric Environment, 2001, 35, 5695-5707.	1.9	15
11	Chapter 18 Formation and cycling of aerosols in the global troposphere. Developments in Environmental Science, 2002, , 519-563.	0.5	4
12	Uptake of HCl(g) and HBr(g) on Ethylene Glycol Surfaces as a Function of Relative Humidity and Temperature. Journal of Physical Chemistry A, 2002, 106, 1220-1227.	1.1	28
13	Global distribution and climate forcing of carbonaceous aerosols. Journal of Geophysical Research, 2002, 107, AAC 14-1.	3.3	665
14	Volatile organic compound emissions from terrestrial ecosystems: A primary biological control over atmospheric chemistry. Israel Journal of Chemistry, 2002, 42, 29-42.	1.0	31
15	The contribution of reactive carbon emissions from vegetation to the carbon balance of terrestrial ecosystems. Chemosphere, 2002, 49, 837-844.	4.2	171
16	Cloud susceptibility and the first aerosol indirect forcing: Sensitivity to black carbon and aerosol concentrations. Journal of Geophysical Research, 2002, 107, AAC 10-1-AAC 10-23.	3.3	118
17	Water soluble organic compounds formed by oxidation of soot. Atmospheric Environment, 2002, 36, 1827-1832.	1.9	230
18	Importance of volatile organic compounds photochemistry over a forested area in central Greece. Atmospheric Environment, 2002, 36, 3137-3146.	1.9	40

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Journal of Atmospheric Chemistry, 2003, 44, 57-95.	1.4	70
20	Growth of organic aerosols by biogenic semi-volatile carbonyls in the forestal atmosphere. Atmospheric Environment, 2003, 37, 2045-2050.	1.9	77
21	Characterization of biogenic volatile organic compounds and meteorology at Azusa during the SCOS97-NARSTO. Atmospheric Environment, 2003, 37, 181-196.	1.9	7
22	Gas-phase tropospheric chemistry of biogenic volatile organic compounds: a review. Atmospheric Environment, 2003, 37, 197-219.	1.9	1,144
23	Effect of acidic seed on biogenic secondary organic aerosol growth. Atmospheric Environment, 2003, 37, 4287-4299.	1.9	150
24	Integrated approaches to modeling the organic and inorganic atmospheric aerosol components. Atmospheric Environment, 2003, 37, 4757-4768.	1.9	129
25	Atmospheric Particulate Matter. , 0, , 228-254.		5
26	Interactions between tropospheric chemistry and aerosols in a unified general circulation model. Journal of Geophysical Research, 2003, 108, AAC 1-1.	3.3	152
27	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
28	Sources of carbonaceous aerosols over the United States and implications for natural visibility. Journal of Geophysical Research, 2003, 108, .	3.3	468
29	Simulating biogenic volatile organic compound emissions in the Community Climate System Model. Journal of Geophysical Research, 2003, 108, .	3.3	106
30	Spatial distributions of oxygenated organic compounds (dicarboxylic acids, fatty acids, and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj ETQq1 1 0.784314 rgBT /Overlock 10 outflow of organic aerosols during the ACE-Asia campaign. Journal of Geophysical Research, 2003, 108, .	3.3	149
31	Sesquiterpene ozonolysis: Origin of atmospheric new particle formation from biogenic hydrocarbons. Geophysical Research Letters, 2003, 30, .	1.5	161
32	A new method to study aerosol source contributions along the tracks of air parcels and its application to the near-ground level aerosol chemical composition in central Europe. Journal of Aerosol Science, 2003, 34, 1-25.	1.8	34
33	Coating of soot and (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> particles by ozonolysis products of $\alpha$ -pinene. Journal of Aerosol Science, 2003, 34, 1297-1321.	1.8	179
34	Sampling gaseous oxidation products of aromatic compounds in gas/particle separation systems. Journal of Environmental Monitoring, 2003, 5, 103N.	2.1	5
35	ORGANIC ATMOSPHERIC PARTICULATE MATERIAL. Annual Review of Physical Chemistry, 2003, 54, 121-140.	4.8	536
36	Global modelling of secondary organic aerosol in the troposphere: a sensitivity analysis. Atmospheric Chemistry and Physics, 2003, 3, 1849-1869.	1.9	304

