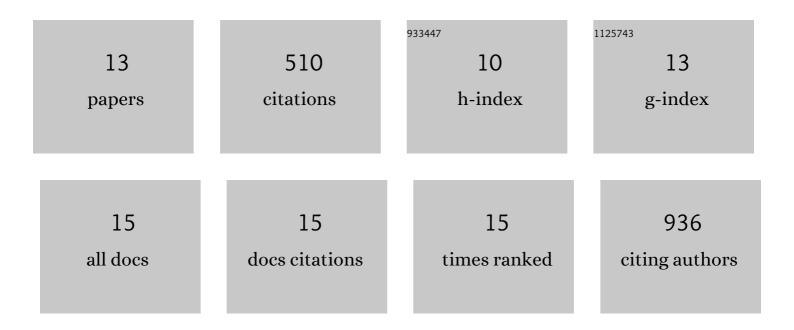
David C Doughty

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1118486/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Viruses such as SARS-CoV-2 can be partially shielded from UV radiation when in particles generated by sneezing or coughing: Numerical simulations. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 262, 107489.	2.3	16
2	Shielding of viruses such as SARS-Cov-2 from ultraviolet radiation in particles generated by sneezing or coughing: Numerical simulations of survival fractions. Journal of Occupational and Environmental Hygiene, 2021, 18, 394-408.	1.0	8
3	Real-time sensing of bioaerosols: Review and current perspectives. Aerosol Science and Technology, 2020, 54, 465-495.	3.1	144
4	Raman spectra of atmospheric aerosol particles: Clusters and time-series for a 22.5Âhr sampling period. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 248, 106907.	2.3	7
5	Raman spectra of atmospheric particles measured in Maryland, USA over 22.5Âh using an automated aerosol Raman spectrometer. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 244, 106839.	2.3	10
6	Automated aerosol Raman spectrometer for semi-continuous sampling of atmospheric aerosol. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 188, 103-117.	2.3	29
7	Size-dependent fluorescence of bioaerosols: Mathematical model using fluorescing and absorbing molecules in bacteria. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 157, 54-70.	2.3	31
8	Nocturnal isoprene declines in a semi-urban environment. Journal of Atmospheric Chemistry, 2015, 72, 215-234.	3.2	10
9	Fluorescence of bioaerosols: mathematical model including primary fluorescing and absorbing molecules in bacteria: errata. Optics Express, 2014, 22, 22817.	3.4	11
10	Impact of the vertical mixing induced by low-level jets on boundary layer ozone concentration. Atmospheric Environment, 2013, 70, 123-130.	4.1	98
11	Ozone variability in the atmospheric boundary layer in Maryland and its implications for vertical transport model. Atmospheric Environment, 2012, 46, 354-364.	4.1	83
12	Validation of northern latitude Tropospheric Emission Spectrometer stare ozone profiles with ARC-IONS sondes during ARCTAS: sensitivity, bias and error analysis. Atmospheric Chemistry and Physics, 2010, 10, 9901-9914.	4.9	58
13	Demonstration of a mobile Flux Laboratory for the Atmospheric Measurement of Emissions (FLAME) to assess emissions inventories. Journal of Environmental Monitoring, 2009, 11, 259-268.	2.1	5