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List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

4,833
citations

94269

37
h-index

106150

65
g-index

82
all docs

82
docs citations

82
times ranked

4559
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and sources of aerosol particles over the southeastern Tibetan Plateau during the Southeast Asia biomass-burning season. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 63, 117.	0.8	105
2	Levogluconan enhancement in ambient aerosol during springtime transport events of biomass burning smoke to Southeast China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 63, 129.	0.8	54
3	Implications of regional surface ozone increases on visibility degradation in southeast China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 64, 19625.	0.8	10
4	Seasonal variations of anhydrosugars in PM _{2.5} in the Pearl River Delta Region, China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 66, 22577.	0.8	55
5	Observational insights into the compound environmental effect for 2-methyltetrols formation under humid ambient conditions. <i>Chemosphere</i> , 2022, 289, 133153.	4.2	3
6	Determination of PM1 Sources at a Prague Background Site during the 2012–2013 Period Using PMF Analysis of Combined Aerosol Mass Spectra. <i>Atmosphere</i> , 2022, 13, 20.	1.0	0
7	Measurement report: Chemical characteristics of PM _{2.5} during typical biomass burning season at an agricultural site of the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3181-3192.	1.9	17
8	Carbonaceous aerosol composition in air masses influenced by large-scale biomass burning: a case study in northwestern Vietnam. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 8293-8312.	1.9	11
9	Biomass burning impacts on ambient aerosol at a background site in East China: Insights from a yearlong study. <i>Atmospheric Research</i> , 2020, 231, 104660.	1.8	27
10	Characteristics and determinants of personal exposure to PM2.5 mass and components in adult subjects in the megacity of Guangzhou, China. <i>Atmospheric Environment</i> , 2020, 224, 117295.	1.9	12
11	Carbonaceous Aerosol Emitted from Biofuel Household Stove Combustion in South China. <i>Atmosphere</i> , 2020, 11, 112.	1.0	6
12	Influence of High Relative Humidity on Secondary Organic Carbon: Observations at a Background Site in East China. <i>Journal of Meteorological Research</i> , 2019, 33, 905-913.	0.9	13
13	Effect of flow rate on detection limit of particle size for a steam-based aerosol collector. <i>Atmospheric Environment</i> , 2019, 202, 160-166.	1.9	2
14	Computational fluid dynamics study of the effects of flow and geometry parameters on a linear-slit virtual impactor for sampling and concentrating aerosols. <i>Journal of Aerosol Science</i> , 2019, 131, 28-40.	1.8	15
15	Aerosol Emissions from Long-lasting Smoldering of Boreal Peatlands: Chemical Composition, Markers, and Microstructure. <i>Aerosol and Air Quality Research</i> , 2019, 19, 484-503.	0.9	20
16	Effect of Large-scale Biomass Burning on Aerosol Optical Properties at the GAW Regional Station Pha Din, Vietnam. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1172-1187.	0.9	16
17	Chemical speciation, including polycyclic aromatic hydrocarbons (PAHs), and toxicity of particles emitted from meat cooking operations. <i>Science of the Total Environment</i> , 2018, 633, 1429-1436.	3.9	46
18	Biomarkers as indicators of fungal biomass in the atmosphere of São Paulo, Brazil. <i>Science of the Total Environment</i> , 2018, 612, 809-821.	3.9	21

