

Armin Sorooshian

List of Publications by Year in descending order

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205
papers

10,588
citations

28274

55
h-index

48315

88
g-index

266
all docs

266
docs citations

266
times ranked

8083
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Composition of Secondary Organic Aerosol Formed from the Photooxidation of Isoprene. <i>Journal of Physical Chemistry A</i> , 2006, 110, 9665-9690.	2.5	611
2	Evidence for Organosulfates in Secondary Organic Aerosol. <i>Environmental Science & Technology</i> , 2007, 41, 517-527.	10.0	591
3	Effect of NO _x level on secondary organic aerosol (SOA) formation from the photooxidation of terpenes. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 5159-5174.	4.9	423
4	Secondary organic aerosol (SOA) formation from reaction of isoprene with nitrate radicals (NO ₃). <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 4117-4140.	4.9	317
5	Secondary aerosol formation from atmospheric reactions of aliphatic amines. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 2313-2337.	4.9	308
6	The 2010 California Research at the Nexus of Air Quality and Climate Change (CalNex) field study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5830-5866.	3.3	199
7	Comprehensive Simultaneous Shipboard and Airborne Characterization of Exhaust from a Modern Container Ship at Sea. <i>Environmental Science & Technology</i> , 2009, 43, 4626-4640.	10.0	192
8	Oxalic acid in clear and cloudy atmospheres: Analysis of data from International Consortium for Atmospheric Research on Transport and Transformation 2004. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	187
9	On the Source of Organic Acid Aerosol Layers above Clouds. <i>Environmental Science & Technology</i> , 2007, 41, 4647-4654.	10.0	182
10	Investigation of microrubbers, microplastics and heavy metals in street dust: a study in Bushehr city, Iran. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	168
11	Characteristics and health effects of BTEX in a hot spot for urban pollution. <i>Ecotoxicology and Environmental Safety</i> , 2018, 155, 133-143.	6.0	165
12	Comprehensive airborne characterization of aerosol from a major bovine source. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 5489-5520.	4.9	143
13	The urgent need for integrated science to fight COVID-19 pandemic and beyond. <i>Journal of Translational Medicine</i> , 2020, 18, 205.	4.4	128
14	Air pollution prediction by using an artificial neural network model. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 1341-1352.	4.1	127
15	Characterization of 2-methylglyceric acid oligomers in secondary organic aerosol formed from the photooxidation of isoprene using trimethylsilylation and gas chromatography/ion trap mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007, 42, 101-116.	1.6	125
16	Particulate organic acids and overall water-soluble aerosol composition measurements from the 2006 Gulf of Mexico Atmospheric Composition and Climate Study (GoMACCS). <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	121
17	On the precipitation susceptibility of clouds to aerosol perturbations. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	118
18	Heavy metal contamination and health risk assessment in three commercial fish species in the Persian Gulf. <i>Marine Pollution Bulletin</i> , 2018, 129, 245-252.	5.0	118

