

# Justin B Maughan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4246418/publications.pdf>

Version: 2024-02-01

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 study of highly absorptive, non-fractal, hematite aggregates. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 246, 106919.	2.3	5
2	Radiative properties of soot fractal superaggregates including backscattering and depolarization. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 247, 106940.	2.3	12
3	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
4	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
5	Application of the scaling approach to particles having simple, fundamental shapes, in the Rayleigh-Debye-Gans diffraction limit. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 222-223, 190-195.	2.3	3
6	Light scattering and absorption by fractal aggregates including soot. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 217, 459-473.	2.3	53
7	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
8	Q-Space Analysis of the Light Scattering Phase Function of Particles with Any Shape. Atmosphere, 2017, 8, 68.	2.3	14
9	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
10	Backscattering measurements of micron-sized spherical particles. Applied Optics, 2016, 55, 3214.	1.8	7
11	Q-space analysis of light scattering by ice crystals. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 185, 86-94.	2.3	8
12	Light scattering Q-space analysis of irregularly shaped particles. Journal of Geophysical Research D: Atmospheres, 2016, 121, 682-691.	3.3	17
13	Q-space analysis of light scattering by Gaussian Random Spheres. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 174, 14-21.	2.3	5
14	Infrared skin damage thresholds from 1319-nm continuous-wave laser exposures. Journal of Biomedical Optics, 2013, 18, 125002.	2.6	19