

Nir Bluvshstein

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

698
citations

840776

11
h-index

1199594

12
g-index

22
all docs

22
docs citations

22
times ranked

999
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Chemistry of Atmospheric Brown Carbon Inferred from a Nationwide Biomass Burning Event. <i>Environmental Science & Technology</i> , 2017, 51, 11561-11570.	10.0	215
2	Broadband optical properties of biomass-burning aerosol and identification of brown carbon chromophores. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5441-5456.	3.3	96
3	Absorbing aerosols at high relative humidity: linking hygroscopic growth to optical properties. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5511-5521.	4.9	91
4	Evolution of the complex refractive index in the UV spectral region in ageing secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 5793-5806.	4.9	60
5	Evolution of the Complex Refractive Index of Secondary Organic Aerosols during Atmospheric Aging. <i>Environmental Science & Technology</i> , 2018, 52, 3456-3465.	10.0	40
6	An Approach for Faster Retrieval of Aerosols' Complex Refractive Index Using Cavity Ring-Down Spectroscopy. <i>Aerosol Science and Technology</i> , 2012, 46, 1140-1150.	3.1	37
7	Calibration of a multi-pass photoacoustic spectrometer cell using light-absorbing aerosols. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 1203-1213.	3.1	37
8	Evaluating the impact of a limestone quarry on suspended and accumulated dust. <i>Atmospheric Environment</i> , 2011, 45, 1732-1739.	4.1	35
9	A new approach for retrieving the UV-vis optical properties of ambient aerosols. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 3477-3490.	3.1	33
10	Thermochemical, Cloud Condensation Nucleation Ability, and Optical Properties of Alkyl Ammonium Sulfate Aerosols. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22412-22421.	3.1	23
11	Adsorption of berberine on commercial minerals. <i>Applied Clay Science</i> , 2011, 51, 43-50.	5.2	18
12	Photophoretic spectroscopy in atmospheric chemistry – high-sensitivity measurements of light absorption by a single particle. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3191-3203.	3.1	4