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19	Modeling and Characterization of a Particle-into-Liquid Sampler (PILS). <i>Aerosol Science and Technology</i> , 2006, 40, 396-409.	3.1	117
20	On the link between ocean biota emissions, aerosol, and maritime clouds: Airborne, ground, and satellite measurements off the coast of California. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	4.9	113
21	Occurrence of lower cloud albedo in ship tracks. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8223-8235.	4.9	103
22	Key parameters controlling OH-initiated formation of secondary organic aerosol in the aqueous phase (aqSOA). <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 3997-4016.	3.3	101
23	Temporal profile of PM 10 and associated health effects in one of the most polluted cities of the world (Ahvaz, Iran) between 2009 and 2014. <i>Aeolian Research</i> , 2016, 22, 135-140.	2.7	101
24	Regional variation of organic functional groups in aerosol particles on four U.S. east coast platforms during the International Consortium for Atmospheric Research on Transport and Transformation 2004 campaign. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	98
25	The Pasadena Aerosol Characterization Observatory (PACO): chemical and physical analysis of the Western Los Angeles basin aerosol. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7417-7443.	4.9	98
26	Aerosol-cloud drop concentration closure for clouds sampled during the International Consortium for Atmospheric Research on Transport and Transformation 2004 campaign. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	97
27	Impacts of climate and synoptic fluctuations on dust storm activity over the Middle East. <i>Atmospheric Environment</i> , 2018, 173, 265-276.	4.1	95
28	Eastern Pacific Emitted Aerosol Cloud Experiment. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 709-729.	3.3	89
29	Analysis of aerosol composition data for western United States wildfires between 2005 and 2015: Dust emissions, chloride depletion, and most enhanced aerosol constituents. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 8951-8966.	3.3	86
30	Characteristics and health effects of formaldehyde and acetaldehyde in an urban area in Iran. <i>Environmental Pollution</i> , 2018, 242, 938-951.	7.5	86
31	Cloud condensation nuclei activity, closure, and droplet growth kinetics of Houston aerosol during the Gulf of Mexico Atmospheric Composition and Climate Study (GoMACCS). <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	85
32	Observations of Sharp Oxalate Reductions in Stratocumulus Clouds at Variable Altitudes: Organic Acid and Metal Measurements During the 2011 E-PEACE Campaign. <i>Environmental Science & Technology</i> , 2013, 47, 7747-7756.	10.0	84
33	Impact of wildfires on size-resolved aerosol composition at a coastal California site. <i>Atmospheric Environment</i> , 2015, 119, 59-68.	4.1	84
34	Primary marine aerosol-cloud interactions off the coast of California. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4282-4303.	3.3	83
35	The Lake Urmia environmental disaster in Iran: A look at aerosol pollution. <i>Science of the Total Environment</i> , 2018, 633, 42-49.	8.0	81
36	On the Morphology and Composition of Particulate Matter in an Urban Environment. <i>Aerosol and Air Quality Research</i> , 2018, 18, 1431-1447.	2.1	81

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37	Constraining the contribution of organic acids and AMS m/z 44 to the organic aerosol budget: On the importance of meteorology, aerosol hygroscopicity, and region. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	79
38	Composition and hygroscopicity of the Los Angeles Aerosol: CalNex. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 3016-3036.	3.3	79
39	A Multi-Year Aerosol Characterization for the Greater Tehran Area Using Satellite, Surface, and Modeling Data. <i>Atmosphere</i> , 2014, 5, 178-197.	2.3	79
40	Black carbon aerosol over the Los Angeles Basin during CalNex. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	77
41	Ship impacts on the marine atmosphere: insights into the contribution of shipping emissions to the properties of marine aerosol and clouds. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8439-8458.	4.9	75
42	Effect of Aerosol on the Susceptibility and Efficiency of Precipitation in Warm Trade Cumulus Clouds. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 3525-3540.	1.7	73
43	An overview of regional and local characteristics of aerosols in South Africa using satellite, ground, and modeling data. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 4259-4278.	4.9	73
44	Impact of Middle Eastern dust storms on indoor and outdoor composition of bioaerosol. <i>Atmospheric Environment</i> , 2016, 138, 135-143.	4.1	72
45	Dimethylamine as a major alkyl amine species in particles and cloud water: Observations in semi-arid and coastal regions. <i>Atmospheric Environment</i> , 2015, 122, 250-258.	4.1	71
46	Molar mass, surface tension, and droplet growth kinetics of marine organics from measurements of CCN activity. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	68
47	Characterisation and airborne deployment of a new counterflow virtual impactor inlet. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 1259-1269.	3.1	68
48	An aerosol climatology for a rapidly growing arid region (southern Arizona): Major aerosol species and remotely sensed aerosol properties. <i>Journal of Geophysical Research</i> , 2011, 116, 16.	3.3	67
49	Airborne characterization of subsaturated aerosol hygroscopicity and dry refractive index from the surface to 6.5 km during the SEAC ⁴ RS campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4188-4210.	3.3	67
50	Hygroscopic and Chemical Properties of Aerosols Collected near a Copper Smelter: Implications for Public and Environmental Health. <i>Environmental Science & Technology</i> , 2012, 46, 9473-9480.	10.0	66
51	Rapid, Size-Resolved Aerosol Hygroscopic Growth Measurements: Differential Aerosol Sizing and Hygroscopicity Spectrometer Probe (DASH-SP). <i>Aerosol Science and Technology</i> , 2008, 42, 445-464.	3.1	65
52	Marine stratocumulus aerosol-cloud relationships in the MASE experiment: Precipitation susceptibility in eastern Pacific marine stratocumulus. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	65
53	Aerosol hygroscopicity in the marine atmosphere: a closure study using high-time-resolution, multiple-RH DASH-SP and size-resolved C-ToF-AMS data. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 2543-2554.	4.9	64
54	Machine-learning algorithms for predicting land susceptibility to dust emissions: The case of the Jazmurian Basin, Iran. <i>Atmospheric Pollution Research</i> , 2020, 11, 1303-1315.	3.8	64