#	ARTICLE	IF	CITATIONS
37	Improvement of biogenic emissions estimation in the Canadian Lower Fraser Valley and its impact on particulate matter modeling results. <i>Atmospheric Environment</i> , 2004, 38, 507-521.	1.9	8
38	Aerosol-chamber study of the $\alpha$ -pinene/O <sub>3</sub> reaction: influence of particle acidity on aerosol yields and products. <i>Atmospheric Environment</i> , 2004, 38, 761-773.	1.9	312
39	Chemical and physical observations of particulate matter at Golden Ears Provincial Park from anthropogenic and biogenic sources. <i>Atmospheric Environment</i> , 2004, 38, 5849-5860.	1.9	30
40	The roles of individual oxidants in secondary organic aerosol formation from $\beta$ -caryophyllene: 2. soa formation and oxidant contribution. <i>Atmospheric Environment</i> , 2004, 38, 4013-4023.	1.9	17
41	Seasonal variability of secondary organic aerosol: A global modeling study. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	78
42	Sensitivity of global biogenic isoprenoid emissions to climate variability and atmospheric CO <sub>2</sub> . <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	65
43	Observations of particle formation and growth in a mountainous forest region in central Europe. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	55
44	High abundance of gaseous and particulate 4-oxopentanal in the forestal atmosphere. <i>Chemosphere</i> , 2004, 55, 1143-1147.	4.2	30
45	Tethered balloon measurements of biogenic volatile organic compounds at a Boreal forest site. <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 215-229.	1.9	47
46	Alpha-pinene oxidation by OH: simulations of laboratory experiments. <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 2285-2311.	1.9	67
47	A Lagrangian model with simple primary and secondary aerosol scheme 1: comparison with UK PM <sub>10</sub> data. <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 2161-2170.	1.9	17
48	Organic Trace Gases in the Atmosphere: An Overview. <i>Environmental Chemistry</i> , 2004, 1, 125.	0.7	66
49	Evaluation of the atmospheric significance of multiphase reactions in atmospheric secondary organic aerosol formation. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 2823-2831.	1.9	71
50	On the growth of nucleation mode particles: source rates of condensable vapor in polluted and clean environments. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 409-416.	1.9	205
51	Naturally driven variability in the global secondary organic aerosol over a decade. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 1891-1904.	1.9	60
52	Organic aerosol and global climate modelling: a review. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 1053-1123.	1.9	2,947
53	Modeling secondary organic aerosol formation from oxidation of $\alpha$ -pinene, $\beta$ -pinene, and limonene. <i>Atmospheric Environment</i> , 2005, 39, 7731-7744.	1.9	65
54	A new environmental chamber for evaluation of gas-phase chemical mechanisms and secondary aerosol formation. <i>Atmospheric Environment</i> , 2005, 39, 7768-7788.	1.9	192

#	ARTICLE	IF	CITATIONS
55	Influence of Biogenic Secondary Organic Aerosol Formation Approaches on Atmospheric Chemistry. <i>Journal of Atmospheric Chemistry</i> , 2005, 51, 235-270.	1.4	17
56	Coupling between Land Ecosystems and the Atmospheric Hydrologic Cycle through Biogenic Aerosol Pathways. <i>Bulletin of the American Meteorological Society</i> , 2005, 86, 1738-1742.	1.7	43
57	Time Resolved Infrared Spectroscopic Analysis of Aerosol Formed by Photo-Oxidation of 1,3,5-Trimethylbenzene and $\alpha$ -Pinene. <i>Aerosol Science and Technology</i> , 2005, 39, 822-830.	1.5	54
58	Laboratory studies on secondary organic aerosol formation from terpenes. <i>Faraday Discussions</i> , 2005, 130, 279.	1.6	67
59	Kinetic Mechanism for Predicting Secondary Organic Aerosol Formation from the Reaction of Limonene with Ozone. <i>Environmental Science &amp; Technology</i> , 2005, 39, 9583-9594.	4.6	151
60	Calculations of Incremental Secondary Organic Aerosol Reactivity. <i>Environmental Science &amp; Technology</i> , 2005, 39, 1724-1730.	4.6	16
61	Cloud condensation nucleus activation properties of biogenic secondary organic aerosol. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	110
62	Role of canopy-scale photochemistry in modifying biogenic-atmosphere exchange of reactive terpene species: Results from the CELTIC field study. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	117
63	Global impacts of gas-phase chemistry-aerosol interactions on direct radiative forcing by anthropogenic aerosols and ozone. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	217
64	Role of climate change in global predictions of future tropospheric ozone and aerosols. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	230
65	Secondary aerosol formation from the oxidation of biogenic hydrocarbons by chlorine atoms. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	45
66	Global secondary organic aerosol from isoprene oxidation. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	402
67	Secondary Organic Aerosol Formation from Limonene Ozonolysis: Homogeneous and Heterogeneous Influences as a Function of NO <sub>x</sub> . <i>Journal of Physical Chemistry A</i> , 2006, 110, 11053-11063.	1.1	146
68	Characterization of organic compounds in aerosol particles from a coniferous forest by GC-MS. <i>Chemosphere</i> , 2006, 64, 1185-1195.	4.2	62
69	C <sub>2</sub> H <sub>2</sub> and C <sub>10</sub> H <sub>8</sub> hydrocarbon emissions from a boreal wetland and forest floor. <i>Biogeosciences</i> , 2006, 3, 167-174.	1.3	103
70	Direct measurement of particle formation and growth from the oxidation of biogenic emissions. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 4403-4413.	1.9	65
71	Analysis and quantification of the diversities of aerosol life cycles within AeroCom. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 1777-1813.	1.9	1,202
72	Impact of climate variability and land use changes on global biogenic volatile organic compound emissions. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 2129-2146.	1.9	301

