David W Dubois

List of Publications by Year
in descending order

23 papers	678 citations	567281 15 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	1020 citing authors

#	ARTICLE	IF	CITATIONS
1	A Simplified high resolution MODIS Aerosol Retrieval Algorithm (SARA) for use over mixed surfaces. Remote Sensing of Environment, 2013, 136, 135-145.	11.0	143
2	Air pollution and hospital emergency room and admissions for cardiovascular and respiratory diseases in DoÃ±a Ana County, New Mexico. Environmental Research, 2014, 129, 39-46.	7.5	72
3	Long-Term Efficiencies of Dust Suppressants to Reduce PM$_{10}$ Emissions from Unpaved Roads. Journal of the Air and Waste Management Association, 1999, 49, 3-16.	1.9	66
4	Chemical mass balance source apportionment for combined PM2.5 measurements from U.S. non-urban and urban long-term networksâ˜†. Atmospheric Environment, 2010, 44, 4908-4918.	4.1	61
5	Attribution of sulfate aerosols in Federal Class I areas of the western United States based on trajectory regression analysis. Atmospheric Environment, 2006, 40, 3433-3447.	4.1	44
6	Source reconciliation of atmospheric dust causing visibility impairment in Class I areas of the western United States. Journal of Geophysical Research, 2009, 114, .	3.3	40
7	Middle- and Neighborhood-Scale Variations of PM$_{10}$ Source Contributions in Las Vegas, Nevada. Journal of the Air and Waste Management Association, 1999, 49, 641-654.	1.9	34
8	Regional Source Identification Using Lagrangian Stochastic Particle Dispersion and HYSPLIT Backward-Trajectory Models. Journal of the Air and Waste Management Association, 2011, 61, 660-672.	1.9	33
9	PM$_{2.5}$ Source Apportionment: Reconciling Receptor Models for U.S. Nonurban and Urban Long-Term Networks. Journal of the Air and Waste Management Association, 2011, 61, 1204-1217.	1.9	33
10	Assessment of the local windblown component of dust in the western United States. Journal of Geophysical Research, 2007, 112, .	3.3	27
11	In situ observations of soil minerals and organic matter in the early phases of prescribed fires. Journal of Geophysical Research, 2012, 117, .	3.3	22
12	Fine particulate matter and visibility in the Lake Tahoe Basin: Chemical characterization, trends, and source apportionment. Journal of the Air and Waste Management Association, 2012, 62, 953-965.	1.9	20
13	Evaluation of Regional-Scale Receptor Modeling. Journal of the Air and Waste Management Association, 2010, 60, 26-42.	1.9	19
14	Spatial Variability of Unpaved Road Dust PM10 Emission Factors near El Paso, Texas. Journal of the Air and Waste Management Association, 2005, 55, 3-12.	1.9	16
15	Windâ€mediated horseweed (C onyza canadensis) gene flow: pollen emission, dispersion, and deposition. Ecology and Evolution, 2015, 5, 2646-2658.	1.9	16
16	Assessment of the Contribution of Wildfires to Ozone Concentrations in the Central US-Mexico Border Region. Aerosol and Air Quality Research, 2013, 13, 838-848.	2.1	13
17	Monitoring, Source Identification and Health Risks of Air Toxics in Albuquerque, New Mexico, U.S.A.. Aerosol and Air Quality Research, 2015, 15, 556-571.	2.1	7
18	Development of a geospatial screening tool to identify source areas of windblown dust. Environmental Modelling and Software, 2009, 24, 1003-1011.	4.5	4

#	Article	IF	Citations
19	The effect of anthropogenic volatile organic compound sources on ozone in Boise, Idaho. Environmental Chemistry, 2014, 11, 445.	1.5	3
20	Spatiotemporal imputation of MODIS land surface temperature using machine learning techniques (Case study: New Mexico's Lower Rio Grande Valley). Remote Sensing Applications: Society and Environment, 2021, 24, 100651.	1.5	2
21	Correction to â€œIn situ observations of soil minerals and organic matter in the early phases of prescribed firesâ€• Journal of Geophysical Research, 2012, 117, n/a-n/a.	3.3	1
22	Fire as a Long-Term Stewardship Issue for Soils Contaminated With Radionuclides in the Western U.S.. , 2007, , .		1
23	Fungal genus detected in soils of Chihuahuan Desert during dust storms along United States-Mexico border. Terra Latinoamericana, 2020, 38, 725-734.	0.3	0