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55	Frequency and Character of Extreme Aerosol Events in the Southwestern United States: A Case Study Analysis in Arizona. <i>Atmosphere</i> , 2016, 7, 1.	2.3	62
56	Potentially toxic elements (PTEs) and polycyclic aromatic hydrocarbons (PAHs) in fish and prawn in the Persian Gulf, Iran. <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 251-265.	6.0	59
57	Aerosol and gas re-distribution by shallow cumulus clouds: An investigation using airborne measurements. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	58
58	Surface and airborne measurements of organosulfur and methanesulfonate over the western United States and coastal areas. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8535-8548.	3.3	58
59	Impact of a large wildfire on water-soluble organic aerosol in a major urban area: the 2009 Station Fire in Los Angeles County. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 8257-8270.	4.9	56
60	A case study of BTEX characteristics and health effects by major point sources of pollution during winter in Iran. <i>Environmental Pollution</i> , 2019, 247, 607-617.	7.5	54
61	Sources of nitrate in stratocumulus cloud water: Airborne measurements during the 2011 E-PEACE and 2013 NiCE studies. <i>Atmospheric Environment</i> , 2014, 97, 166-173.	4.1	52
62	Spatiotemporal distribution of airborne particulate metals and metalloids in a populated arid region. <i>Atmospheric Environment</i> , 2014, 92, 339-347.	4.1	51
63	Impact of Wildfire Emissions on Chloride and Bromide Depletion in Marine Aerosol Particles. <i>Environmental Science & Technology</i> , 2017, 51, 9013-9021.	10.0	51
64	Aerosol-Cloud-Meteorology Interaction Airborne Field Investigations: Using Lessons Learned from the U.S. West Coast in the Design of ACTIVATE off the U.S. East Coast. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 1511-1528.	3.3	51
65	On the relationship between cloud contact time and precipitation susceptibility to aerosol. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 10,544.	3.3	50
66	On the competition among aerosol number, size and composition in predicting CCN variability: a multi-annual field study in an urbanized desert. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 6943-6958.	4.9	50
67	Water-soluble organic aerosol in the Los Angeles Basin and outflow regions: Airborne and ground measurements during the 2010 CalNex field campaign. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	49
68	Aerosol and precipitation chemistry in the southwestern United States: spatiotemporal trends and interrelationships. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 7361-7379.	4.9	49
69	Evaluation of the relationship between PM10 concentrations and heavy metals during normal and dusty days in Ahvaz, Iran. <i>Aeolian Research</i> , 2018, 33, 12-22.	2.7	49
70	Impact of drought on dust storms: case study over Southwest Iran. <i>Environmental Research Letters</i> , 2019, 14, 124029.	5.2	49
71	Impact of emissions from shipping, land, and the ocean on stratocumulus cloud water elemental composition during the 2011 E-PEACE field campaign. <i>Atmospheric Environment</i> , 2014, 89, 570-580.	4.1	48
72	Contamination Level, Source Identification and Risk Assessment of Potentially Toxic Elements (PTEs) and Polycyclic Aromatic Hydrocarbons (PAHs) in Street Dust of an Important Commercial Center in Iran. <i>Environmental Management</i> , 2018, 62, 803-818.	2.7	48

