Justin B Maughan

List of Publications by Year
in descending order

14 papers	173 citations	1307594 7 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	186 citing authors

#	Article	IF	Citations
1	Light scattering and absorption by fractal aggregates including soot. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 217, 459-473.	2.3	53
2	Spherical particle absorption over a broad range of imaginary refractive index. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 226, 81-86.	2.3	22
3	Infrared skin damage thresholds from 1319-nm continuous-wave laser exposures. Journal of Biomedical Optics, 2013, 18, 125002.	2.6	19
4	Light scattering Qâ€space analysis of irregularly shaped particles. Journal of Geophysical Research D: Atmospheres, 2016, 121, 682-691.	3.3	17
5	Q-Space Analysis of the Light Scattering Phase Function of Particles with Any Shape. Atmosphere, 2017, 8, 68.	2.3	14
6	Radiative properties of soot fractal superaggregates including backscattering and depolarization. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 247, 106940.	2.3	12
7	Q-space analysis of light scattering by ice crystals. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 185, 86-94.	2.3	8
8	Backscattering measurements of micron-sized spherical particles. Applied Optics, 2016, 55, 3214.	1.8	7
9	Q-space analysis of light scattering by Gaussian Random Spheres. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 174, 14-21.	2.3	5
10	Light scattering study of highly absorptive, non-fractal, hematite aggregates. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 246, 106919.	2.3	5
11	Rayleigh scattering and the internal coupling parameter for arbitrary particle shapes. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 189, 339-343.	2.3	4
12	The partial light scattering cross section of spherical particles. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 681.	1.5	3
13	Application of the scaling approach to particles having simple, fundamental shapes, in the Rayleighâ€“Debyeâ€“Gans diffraction limit. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 222-223, 190-195.	2.3	3
14	Universal parameter to describe the reduction of refraction effects in the scattering of absorbing spheres. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 1456.	1.5	1