

Paul H Kaye

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10486929/publications.pdf>

Version: 2024-02-01

19
papers

790
citations

567281

15
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous light scattering and intrinsic fluorescence measurement for the classification of airborne particles. <i>Applied Optics</i> , 2000, 39, 3738.	2.1	101
2	Light scattering by complex ice-analogue crystals. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2006, 100, 382-392.	2.3	97
3	Spatial light-scattering analysis as a means of characterizing and classifying non-spherical particles. <i>Measurement Science and Technology</i> , 1998, 9, 141-149.	2.6	63
4	Classifying atmospheric ice crystals by spatial light scattering. <i>Optics Letters</i> , 2008, 33, 1545.	3.3	58
5	Evaluation of machine learning algorithms for classification of primary biological aerosol using a new UV-LIF spectrometer. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 695-708.	3.1	54
6	Light scattering from deformed droplets and droplets with inclusions I Experimental results. <i>Applied Optics</i> , 2000, 39, 5023.	2.1	49
7	Continuous bioaerosol monitoring in a tropical environment using a UV fluorescence particle spectrometer. <i>Atmospheric Science Letters</i> , 2011, 12, 195-199.	1.9	47
8	Experimental and theoretical light scattering profiles from spherical and nonspherical particles. <i>Journal of Geophysical Research</i> , 1996, 101, 19231-19235.	3.3	45
9	Low-cost real-time multiparameter bio-aerosol sensors. <i>Proceedings of SPIE</i> , 2008, , .	0.8	44
10	Scattering of light from atmospheric ice analogues. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2003, 79-80, 1091-1102.	2.3	43
11	Light scattering from deformed droplets and droplets with inclusions II Theoretical treatment. <i>Applied Optics</i> , 2000, 39, 5031.	2.1	37
12	Biogenic cloud nuclei in the central Amazon during the transition from wet to dry season. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 9727-9743.	4.9	37
13	Light scattering from nonspherical airborne particles: experimental and theoretical comparisons. <i>Applied Optics</i> , 1994, 33, 7180.	2.1	31
14	ANGULARLY RESOLVED ELASTIC SCATTERING FROM AIRBORNE PARTICLES. , 2007, , 31-61.		23
15	A 3D implementation of ray tracing combined with diffraction on facets: Verification and a potential application. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2006, 100, 103-114.	2.3	20
16	A scanning diffractometer for the rapid analysis of microparticles and biological cells. <i>Journal of Colloid and Interface Science</i> , 1979, 69, 571-589.	9.4	19
17	A method for investigating the orientational behaviour of fibrous particles in gaseous flow. <i>Particle and Particle Systems Characterization</i> , 1995, 12, 3-9.	2.3	12
18	Real-time detection of airborne asbestos by light scattering from magnetically re-aligned fibers. <i>Optics Express</i> , 2013, 21, 11356.	3.4	6

#	ARTICLE	IF	CITATIONS
19	Real-time observation of the change in light scattering from droplets with increasing deformity. Optics Express, 2001, 8, 290.	3.4	4