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73	Evidence of aqueous secondary organic aerosol formation from biogenic emissions in the North American Sonoran Desert. <i>Geophysical Research Letters</i> , 2013, 40, 3468-3472.	4.0	44
74	Opportunistic experiments to constrain aerosol effective radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 641-674.	4.9	44
75	Size-resolved composition and morphology of particulate matter during the southwest monsoon in Metro Manila, Philippines. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10675-10696.	4.9	43
76	Deconstructing the precipitation susceptibility construct: Improving methodology for aerosol-cloud precipitation studies. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	42
77	On the nature and health impacts of BTEX in a populated middle eastern city: Tehran, Iran. <i>Atmospheric Pollution Research</i> , 2019, 10, 921-930.	3.8	42
78	Sources of pollution and interrelationships between aerosol and precipitation chemistry at a central California site. <i>Science of the Total Environment</i> , 2019, 651, 1776-1787.	8.0	42
79	Investigating potential biases in observed and modeled metrics of aerosol-cloud-precipitation interactions. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 4027-4037.	4.9	41
80	Distribution of potentially toxic elements (PTEs) in tailings, soils, and plants around Gol-E-Gohar iron mine, a case study in Iran. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18798-18816.	5.3	41
81	On the chemical nature of precipitation in a populated Middle Eastern Region (Ahvaz, Iran) with diverse sources. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 558-566.	6.0	41
82	Indoor and outdoor airborne bacterial and fungal air quality in kindergartens: Seasonal distribution, genera, levels, and factors influencing their concentration. <i>Building and Environment</i> , 2020, 175, 106690.	6.9	41
83	On the airborne transmission of SARS-CoV-2 and relationship with indoor conditions at a hospital. <i>Atmospheric Environment</i> , 2021, 261, 118563.	4.1	38
84	Hygroscopic Properties and Respiratory System Deposition Behavior of Particulate Matter Emitted By Mining and Smelting Operations. <i>Environmental Science & Technology</i> , 2016, 50, 11706-11713.	10.0	37
85	Contrasting aerosol optical and radiative properties between dust and urban haze episodes in megacities of Pakistan. <i>Atmospheric Environment</i> , 2018, 173, 157-172.	4.1	37
86	Seasonal Variation in Culturable Bioaerosols in a Wastewater Treatment Plant. <i>Aerosol and Air Quality Research</i> , 2018, 18, 2826-2839.	2.1	37
87	On the chemical nature of wet deposition over a major desiccated lake: Case study for Lake Urmia basin. <i>Atmospheric Research</i> , 2020, 234, 104762.	4.1	36
88	Concentration and type of bioaerosols before and after conventional disinfection and sterilization procedures inside hospital operating rooms. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 277-282.	6.0	35
89	Atmospheric Research Over the Western North Atlantic Ocean Region and North American East Coast: A Review of Past Work and Challenges Ahead. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031626.	3.3	35
90	Geochemistry and environmental effects of potentially toxic elements, polycyclic aromatic hydrocarbons and microplastics in coastal sediments of the Persian Gulf. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	34