#	ARTICLE	IF	CITATIONS
73	Change in global aerosol composition since preindustrial times. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 5143-5162.	1.9	168
74	A source study of PM in Saxony by Size-Segregated Characterisation. <i>Journal of Atmospheric Chemistry</i> , 2006, 55, 103-130.	1.4	35
75	Capillary-HPLC-ESI-MS/MS method for the determination of acidic products from the oxidation of monoterpenes in atmospheric aerosol samples. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 34-45.	1.9	74
76	Atmospheric organic and bio-aerosols as cloud condensation nuclei (CCN): A review. <i>Atmospheric Environment</i> , 2006, 40, 795-820.	1.9	312
77	Formation of secondary organic particle phase compounds from isoprene gas-phase oxidation products: An aerosol chamber and field study. <i>Atmospheric Environment</i> , 2006, 40, 2501-2509.	1.9	109
78	Sesquiterpene emissions from loblolly pine and their potential contribution to biogenic aerosol formation in the Southeastern US. <i>Atmospheric Environment</i> , 2006, 40, 4150-4157.	1.9	128
82	Effect of NO <sub>x</sub> level on secondary organic aerosol (SOA) formation from the photooxidation of terpenes. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 5159-5174.	1.9	423
83	Ozonolysis of $\alpha$ -pinene: parameterization of secondary organic aerosol mass fraction. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 3811-3821.	1.9	166
84	Secondary organic aerosol in the global aerosol " chemical transport model Oslo CTM2. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 5675-5694.	1.9	105
85	Evidence for the Existence of Organosulfates from $\alpha$ -Pinene Ozonolysis in Ambient Secondary Organic Aerosol. <i>Environmental Science &amp; Technology</i> , 2007, 41, 6678-6683.	4.6	284
86	Sesquiterpene Emissions from Pine Trees - Identifications, Emission Rates and Flux Estimates for the Contiguous United States. <i>Environmental Science &amp; Technology</i> , 2007, 41, 1545-1553.	4.6	159
87	Secondary Organic Aerosol Formation from <i>m</i> -Xylene in the Absence of NO <sub>x</sub> . <i>Environmental Science &amp; Technology</i> , 2007, 41, 7409-7416.	4.6	35
88	Effects of additional nonmethane volatile organic compounds, organic nitrates, and direct emissions of oxygenated organic species on global tropospheric chemistry. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	100
89	Ozonolysis of $\alpha$ -pinene at atmospherically relevant concentrations: Temperature dependence of aerosol mass fractions (yields). <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	175
90	Particle nucleation following the O <sub>3</sub> and OH initiated oxidation of $\alpha$ -pinene and $\beta$ -pinene between 278 and 320 K. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	38
91	Biogenic secondary organic aerosol over the United States: Comparison of climatological simulations with observations. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	210
92	Cloud droplet activation of secondary organic aerosol. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	196
93	Source apportionment of PM <sub>2.5</sub> organic aerosol over Europe: Primary/secondary, natural/anthropogenic, and fossil/biogenic origin. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	391

#	ARTICLE	IF	CITATIONS
94	Modeling carbonaceous aerosol over Europe: Analysis of the CARBOSOL and EMEP EC/OC campaigns. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	171
95	Towards a comprehensive emission inventory of terpenoids from boreal ecosystems. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2007, 59, 526-534.	0.8	66
96	Model evidence for a significant source of secondary organic aerosol from isoprene. <i>Atmospheric Environment</i> , 2007, 41, 1267-1274.	1.9	57
97	Primary source attribution and analysis of $\alpha$ -pinene photooxidation products in Duke Forest, North Carolina. <i>Atmospheric Environment</i> , 2007, 41, 2958-2966.	1.9	26
98	Secondary organic aerosol importance in the future atmosphere. <i>Atmospheric Environment</i> , 2007, 41, 4682-4692.	1.9	219
99	Estimates of the contributions of biogenic and anthropogenic hydrocarbons to secondary organic aerosol at a southeastern US location. <i>Atmospheric Environment</i> , 2007, 41, 8288-8300.	1.9	459
100	Large outdoor chamber experiments and computer simulations: (I) Secondary organic aerosol formation from the oxidation of a mixture of d-limonene and $\alpha$ -pinene. <i>Atmospheric Environment</i> , 2007, 41, 9341-9352.	1.9	24
101	Determination of isoprene and $\alpha$ -pinene oxidation products in boreal forest aerosols from Hyttiälä, Finland: diel variations and possible link with particle formation events. <i>Plant Biology</i> , 2008, 10, 138-149.	1.8	81
102	Aerosol-cloud-precipitation interactions. Part 1. The nature and sources of cloud-active aerosols. <i>Earth-Science Reviews</i> , 2008, 89, 13-41.	4.0	1,344
103	Contribution of isoprene to chemical budgets: A model tracer study with the NCAR CTM MOZART-4. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	154
104	Modeling aerosol formation in $\alpha$ -pinene photooxidation experiments. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	85
105	Carbonaceous aerosol at two rural locations in New York State: Characterization and behavior. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	16
106	Regional modeling of organic aerosols over China in summertime. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	71
107	Distribution and direct radiative forcing of carbonaceous and sulfate aerosols in an interactive size-resolving aerosol-climate model. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	81
108	Importance of global aerosol modeling including secondary organic aerosol formed from monoterpene. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	36
109	Contemporary or Fossil Origin: Split of Estimated Secondary Organic Carbon in the Southeastern United States. <i>Environmental Science &amp; Technology</i> , 2008, 42, 9122-9128.	4.6	42
110	Size distribution and new particle formation in subtropical eastern Australia. <i>Environmental Chemistry</i> , 2008, 5, 382.	0.7	14
111	Ozonolysis of $\alpha$ -Pinene: Temperature Dependence of Secondary Organic Aerosol Mass Fraction. <i>Environmental Science &amp; Technology</i> , 2008, 42, 5081-5086.	4.6	38