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19	Characterization of ambient-generated exposure to fine particles using sulfate as a tracer in the Chinese megacity of Guangzhou. <i>Science of the Total Environment</i> , 2017, 580, 347-357.	3.9	13
20	Brown and black carbon in Beijing aerosol: Implications for the effects of brown coating on light absorption by black carbon. <i>Science of the Total Environment</i> , 2017, 599-600, 1047-1055.	3.9	92
21	Chemical characterization and sources of personal exposure to fine particulate matter (PM2.5) in the megacity of Guangzhou, China. <i>Environmental Pollution</i> , 2017, 231, 871-881.	3.7	34
22	Chemical characteristics of PM 2.5 during summer at a background site of the Yangtze River Delta in China. <i>Atmospheric Research</i> , 2017, 198, 163-172.	1.8	29
23	Contribution of fungal spores to organic carbon in ambient aerosols in Beijing, China. <i>Atmospheric Pollution Research</i> , 2017, 8, 351-358.	1.8	18
24	Chemical Composition of Fog Water at Four Sites in Taiwan. <i>Aerosol and Air Quality Research</i> , 2016, 16, 618-631.	0.9	28
25	Impact of Smoke Intensity on Size-Resolved Aerosol Composition and Microstructure during the Biomass Burning Season in Northwest Vietnam. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2635-2654.	0.9	24
26	Aerosol transport from Chiang Mai, Thailand to Mt. Lulin, Taiwan – Implication of aerosol aging during long-range transport. <i>Atmospheric Environment</i> , 2016, 137, 101-112.	1.9	22
27	Optical-microphysical and physical-chemical characteristics of Siberian biomass burning: Experiments in Aerosol Chamber. <i>Atmospheric and Oceanic Optics</i> , 2016, 29, 492-500.	0.6	25
28	Fluorescent bioaerosol particle, molecular tracer, and fungal spore concentrations during dry and rainy periods in a semi-arid forest. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 15165-15184.	1.9	73
29	Light absorption by biomass burning source emissions. <i>Atmospheric Environment</i> , 2016, 127, 347-354.	1.9	34
30	Seasonal variations and source estimation of saccharides in atmospheric particulate matter in Beijing, China. <i>Chemosphere</i> , 2016, 150, 365-377.	4.2	86
31	The characteristics of brown carbon aerosol during winter in Beijing. <i>Atmospheric Environment</i> , 2016, 127, 355-364.	1.9	213
32	Source Apportionment: Principles and Methods. <i>Issues in Environmental Science and Technology</i> , 2016, , 72-125.	0.4	14
33	Comprehensive PM2.5 Organic Molecular Composition and Stable Carbon Isotope Ratios at Sonla, Vietnam: Fingerprint of Biomass Burning Components. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2618-2634.	0.9	21
34	Diesel/biofuel exhaust particles from modern internal combustion engines: Microstructure, composition, and hygroscopicity. <i>Fuel</i> , 2015, 157, 232-239.	3.4	42
35	Significant influence of fungi on coarse carbonaceous and potassium aerosols in a tropical rainforest. <i>Environmental Research Letters</i> , 2015, 10, 034015.	2.2	26
36	Characteristics and applications of size-segregated biomass burning tracers in China's Pearl River Delta region. <i>Atmospheric Environment</i> , 2015, 102, 290-301.	1.9	62

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37	Small-Scale Study of Siberian Biomass Burning: I. Smoke Microstructure. <i>Aerosol and Air Quality Research</i> , 2015, 15, 117-128.	0.9	29
38	The characteristics of Beijing aerosol during two distinct episodes: Impacts of biomass burning and fireworks. <i>Environmental Pollution</i> , 2014, 185, 149-157.	3.7	80
39	Assessing the regional impact of Indonesian biomass burning emissions based on organic molecular tracers and chemical mass balance modeling. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 8043-8054.	1.9	94
40	Characterization of fine particulate black carbon in Guangzhou, a megacity of South China. <i>Atmospheric Pollution Research</i> , 2014, 5, 361-370.	1.8	36
41	Determination of isoprene-derived secondary organic aerosol tracers (2-methyltetrols) by HPAEC-PAD: Results from size-resolved aerosols in a tropical rainforest. <i>Atmospheric Environment</i> , 2013, 70, 468-476.	1.9	44
42	Anhydrosugar characteristics in biomass smoke aerosol – case study of environmental influence on particle-size of rice straw burning aerosol. <i>Journal of Aerosol Science</i> , 2013, 56, 2-14.	1.8	24
43	Rapid detection and quantification of fungal spores in the urban atmosphere by flow cytometry. <i>Journal of Aerosol Science</i> , 2013, 66, 179-186.	1.8	26
44	Chemical composition of PM _{2.5} in an urban environment in Chengdu, China: Importance of springtime dust storms and biomass burning. <i>Atmospheric Research</i> , 2013, 122, 270-283.	1.8	236
45	Influence of Southeast Asian biomass burning on ozone and carbon monoxide over subtropical Taiwan. <i>Atmospheric Environment</i> , 2013, 64, 358-365.	1.9	24
46	Source categories and contribution of biomass smoke to organic aerosol over the southeastern Tibetan Plateau. <i>Atmospheric Environment</i> , 2013, 78, 113-123.	1.9	67
47	Ambient and personal PM _{2.5} exposure assessment in the Chinese megacity of Guangzhou. <i>Atmospheric Environment</i> , 2013, 74, 402-411.	1.9	52
48	Evaluation of fungal spore characteristics in Beijing, China, based on molecular tracer measurements. <i>Environmental Research Letters</i> , 2013, 8, 014005.	2.2	35
49	Biomass burning contribution to Beijing aerosol. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 7765-7781.	1.9	343
50	Characteristics of 2-methyltetrols in ambient aerosol in Beijing, China. <i>Atmospheric Environment</i> , 2012, 59, 376-381.	1.9	23
51	Organosulfates in Humic-like Substance Fraction Isolated from Aerosols at Seven Locations in East Asia: A Study by Ultra-High-Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2012, 46, 13118-13127.	4.6	166
52	Stable Carbon Isotope Ratio Analysis of Anhydrosugars in Biomass Burning Aerosol Particles from Source Samples. <i>Environmental Science & Technology</i> , 2012, 46, 3312-3318.	4.6	37
53	Biogeography in the air: fungal diversity over land and oceans. <i>Biogeosciences</i> , 2012, 9, 1125-1136.	1.3	152
54	PAHs, carbonyls, VOCs and PM _{2.5} emission factors for pre-harvest burning of Florida sugarcane. <i>Atmospheric Environment</i> , 2012, 55, 164-172.	1.9	57