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91	On the nature of sea salt aerosol at a coastal megacity: Insights from Manila, Philippines in Southeast Asia. <i>Atmospheric Environment</i> , 2019, 216, 116922.	4.1	34
92	Observations of continental biogenic impacts on marine aerosol and clouds off the coast of California. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6724-6748.	3.3	33
93	Precipitation effects of giant cloud condensation nuclei artificially introduced into stratocumulus clouds. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5645-5658.	4.9	33
94	Influence of natural and urban emissions on rainwater chemistry at a southwestern Iran coastal site. <i>Science of the Total Environment</i> , 2019, 668, 1213-1221.	8.0	32
95	Spatial distribution, environmental risk and sources of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in surface sediments-northwest of Persian Gulf. <i>Continental Shelf Research</i> , 2020, 193, 104036.	1.8	31
96	Microplastic fibers in the gut of highly consumed fish species from the southern Caspian Sea. <i>Marine Pollution Bulletin</i> , 2021, 168, 112461.	5.0	31
97	Hygroscopic properties of smoke-generated organic aerosol particles emitted in the marine atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 9819-9835.	4.9	30
98	Relationships between giant sea salt particles and clouds inferred from aircraft physicochemical data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3421-3434.	3.3	30
99	Is there an aerosol signature of chemical cloud processing?. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16099-16119.	4.9	30
100	Spatial trends, health risk assessment and ozone formation potential linked to BTEX. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020, 26, 2836-2857.	3.4	30
101	A multi-year data set on aerosol-cloud-precipitation-meteorology interactions for marine stratocumulus clouds. <i>Scientific Data</i> , 2018, 5, 180026.	5.3	29
102	Size-resolved characteristics of water-soluble particulate elements in a coastal area: Source identification, influence of wildfires, and diurnal variability. <i>Atmospheric Environment</i> , 2019, 206, 72-84.	4.1	29
103	40-years of Lake Urmia restoration research: Review, synthesis and next steps. <i>Science of the Total Environment</i> , 2022, 832, 155055.	8.0	29
104	Characteristic Vertical Profiles of Cloud Water Composition in Marine Stratocumulus Clouds and Relationships With Precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3704-3723.	3.3	27
105	An Overview of Atmospheric Features Over the Western North Atlantic Ocean and North American East Coast—Part 2: Circulation, Boundary Layer, and Clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033423.	3.3	26
106	Ambient observations of hygroscopic growth factor and $f(RH)$ below 1: Case studies from surface and airborne measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 661-677.	3.3	25
107	Biomass Burning Plumes in the Vicinity of the California Coast: Airborne Characterization of Physicochemical Properties, Heating Rates, and Spatiotemporal Features. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,560.	3.3	25
108	Inverse modelling of cloud-aerosol interactions—Part 2: Sensitivity tests on liquid phase clouds using a Markov chain Monte Carlo based simulation approach. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2823-2847.	4.9	24

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109	Meteorological and aerosol effects on marine cloud microphysical properties. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4142-4161.	3.3	24
110	Time-resolved molecular characterization of organic aerosols by PILS+UPLC/ESI-Q-TOFMS. <i>Atmospheric Environment</i> , 2016, 130, 180-189.	4.1	24
111	Stratocumulus Cloud Clearings and Notable Thermodynamic and Aerosol Contrasts across the Clear-CLOUDY Interface. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 1083-1099.	1.7	24
112	Characterization of the Real Part of Dry Aerosol Refractive Index Over North America From the Surface to 12 km. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 8283-8300.	3.3	24
113	Long-range aerosol transport and impacts on size-resolved aerosol composition in Metro Manila, Philippines. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 2387-2405.	4.9	23
114	Characterizing Weekly Cycles of Particulate Matter in a Coastal Megacity: The Importance of a Seasonal, Size-Resolved, and Chemically Speciated Analysis. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032614.	3.3	22
115	Characteristics and health effects of volatile organic compound emissions during paper and cardboard recycling. <i>Sustainable Cities and Society</i> , 2020, 56, 102005.	10.4	22
116	Sources, frequency, and chemical nature of dust events impacting the United States East Coast. <i>Atmospheric Environment</i> , 2020, 231, 117456.	4.1	22
117	Measurement report: Long-range transport patterns into the tropical northwest Pacific during the CAMP<sup>2</sup>Ex aircraft campaign: chemical composition, size distributions, and the impact of convection. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3777-3802.	4.9	22
118	Contrasting cloud composition between coupled and decoupled marine boundary layer clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,679.	3.3	21
119	In situ measurements of water uptake by black carbon-containing aerosol in wildfire plumes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 1086-1097.	3.3	21
120	Analysis of remotely sensed and surface data of aerosols and meteorology for the Mexico Megalopolis Area between 2003 and 2015. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 8705-8723.	3.3	20
121	In vitro bioaccessibility, phase partitioning, and health risk of potentially toxic elements in dust of an iron mining and industrial complex. <i>Ecotoxicology and Environmental Safety</i> , 2021, 212, 111972.	6.0	20
122	Cloud drop number concentrations over the western North Atlantic Ocean: seasonal cycle, aerosol interrelationships, and other influential factors. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10499-10526.	4.9	20
123	Sources and characteristics of size-resolved particulate organic acids and methanesulfonate in a coastal megacity: Manila, Philippines. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15907-15935.	4.9	20
124	A satellite perspective on cloud water to rain water conversion rates and relationships with environmental conditions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6643-6650.	3.3	19
125	Oxidative potential (OP) and mineralogy of iron ore particulate matter at the Gol-E-Gohar Mining and Industrial Facility (Iran). <i>Environmental Geochemistry and Health</i> , 2018, 40, 1785-1802.	3.4	19
126	Do <i>Conocarpus erectus</i> airborne pollen grains exacerbate autumnal thunderstorm asthma attacks in Ahvaz, Iran?. <i>Atmospheric Environment</i> , 2019, 213, 311-325.	4.1	19