#	ARTICLE	IF	CITATIONS
112	Secondary Organic Aerosol from Sesquiterpene and Monoterpene Emissions in the United States. <i>Environmental Science &amp; Technology</i> , 2008, 42, 8784-8790.	4.6	67
113	Monoterpene and Sesquiterpene Emission Estimates for the United States. <i>Environmental Science &amp; Technology</i> , 2008, 42, 1623-1629.	4.6	182
114	The effect of organic coating on the heterogeneous ice nucleation efficiency of mineral dust aerosols. <i>Environmental Research Letters</i> , 2008, 3, 025007.	2.2	230
115	Particle mass yield in secondary organic aerosol formed by the dark ozonolysis of $\alpha$ -pinene. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 2073-2088.	1.9	175
116	CCN activity and droplet growth kinetics of fresh and aged monoterpene secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 3937-3949.	1.9	199
117	The influence of natural and anthropogenic secondary sources on the glyoxal global distribution. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 4965-4981.	1.9	174
118	A new European plant-specific emission inventory of biogenic volatile organic compounds for use in atmospheric transport models. <i>Biogeosciences</i> , 2009, 6, 1059-1087.	1.3	138
119	Measurement of atmospheric sesquiterpenes by proton transfer reaction-mass spectrometry (PTR-MS). <i>Atmospheric Measurement Techniques</i> , 2009, 2, 99-112.	1.2	115
120	Biogenic carbon and anthropogenic pollutants combine to form a cooling haze over the southeastern United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8835-8840.	3.3	286
121	Design and Testing of Electrostatic Aerosol <i>In Vitro</i> Exposure System (EAVES): An Alternative Exposure System for Particles. <i>Inhalation Toxicology</i> , 2009, 21, 91-101.	0.8	85
122	Atmospheric organic particulate matter: From smoke to secondary organic aerosol. <i>Atmospheric Environment</i> , 2009, 43, 94-106.	1.9	348
123	Climate responses to direct radiative forcing of anthropogenic aerosols, tropospheric ozone, and long-lived greenhouse gases in eastern China over 1951–2000. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 748-762.	1.9	38
124	Yields of $\beta$ -Hydroxynitrates and Dihydroxynitrates in Aerosol Formed from OH Radical-Initiated Reactions of Linear Alkenes in the Presence of NO <sub>x</sub> . <i>Journal of Physical Chemistry A</i> , 2009, 113, 599-606.	1.1	69
125	Mass Spectra Deconvolution of Low, Medium, and High Volatility Biogenic Secondary Organic Aerosol. <i>Environmental Science &amp; Technology</i> , 2009, 43, 4884-4889.	4.6	84
126	Isoprene, Monoterpene, and Sesquiterpene Oxidation Products in the High Arctic Aerosols during Late Winter to Early Summer. <i>Environmental Science &amp; Technology</i> , 2009, 43, 4022-4028.	4.6	149
127	The gas-phase ozonolysis of $\beta$ -caryophyllene (C <sub>15</sub> H <sub>24</sub> ). Part I: an experimental study. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 4152.	1.3	135
128	Temperature dependence of the rate coefficient for the $\alpha$ -pinene reaction with ozone in the range between 243 K and 303 K. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 2323.	1.3	4
129	Effect of chemistry–aerosol–climate coupling on predictions of future climate and future levels of tropospheric ozone and aerosols. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	52



#	ARTICLE	IF	CITATIONS
130	Natural volatile organic compound emissions from plants and their roles in oxidant balance and particle formation. <i>Geophysical Monograph Series</i> , 2009, , 183-206.	0.1	25
131	Leaf level emission measurement of sesquiterpenes and oxygenated sesquiterpenes from desert shrubs and temperate forest trees using a liquid extraction technique. <i>Geochemical Journal</i> , 2009, 43, 179-189.	0.5	18
132	Organic nitrate and secondary organic aerosol yield from NO <sub>2</sub> oxidation of $\beta$ -pinene evaluated using a gas-phase kinetics/aerosol partitioning model. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 1431-1449.	1.9	277
133	Temperature dependence of yields of secondary organic aerosols from the ozonolysis of $\beta$ -pinene and limonene. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 1551-1577.	1.9	190
134	Sensitivity of aerosol concentrations and cloud properties to nucleation and secondary organic distribution in ECHAM5-HAM global circulation model. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 1747-1766.	1.9	153
135	Anthropogenic influence on SOA and the resulting radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 2715-2728.	1.9	74
136	Secondary organic aerosol from biogenic VOCs over West Africa during AMMA. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 3841-3850.	1.9	85
137	Formation of secondary organic aerosol from isoprene oxidation over Europe. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 7003-7030.	1.9	25
138	Relating CCN activity, volatility, and droplet growth kinetics of $\beta$ -caryophyllene secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 795-812.	1.9	170
140	New trajectory-driven aerosol and chemical process model Chemical and Aerosol Lagrangian Model (CALM). <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10161-10185.	1.9	14
141	Global modeling of organic aerosol: the importance of reactive nitrogen (NO <sub>x</sub> and NO <sub>3</sub> ). <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11261-11276.	1.9	242
142	Secondary organic aerosol production from modern diesel engine emissions. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 609-625.	1.9	43
143	Ab initio investigation of O <sub>3</sub> addition to double bonds of limonene. <i>Chemical Physics</i> , 2010, 368, 108-112.	0.9	22
144	Sensitivity of biogenic secondary organic aerosols to future climate change at regional scales: An online coupled simulation. <i>Atmospheric Environment</i> , 2010, 44, 4891-4907.	1.9	24
145	Chemical composition of volatile and extractive compounds of pine and spruce leaf litter in the initial stages of decomposition. <i>Biogeosciences</i> , 2010, 7, 2785-2794.	1.3	51
146	Identification of Organic Nitrates in the NO <sub>3</sub> Radical Initiated Oxidation of $\beta$ -Pinene by Atmospheric Pressure Chemical Ionization Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2010, 44, 5887-5893.	4.6	63
147	To What Extent Can Biogenic SOA be Controlled?. <i>Environmental Science &amp; Technology</i> , 2010, 44, 3376-3380.	4.6	254
148	Global climate response to anthropogenic aerosol indirect effects: Present day and year 2100. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	26

