

# William C Malm

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

3,080  
citations

535685

17  
h-index

721071

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

3862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term trends in particulate sulfate at Grand Canyon National Park. Atmospheric Environment, 2021, 253, 118339.	1.9	4
2	Monitoring Visibility. , 2016, , 201-245.		0
3	Development of wildland fire particulate smoke marker to organic carbon emission ratios for the conterminous United States. Atmospheric Environment, 2011, 45, 395-403.	1.9	22
4	Back-trajectory-based source apportionment of airborne sulfur and nitrogen concentrations at Rocky Mountain National Park, Colorado, USA. Atmospheric Environment, 2011, 45, 621-633.	1.9	40
5	Emissions of trace gases and aerosols during the open combustion of biomass in the laboratory. Journal of Geophysical Research, 2009, 114, .	3.3	336
6	Semi-continuous measurement of PM2.5 ionic composition at several rural locations in the United States. Atmospheric Environment, 2008, 42, 6655-6669.	1.9	39
7	Fossil and contemporary fine particulate carbon fractions at 12 rural and urban sites in the United States. Journal of Geophysical Research, 2008, 113, .	3.3	147
8	Smoke-impacted regional haze in California during the summer of 2002. Agricultural and Forest Meteorology, 2006, 137, 25-42.	1.9	55
9	Composition of the fine organic aerosol in Yosemite National Park during the 2002 Yosemite Aerosol Characterization Study. Atmospheric Environment, 2006, 40, 2959-2972.	1.9	58
10	Hygroscopic growth behavior of a carbon-dominated aerosol in Yosemite National Park. Atmospheric Environment, 2005, 39, 1393-1404.	1.9	113
11	Spatial, Temporal, and Interspecies Patterns in Fine Particulate Matter in Texas. Journal of the Air and Waste Management Association, 2005, 55, 1636-1648.	0.9	3
12	Spatial and monthly trends in speciated fine particle concentration in the United States. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	326
13	Back-trajectory analyses of fine particulate matter measured at Big Bend National Park in the historical database and the 1996 scoping study. Science of the Total Environment, 2001, 276, 185-204.	3.9	43
14	Diurnal and seasonal patterns in light scattering, extinction, and relative humidity. Atmospheric Environment, 2001, 35, 5177-5191.	1.9	27
15	Spatial patterns of major aerosol species and selected heavy metals in the United States. Fuel Processing Technology, 2000, 65-66, 473-501.	3.7	24
16	A Preliminary Look at Source-Receptor Relationships in the Texas-Mexico Border Area. Journal of the Air and Waste Management Association, 2000, 50, 858-868.	0.9	10
17	Spatial and Temporal Patterns in Particle Data Measured During the MOHAVE Study. Journal of the Air and Waste Management Association, 1997, 47, 119-135.	0.9	7
18	Source apportionment of organic and light-absorbing carbon using receptor modeling techniques. Atmospheric Environment, 1996, 30, 843-855.	1.9	15

#	ARTICLE	IF	CITATIONS
19	Spatial and seasonal trends in particle concentration and optical extinction in the United States. <i>Journal of Geophysical Research</i> , 1994, 99, 1347.	3.3	1,118
20	On the potential of regional-scale emissions zoning as an air quality management tool for the grand canyon. <i>Atmospheric Environment</i> , 1994, 28, 1035-1045.	1.9	18
21	Characteristics and origins of haze in the continental United States. <i>Earth-Science Reviews</i> , 1992, 33, 1-36.	4.0	51
22	An investigation of the dominant source regions of fine sulfur in the western United States and their areas of influence. <i>Atmospheric Environment Part A General Topics</i> , 1990, 24, 3047-3060.	1.3	27
23	A residence time probability analysis of sulfur concentrations at grand Canyon National Park. <i>Atmospheric Environment</i> , 1985, 19, 1263-1270.	1.1	584
24	Optical characteristics of fine and coarse particulates at Grand Canyon, Arizona. <i>Atmospheric Environment</i> , 1984, 18, 1231-1237.	1.1	13