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127	Characteristics and health risk assessment of polycyclic aromatic hydrocarbons associated with dust in household evaporative coolers. <i>Environmental Pollution</i> , 2020, 256, 113379.	7.5	19
128	On the nature of heavy metals in PM10 for an urban desert city in the Middle East: Shiraz, Iran. <i>Microchemical Journal</i> , 2020, 154, 104596.	4.5	19
129	On Assessing ERA5 and MERRA2 Representations of Cold Air Outbreaks Across the Gulf Stream. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094364.	4.0	19
130	Atmospheric oxidation in the presence of clouds during the Deep Convective Clouds and Chemistry (DC3) study. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14493-14510.	4.9	18
131	Effects of Biomass Burning on Stratocumulus Droplet Characteristics, Drizzle Rate, and Composition. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12301-12318.	3.3	18
132	Investigating the relationship between central nervous system biomarkers and short-term exposure to PM10-bound metals during dust storms. <i>Atmospheric Pollution Research</i> , 2020, 11, 2022-2029.	3.8	18
133	An Overview of Atmospheric Features Over the Western North Atlantic Ocean and North American East Coast – Part 1: Analysis of Aerosols, Gases, and Wet Deposition Chemistry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD032592.	3.3	18
134	The concentration, characteristics, and probabilistic health risk assessment of potentially toxic elements (PTEs) in street dust: a case study of Kashan, Iran. <i>Toxin Reviews</i> , 2021, 40, 1421-1430.	3.4	17
135	Bisphenol A (BPA) and polycyclic aromatic hydrocarbons (PAHs) in the surface sediment and bivalves from Hormozgan Province coastline in the Northern Persian Gulf: A focus on source apportionment. <i>Marine Pollution Bulletin</i> , 2020, 152, 110941.	5.0	17
136	Aerosol responses to precipitation along North American air trajectories arriving at Bermuda. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16121-16141.	4.9	17
137	Precipitation susceptibility in marine stratocumulus and shallow cumulus from airborne measurements. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11395-11413.	4.9	16
138	Aerosol characteristics in the entrainment interface layer in relation to the marine boundary layer and free troposphere. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1495-1506.	4.9	16
139	Cloud Adiabaticity and Its Relationship to Marine Stratocumulus Characteristics Over the Northeast Pacific Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,790.	3.3	16
140	Temporal characteristics of aerosol optical properties over the glacier region of northern Pakistan. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2019, 186, 35-46.	1.6	16
141	An annual time series of weekly size-resolved aerosol properties in the megacity of Metro Manila, Philippines. <i>Scientific Data</i> , 2020, 7, 128.	5.3	16
142	Characterization of Aerosol Hygroscopicity Over the Northeast Pacific Ocean: Impacts on Prediction of CCN and Stratocumulus Cloud Droplet Number Concentrations. <i>Earth and Space Science</i> , 2020, 7, e2020EA001098.	2.6	15
143	Municipal solid waste recycling: Impacts on energy savings and air pollution. <i>Journal of the Air and Waste Management Association</i> , 2021, 71, 737-753.	1.9	15
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