#	ARTICLE	IF	CITATIONS
149	Modeling secondary organic aerosol in CMAQ using multigenerational oxidation of semi-volatile organic compounds. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	26
150	The influence of semi-volatile and reactive primary emissions on the abundance and properties of global organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7727-7746.	1.9	86
151	The influence of temperature and aerosol acidity on biogenic secondary organic aerosol tracers: Observations at a rural site in the central Pearl River Delta region, South China. <i>Atmospheric Environment</i> , 2011, 45, 1303-1311.	1.9	131
152	The chemical mechanism of the limonene ozonolysis reaction in the SOA formation: A quantum chemistry and direct dynamic study. <i>Atmospheric Environment</i> , 2011, 45, 1725-1731.	1.9	33
153	Volatility of secondary organic aerosol from the ozonolysis of monoterpenes. <i>Atmospheric Environment</i> , 2011, 45, 2443-2452.	1.9	73
154	Volatile organic compound emissions from switchgrass cultivars used as biofuel crops. <i>Atmospheric Environment</i> , 2011, 45, 3333-3337.	1.9	30
155	Secondary organic aerosol formation and source apportionment in Southeast Texas. <i>Atmospheric Environment</i> , 2011, 45, 3217-3227.	1.9	59
156	Chemical mechanism and kinetics study on the ocimene ozonolysis reaction in atmosphere. <i>Atmospheric Environment</i> , 2011, 45, 6197-6203.	1.9	12
157	A disjunct eddy accumulation system for the measurement of BVOC fluxes: instrument characterizations and field deployment. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 2115-2132.	1.2	3
158	Aging of secondary organic aerosol from $\alpha$ -pinene ozonolysis: Roles of hydroxyl and nitrate radicals. <i>Journal of the Air and Waste Management Association</i> , 2012, 62, 1359-1369.	0.9	15
160	Development of a parallel sampling and analysis method for the elucidation of gas/particle partitioning of oxygenated semi-volatile organics: a limonene ozonolysis study. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 1459-1489.	1.2	27
161	The composition and variability of atmospheric aerosol over Southeast Asia during 2008. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1083-1100.	1.9	14
162	Volatility and Aging of Atmospheric Organic Aerosol. <i>Topics in Current Chemistry</i> , 2012, 339, 97-143.	4.0	70
164	Distributions and climate effects of atmospheric aerosols from the preindustrial era to 2100 along Representative Concentration Pathways (RCPs) simulated using the global aerosol model SPRINTARS. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 11555-11572.	1.9	48
165	Determination of gas-phase ozonolysis rate coefficients of a number of sesquiterpenes at elevated temperatures using the relative rate method. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 6596.	1.3	9
166	Nighttime radical observations and chemistry. <i>Chemical Society Reviews</i> , 2012, 41, 6405.	18.7	388
167	Effect of Bark Beetle Infestation on Secondary Organic Aerosol Precursor Emissions. <i>Environmental Science &amp; Technology</i> , 2012, 46, 5696-5703.	4.6	56
168	Submicrometer aerosol particles in the upper troposphere/lowermost stratosphere as measured by CARIBIC and modeled using the MIT CAM3 global climate model. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	8

#	ARTICLE	IF	CITATIONS
169	Air Pollutants and Associated Chemical and Photochemical Processes. , 2012, , 215-242.		2
170	UV-spectroscopy, electronic structure and ozonolytic reactivity of sesquiterpenes: a theoretical study. Journal of Molecular Modeling, 2012, 18, 1455-1462.	0.8	1
171	Computational study of the reaction mechanism and kinetics of ethyl acrylate ozonolysis in atmosphere. Chemical Physics, 2012, 402, 6-13.	0.9	8
172	Atmospheric ozonolysis study of methyl acrylate and methyl 3-methyl acrylate. Structural Chemistry, 2013, 24, 1451-1460.	1.0	4
173	Monoterpene emissions from bark beetle infested Engelmann spruce trees. Atmospheric Environment, 2013, 72, 130-133.	1.9	26
174	Kinetics and Thermodynamics of Atmospherically Relevant Aqueous Phase Reactions of $\alpha$ -Pinene Oxide. Journal of Physical Chemistry A, 2013, 117, 4223-4232.	1.1	27
175	Atmospheric nanoparticles and climate change. AIChE Journal, 2013, 59, 4006-4019.	1.8	8
176	Characterization of secondary organic aerosol generated from ozonolysis of $\alpha$ -pinene mixtures. Atmospheric Environment, 2013, 67, 323-330.	1.9	14
177	Gas-phase products and secondary organic aerosol formation from the ozonolysis and photooxidation of myrcene. Atmospheric Environment, 2013, 79, 553-560.	1.9	25
178	Similarities in STXM-NEXAFS Spectra of Atmospheric Particles and Secondary Organic Aerosol Generated from Glyoxal, $\alpha$ -Pinene, Isoprene, 1,2,4-Trimethylbenzene, and d-Limonene. Aerosol Science and Technology, 2013, 47, 543-555.	1.5	6
179	CCN activity and volatility of $\beta$ -caryophyllene secondary organic aerosol. Atmospheric Chemistry and Physics, 2013, 13, 2283-2297.	1.9	33
180	Photo-oxidation of pinonaldehyde at low NO <sub>x</sub> : from chemistry to organic aerosol formation. Atmospheric Chemistry and Physics, 2013, 13, 3227-3236.	1.9	27
181	Measurements of reactive trace gases and variable O <sub>3</sub> formation rates in some South Carolina biomass burning plumes. Atmospheric Chemistry and Physics, 2013, 13, 1141-1165.	1.9	170
182	Multiscale analysis of satellite-derived vegetation parameters for biogenic VOC emission modeling. Proceedings of SPIE, 2013, , .	0.8	0
183	The responses of cloudiness to the direct radiative effect of sulfate and carbonaceous aerosols. Journal of Geophysical Research D: Atmospheres, 2014, 119, 1172-1185.	1.2	17
185	Human land-use-driven reduction of forest volatiles cools global climate. Nature Climate Change, 2014, 4, 907-910.	8.1	140
186	Influence of the spatial resolution of satellite-derived vegetation parameters on the biogenic Volatile Organic Compounds (VOC) emission modeling. Open Geosciences, 2014, 6, .	0.6	1
187	Experimental Study of the Reactions of Limonene with OH and OD Radicals: Kinetics and Products. Journal of Physical Chemistry A, 2014, 118, 9482-9490.	1.1	16

