

Michael R Olson

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

578
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of black and brown carbon multiple-wavelength-dependent light absorption from biomass and fossil fuel combustion source emissions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 6682-6697.	3.3	150
2	Source apportionments of PM _{2.5} organic carbon using molecular marker Positive Matrix Factorization and comparison of results from different receptor models. <i>Atmospheric Environment</i> , 2013, 73, 51-61.	4.1	95
3	Size-Segregated Inorganic and Organic Components of PM in the Communities of the Los Angeles Harbor. <i>Aerosol Science and Technology</i> , 2009, 43, 145-160.	3.1	62
4	Effects of a Platinum-Cerium Bimetallic Fuel Additive on the Chemical Composition of Diesel Engine Exhaust Particles. <i>Energy & Fuels</i> , 2009, 23, 4974-4980.	5.1	48
5	Temporal variations of black carbon during haze and non-haze days in Beijing. <i>Scientific Reports</i> , 2016, 6, 33331.	3.3	38
6	Sensitivity of hazardous air pollutant emissions to the combustion of blends of petroleum diesel and biodiesel fuel. <i>Atmospheric Environment</i> , 2012, 50, 307-313.	4.1	31
7	Source apportionment of PM _{2.5} organic carbon in the San Joaquin Valley using monthly and daily observations and meteorological clustering. <i>Environmental Pollution</i> , 2018, 237, 366-376.	7.5	21
8	Impacts of regional transport on black carbon in Huairou, Beijing, China. <i>Environmental Pollution</i> , 2017, 221, 75-84.	7.5	20
9	Assessment of forest fire impacts on carbonaceous aerosols using complementary molecular marker receptor models at two urban locations in California's San Joaquin Valley. <i>Environmental Pollution</i> , 2019, 246, 274-283.	7.5	19
10	The effects of emission control strategies on light-absorbing carbon emissions from a modern heavy-duty diesel engine. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 759-766.	1.9	18
11	Sensitivity of Diesel Particulate Material Emissions and Composition to Blends of Petroleum Diesel and Biodiesel Fuel. <i>Aerosol Science and Technology</i> , 2012, 46, 1109-1118.	3.1	16
12	Sources of metals and bromine-containing particles in Milwaukee. <i>Atmospheric Environment</i> , 2013, 73, 124-130.	4.1	13
13	Atmospheric impacts of black carbon emission reductions through the strategic use of biodiesel in California. <i>Science of the Total Environment</i> , 2015, 538, 412-422.	8.0	13
14	Quantification of elemental and organic carbon in atmospheric particulate matter using color space sensing hue, saturation, and value (HSV) coordinates. <i>Science of the Total Environment</i> , 2016, 548-549, 252-259.	8.0	13
15	Source attribution of black and Brown carbon near-UV light absorption in Beijing, China and the impact of regional air-mass transport. <i>Science of the Total Environment</i> , 2022, 807, 150871.	8.0	11
16	Understanding the sources and composition of the incremental excess of fine particles across multiple sampling locations in one air shed. <i>Journal of Environmental Sciences</i> , 2014, 26, 818-826.	6.1	10