

Chatt C Williamson

List of Publications by Year in descending order

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13
papers

337
citations

933447

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1199594

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docs citations

17
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes of fluorescence spectra and viability from aging aerosolized <i>E. coli</i> cells under various laboratory-controlled conditions in an advanced rotating drum. <i>Aerosol Science and Technology</i> , 2019, 53, 1261-1276.	3.1	10
2	Design of a noncooled fiber collimator for compact, high-efficiency fiber laser arrays. <i>Applied Optics</i> , 2017, 56, B169.	2.1	16
3	Size-dependent fluorescence of bioaerosols: Mathematical model using fluorescing and absorbing molecules in bacteria. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 157, 54-70.	2.3	31
4	Fluorescence of bioaerosols: mathematical model including primary fluorescing and absorbing molecules in bacteria: errata. <i>Optics Express</i> , 2014, 22, 22817.	3.4	11
5	Spectrally-resolved fluorescence cross sections of aerosolized biological live agents and simulants using five excitation wavelengths in a BSL-3 laboratory. <i>Optics Express</i> , 2014, 22, 8165.	3.4	25
6	Effects of ozone and relative humidity on fluorescence spectra of octapeptide bioaerosol particles. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 133, 538-550.	2.3	26
7	Integration of Google Maps/Earth with microscale meteorology models and data visualization. <i>Computers and Geosciences</i> , 2013, 61, 23-31.	4.2	43
8	Fluorescence of bioaerosols: mathematical model including primary fluorescing and absorbing molecules in bacteria. <i>Optics Express</i> , 2013, 21, 22285.	3.4	44
9	Airborne Doppler wind lidar data fusion with a diagnostic wind model. , 2012, , .		1
10	Comparisons of JU2003 observations with four diagnostic urban wind flow and Lagrangian particle dispersion models. <i>Atmospheric Environment</i> , 2011, 45, 4073-4081.	4.1	59
11	Diagnostic Wind Model Initialization over Complex Terrain Using the Airborne Doppler Wind Lidar Data-!2010-03-01-!2010-04-29-!2010-08-07-!. <i>The Open Remote Sensing Journal</i> , 2010, 3, 17-27.	0.5	6
12	Nocturnal Low-Level-Jet-Dominated Atmospheric Boundary Layer Observed by a Doppler Lidar over Oklahoma City during JU2003. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 2098-2109.	1.5	30
13	Application of a Multigrid Method to a Mass-Consistent Diagnostic Wind Model. <i>Journal of Applied Meteorology and Climatology</i> , 2005, 44, 1078-1089.	1.7	31