#	ARTICLE	IF	CITATIONS
188	Accuracy of near-surface aerosol extinction determined from columnar aerosol optical depth measurements in Reno, NV, USA. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 11,355.	1.2	7
189	On the role of plant volatiles in anthropogenic global climate change. <i>Geophysical Research Letters</i> , 2014, 41, 8563-8569.	1.5	53
190	The AeroCom evaluation and intercomparison of organic aerosol in global models. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10845-10895.	1.9	363
191	Quantifying the contributions of natural emissions to ozone and total fine PM concentrations in the Northern Hemisphere. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2735-2756.	1.9	36
192	Oligomer formation within secondary organic aerosols: equilibrium and dynamic considerations. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 3691-3701.	1.9	65
193	Aircraft measurements of polar organic tracer compounds in tropospheric particles (PM <sub>10</sub> ) over central China. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4185-4199.	1.9	32
194	The direct and indirect radiative effects of biogenic secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 447-470.	1.9	175
195	Global data set of biogenic VOC emissions calculated by the MEGAN model over the last 30 years. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9317-9341.	1.9	648
196	Does the POA-SOA split matter for global CCN formation?. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 995-1010.	1.9	6
197	Formation and chemical aging of secondary organic aerosol during the $\beta$ -caryophyllene oxidation. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 6035-6046.	1.9	46
198	Relating hygroscopicity and optical properties to chemical composition and structure of secondary organic aerosol particles generated from the ozonolysis of $\beta$ -pinene. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3339-3358.	1.9	33
199	Limited effect of anthropogenic nitrogen oxides on secondary organic aerosol formation. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 13487-13506.	1.9	17
200	Multi-generational oxidation model to simulate secondary organic aerosol in a 3-D air quality model. <i>Geoscientific Model Development</i> , 2015, 8, 2553-2567.	1.3	34
201	Reaction Kinetics of Trans-Sobrerol and 8-p-Menthen-1,2-diol with Hydroxyl Radical in Aqueous Solution: A Combined Experimental and Theoretical Study. <i>Chinese Journal of Chemical Physics</i> , 2015, 28, 308-314.	0.6	0
203	Atmospheric benzenoid emissions from plants rival those from fossil fuels. <i>Scientific Reports</i> , 2015, 5, 12064.	1.6	104
204	Modeling the Radical Chemistry in an Oxidation Flow Reactor: Radical Formation and Recycling, Sensitivities, and the OH Exposure Estimation Equation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4418-4432.	1.1	126
205	Chemistry and the Linkages between Air Quality and Climate Change. <i>Chemical Reviews</i> , 2015, 115, 3856-3897.	23.0	315
206	Experimental determination of the partitioning coefficient of $\beta$ -pinene oxidation products in SOAs. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14796-14804.	1.3	14