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55	Observation of elevated fungal tracers due to biomass burning in the Sichuan Basin at Chengdu City, China. <i>Science of the Total Environment</i> , 2012, 431, 68-77.	3.9	93
56	Levoglucosan and carbonaceous species in the background aerosol of coastal southeast China: case study on transport of biomass burning smoke from the Philippines. <i>Environmental Science and Pollution Research</i> , 2012, 19, 244-255.	2.7	41
57	Biofuel Combustion Emissions - Chemical and Physical Smoke Properties. , 2011, , .		3
58	Observations of ozone and carbon monoxide at Mei-Feng mountain site (2269 m a.s.l.) in Central Taiwan: Seasonal variations and influence of Asian continental outflow. <i>Science of the Total Environment</i> , 2011, 409, 3033-3042.	3.9	17
59	Change of air quality and its impact on atmospheric visibility in central-western Pearl River Delta. <i>Environmental Monitoring and Assessment</i> , 2011, 172, 339-351.	1.3	42
60	Water uptake and chemical composition of fresh aerosols generated in open burning of biomass. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 5165-5178.	1.9	104
61	Trace gas and particle emissions from domestic and industrial biofuel use and garbage burning in central Mexico. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 565-584.	1.9	199
62	Humic-like substances in fresh emissions of rice straw burning and in ambient aerosols in the Pearl River Delta Region, China. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 6487-6500.	1.9	148
63	Evaluating real-time air-quality data as earthquake indicator. <i>Science of the Total Environment</i> , 2010, 408, 2299-2304.	3.9	13
64	Chemical speciation, transport and contribution of biomass burning smoke to ambient aerosol in Guangzhou, a mega city of China. <i>Atmospheric Environment</i> , 2010, 44, 3187-3195.	1.9	119
65	Contribution of fungal spores to particulate matter in a tropical rainforest. <i>Environmental Research Letters</i> , 2010, 5, 024010.	2.2	80
66	Atmospheric Brown Clouds: From Local Air Pollution to Climate Change. <i>Elements</i> , 2010, 6, 223-228.	0.5	43
67	High wintertime particulate matter pollution over an offshore island (Kinmen) off southeastern China: An overview. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	64
68	Size-Resolved Anhydrosugar Composition in Smoke Aerosol from Controlled Field Burning of Rice Straw. <i>Aerosol Science and Technology</i> , 2009, 43, 662-672.	1.5	179
69	A highly resolved anion-exchange chromatographic method for determination of saccharidic tracers for biomass combustion and primary bio-particles in atmospheric aerosol. <i>Atmospheric Environment</i> , 2009, 43, 1367-1371.	1.9	145
70	Long-term spatial distributions and trends of ambient CO concentrations in the central Taiwan Basin. <i>Atmospheric Environment</i> , 2008, 42, 4320-4331.	1.9	8
71	Particle size characteristics of levoglucosan in ambient aerosols from rice straw burning. <i>Atmospheric Environment</i> , 2008, 42, 8300-8308.	1.9	50
72	Aerosol hygroscopicity and cloud droplet activation of extracts of filters from biomass burning experiments. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	69

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73	Humidification factors from laboratory studies of fresh smoke from biomass fuels. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	49
74	Particle Size Distributions of Organic Aerosol Constituents during the 2002 Yosemite Aerosol Characterization Study. <i>Environmental Science & Technology</i> , 2006, 40, 4554-4562.	4.6	48
75	Smoke-impacted regional haze in California during the summer of 2002. <i>Agricultural and Forest Meteorology</i> , 2006, 137, 25-42.	1.9	55
76	Composition of the fine organic aerosol in Yosemite National Park during the 2002 Yosemite Aerosol Characterization Study. <i>Atmospheric Environment</i> , 2006, 40, 2959-2972.	1.9	58
77	Determination of levoglucosan in biomass combustion aerosol by high-performance anion-exchange chromatography with pulsed amperometric detection. <i>Atmospheric Environment</i> , 2006, 40, 299-311.	1.9	273
78	Determination of Levoglucosan from Smoke Samples Using Microchip Capillary Electrophoresis with Pulsed Amperometric Detection. <i>Environmental Science & Technology</i> , 2005, 39, 618-623.	4.6	63
79	Micronization of water-soluble or alcohol-soluble pharmaceuticals and model compounds with a low-temperature Bubble Dryer [®] . <i>Journal of Supercritical Fluids</i> , 2003, 26, 9-16.	1.6	50
80	A Novel Approach to Bicyclo[3.3.0]octane-2,8-dione. <i>Journal of Organic Chemistry</i> , 1994, 59, 1945-1945.	1.7	6