#	ARTICLE	IF	CITATIONS
207	A characterization of volatile organic compounds and secondary organic aerosol at a mountain site in the Southeastern United States. <i>Journal of Atmospheric Chemistry</i> , 2015, 72, 81-104.	1.4	12
208	Gas-Phase Reaction of Hydroxyl Radical with <i>p</i> -Cymene over an Extended Temperature Range. <i>Journal of Physical Chemistry A</i> , 2015, 119, 11076-11083.	1.1	7
209	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. <i>Atmospheric Environment</i> , 2016, 130, 105-112.	1.9	21
210	Secondary organic aerosol formation by limonene ozonolysis: Parameterizing multi-generational chemistry in ozone- and residence time-limited indoor environments. <i>Atmospheric Environment</i> , 2016, 144, 79-86.	1.9	23
211	Computational investigation into the gas-phase ozonolysis of the conjugated monoterpene $\beta$ -phellandrene. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27991-28002.	1.3	14
212	Predicting the evolution of secondary organic aerosol (SOA) size distributions due to limonene ozonolysis in indoor environments. <i>Building and Environment</i> , 2016, 108, 252-262.	3.0	4
213	Gas-phase ozonolysis of $\beta$ -ocimene: Temperature dependent rate coefficients and product distribution. <i>Atmospheric Environment</i> , 2016, 147, 46-54.	1.9	4
214	BAERLIN2014 – the influence of land surface types on and the horizontal heterogeneity of air pollutant levels in Berlin. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7785-7811.	1.9	25
215	Impact of NO <sub>2</sub> and OH on secondary organic aerosol formation from $\beta$ -pinene photooxidation. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11237-11248.	1.9	89
216	Speciated measurements of semivolatile and intermediate volatility organic compounds (S/IVOCs) in a pine forest during BEACHON-RoMBAS 2011. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 1187-1205.	1.9	28
217	Current estimates of biogenic emissions from eucalypts uncertain for southeast Australia. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6997-7011.	1.9	44
218	Seasonal variations of biogenic secondary organic aerosol tracers in ambient aerosols from Alaska. <i>Atmospheric Environment</i> , 2016, 130, 95-104.	1.9	53
219	Anthropogenic and biogenic organic compounds in summertime fine aerosols (PM <sub>2.5</sub> ) in Beijing, China. <i>Atmospheric Environment</i> , 2016, 124, 166-175.	1.9	55
220	Modeling organic aerosols over east China using a volatility basis-set approach with aging mechanism in a regional air quality model. <i>Atmospheric Environment</i> , 2016, 124, 186-198.	1.9	53
221	Air-sea exchange of biogenic volatile organic compounds and the impact on aerosol particle size distributions. <i>Geophysical Research Letters</i> , 2017, 44, 3887-3896.	1.5	42
222	The quasi-unchanged gas-phase molecular structures of the atmospheric aerosol precursor $\beta$ -pinene and its oxidation product nopinone. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13819-13827.	1.3	19
223	Alkoxy Radical Bond Scissions Explain the Anomalously Low Secondary Organic Aerosol and Organonitrate Yields From $\beta$ -Pinene + NO <sub>3</sub> . <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2826-2834.	2.1	50
224	Impact on short-lived climate forcers (SLCFs) from a realistic land-use change scenario via changes in biogenic emissions. <i>Faraday Discussions</i> , 2017, 200, 101-120.	1.6	7

#	ARTICLE	IF	CITATIONS
225	Aerosol climate change effects on land ecosystem services. <i>Faraday Discussions</i> , 2017, 200, 121-142.	1.6	19
226	Direct Measurements of Gas/Particle Partitioning and Mass Accommodation Coefficients in Environmental Chambers. <i>Environmental Science &amp; Technology</i> , 2017, 51, 11867-11875.	4.6	44
227	Air quality and health effects of biogenic volatile organic compounds emissions from urban green spaces and the mitigation strategies. <i>Environmental Pollution</i> , 2017, 230, 849-861.	3.7	81
228	Cloud Activation Potentials for Atmospheric $\alpha$ -Pinene and $\beta$ -Caryophyllene Ozonolysis Products. <i>ACS Central Science</i> , 2017, 3, 715-725.	5.3	40
229	The gas phase structure of $\alpha$ -pinene, a main biogenic volatile organic compound. <i>Journal of Chemical Physics</i> , 2017, 147, 214305.	1.2	20
230	Ozonolysis of $\alpha$ -pinene and $\beta$ -pinene. Part 1: Gas- and particle-phase characterisation. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6583-6609.	1.9	11
231	Life cycle air quality impacts on human health from potential switchgrass production in the United States. <i>Biomass and Bioenergy</i> , 2018, 114, 73-82.	2.9	16
232	Multi-generation chemical aging of $\alpha$ -pinene ozonolysis products by reactions with OH. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3589-3601.	1.9	17
233	The Present and Future of Secondary Organic Aerosol Direct Forcing on Climate. <i>Current Climate Change Reports</i> , 2018, 4, 84-98.	2.8	51
234	On the representation of aerosol activation and its influence on model-derived estimates of the aerosol indirect effect. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7961-7983.	1.9	23
235	Atmospheric Oxidation Mechanism of Sabinene Initiated by the Hydroxyl Radicals. <i>Journal of Physical Chemistry A</i> , 2018, 122, 8783-8793.	1.1	6
236	Characterization of biogenic primary and secondary organic aerosols in the marine atmosphere over the East China Sea. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13947-13967.	1.9	54
237	The oxidation regime and SOA composition in limonene ozonolysis: roles of different double bonds, radicals, and water. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15105-15123.	1.9	25
238	Observations of sesquiterpenes and their oxidation products in central Amazonia during the wet and dry seasons. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10433-10457.	1.9	53
239	Effect of straw incorporation on aldehyde emissions from a maize cropping system: A field experiment. <i>Atmospheric Environment</i> , 2018, 189, 116-124.	1.9	3
240	Indoor Illumination of Terpenes and Bleach Emissions Leads to Particle Formation and Growth. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11792-11800.	4.6	47
241	Effects of two different biogenic emission models on modelled ozone and aerosol concentrations in Europe. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3747-3768.	1.9	36
242	Secondary organic aerosol of PM <sub>2.5</sub> in a mountainous forest area in southeastern China: Molecular compositions and tracers implication. <i>Science of the Total Environment</i> , 2019, 653, 496-503.	3.9	32

#	ARTICLE	IF	CITATIONS
243	Oxygenated Aromatic Compounds are Important Precursors of Secondary Organic Aerosol in Biomass-Burning Emissions. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8568-8579.	4.6	72
244	Criegee intermediate decomposition pathways for the formation of o-toluic acid and 2-methylphenylformate. <i>Chemical Physics Letters</i> , 2020, 748, 137399.	1.2	0
245	Molecular composition and source apportionment of fine organic aerosols in Northeast China. <i>Atmospheric Environment</i> , 2020, 239, 117722.	1.9	17
246	Role of the Terrestrial Biosphere in Atmospheric Chemistry and Climate. <i>Accounts of Chemical Research</i> , 2020, 53, 1260-1268.	7.6	18
247	Evidence and evolution of Criegee intermediates, hydroperoxides and secondary organic aerosols formed via ozonolysis of $\alpha$ -pinene. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 6528-6537.	1.3	14
248	Molecular markers for fungal spores and biogenic SOA over the Antarctic Peninsula: Field measurements and modeling results. <i>Science of the Total Environment</i> , 2021, 762, 143089.	3.9	7
249	The production and hydrolysis of organic nitrates from OH radical oxidation of $\alpha$ -pinene. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 129-145.	1.9	16
250	Volatilome of Aleppo Pine litter over decomposition process. <i>Ecology and Evolution</i> , 2021, 11, 6862-6880.	0.8	5
251	Seasonal Characteristics of Biogenic Secondary Organic Aerosols Over Chichijima Island in the Western North Pacific: Impact of Biomass Burning Activity in East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD032987.	1.2	7
252	Secondary Organic Aerosols in PM <sub>2.5</sub> in Bengbu, a Typical City in Central China: Concentration, Seasonal Variation and Sources. <i>Atmosphere</i> , 2021, 12, 854.	1.0	7
253	On the Ship Particle Number Emission Index: Size-Resolved Microphysics and Key Controlling Parameters. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034427.	1.2	2
254	Measurement report: Biogenic volatile organic compound emission profiles of rapeseed leaf litter and its secondary organic aerosol formation potential. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 12613-12629.	1.9	4
256	Global Organic Emissions from Vegetation. <i>Advances in Global Change Research</i> , 2004, , 115-170.	1.6	65
257	Sources and Nature of Atmospheric Aerosols. , 2009, , 45-89.		11
258	Modeling Emissions and Chemistry of Monoterpenes for Regional Models. <i>The IMA Volumes in Mathematics and Its Applications</i> , 2002, , 309-332.	0.5	1
260	Atmospheric aerosol particles. , 0, , 213-293.		1
261	Aerosol particles in the troposphere. , 0, , 197-252.		18
262	Contributions of Biogenic and Anthropogenic Hydrocarbons to Secondary Organic Aerosol during 2006 in Research Triangle Park, NC. <i>Aerosol and Air Quality Research</i> , 2011, 11, 99-108.	0.9	50

#	ARTICLE	IF	CITATIONS
263	The effects of morphology, mobility size, and secondary organic aerosol (SOA) material coating on the ice nucleation activity of black carbon in the cirrus regime. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 13957-13984.	1.9	23
289	3-D Tropospheric Model Development: Impact of Non Methane Hydrocarbon Chemistry. , 2000, , 13-24.		0
290	Organic Aerosols: Origin, Composition and Influence on Tropospheric Processes. , 2001, , 132-142.		1
291	Modelling of Ozone and Secondary Organic Aerosol across Europe: Results from the EMEP models. , 2002, , 51-56.		0
294	An evaluation of SOA modelling in the Madrid metropolitan area. , 2008, , .		1
303	The Impact of Biogenic SOA on Particle and Cloud Condensation Nuclei Concentration. Springer Theses, 2014, , 53-73.	0.0	0
309	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. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 1373-1393.	1.9	11
310	High-resolution biogenic global emission inventory for the time period 2000â€“2019 for air quality modelling. <i>Earth System Science Data</i> , 2022, 14, 251-270.	3.7	32
311	Hygroscopicity of internally mixed ammonium sulfate and secondary organic aerosol particles formed at low and high relative humidity. <i>Environmental Science Atmospheres</i> , 0, , .	0.9	3
313	Seasonal shifts in isoprenoid emission composition from three hyperdominant tree species in central Amazonia. <i>Plant Biology</i> , 2022, 24, 721-733.	1.8	2
314	Removal of VOCs from wood processing ventilation air by advanced oxidation gas-to-particle prototype system. <i>Chemical Engineering Research and Design</i> , 2022, 161, 520-527.	2.7	2
315	Two-way coupled meteorology and air quality models in Asia: a systematic review and meta-analysis of impacts of aerosol feedbacks on meteorology and air quality. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5265-5329.	1.9	13
316	The sensitivities of ozone and PM2.5 concentrations to the satellite-derived leaf area index over East Asia and its neighboring seas in the WRF-CMAQ modeling system. <i>Environmental Pollution</i> , 2022, 306, 119419.	3.7	6
317	Aerosol mass spectrometry of neutral species based on a tunable vacuum ultraviolet free electron laser. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 16484-16492.	1.3	5
318	PM2.5-bound biogenic secondary organic aerosol tracers over a regionally representative site in central India: Characteristics and sources. <i>Atmospheric Environment</i> , 2023, 294, 119516.	1.9	2
319	Organic synthesis in the study of terpene-derived oxidation products in the atmosphere. <i>Natural Product Reports</i> , 2023, 40, 890-921.	5.2	2
321	Emissions on Global Scale. , 2023, , 1-42.		0
323	Natural Emissions on Global Scale. , 2023, , 1-42.		0



#	ARTICLE	IF	CITATIONS
324	Herbal drugs as antibiotics. , 2023, , 479-532.		0
325	Natural Emissions on Global Scale. , 2023, , 53-93.		0