# Paul H Kaye

List of Publications by Year
in descending order



| 19 | 790 | 567281 15 | 839539 18 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 19 | 19 | 19 | 733 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evaluation of machine learning algorithms for classification of primary biological aerosol using a new UV-LIF spectrometer. Atmospheric Measurement Techniques, 2017, 10, 695-708. | 3.1 | 54 |
| 2 | Biogenic cloud nuclei in the central Amazon during the transition from wet to dry season. Atmospheric Chemistry and Physics, 2016, 16, 9727-9743. | 4.9 | 37 |
| 3 | Real-time detection of airborne asbestos by light scattering from magnetically re-aligned fibers. Optics Express, 2013, 21, 11356. | 3.4 | 6 |
| 4 | Continuous bioaerosol monitoring in a tropical environment using a UV fluorescence particle spectrometer. Atmospheric Science Letters, 2011, 12, 195-199. | 1.9 | 47 |
| 5 | Classifying atmospheric ice crystals by spatial light scattering. Optics Letters, 2008, 33, 1545. | 3.3 | 58 |
| 6 | Low-cost real-time multiparameter bio-aerosol sensors. Proceedings of SPIE, 2008, , . | 0.8 | 44 |
| 7 | ANGULARLY RESOLVED ELASTIC SCATTERING FROM AIRBORNE PARTICLES. , 2007, , 31-61. | | 23 |
| 8 | A 3D implementation of ray tracing combined with diffraction on facets: Verification and a potential application. Journal of Quantitative Spectroscopy and Radiative Transfer, 2006, 100, 103-114. | 2.3 | 20 |
| 9 | Light scattering by complex ice-analogue crystals. Journal of Quantitative Spectroscopy and Radiative Transfer, 2006, 100, 382-392. | 2.3 | 97 |
| 10 | Scattering of light from atmospheric ice analogues. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 79-80, 1091-1102. | 2.3 | 43 |
| 11 | Real-time observation of the change in light scattering from droplets with increasing deformity. Optics Express, 2001, 8, 290. | 3.4 | 4 |
| 12 | Simultaneous light scattering and intrinsic fluorescence measurement for the classification of airborne particles. Applied Optics, 2000, 39, 3738. | 2.1 | 101 |
| 13 | Light scattering from deformed droplets and droplets with inclusions I Experimental results. Applied Optics, 2000, 39, 5023. | 2.1 | 49 |
| 14 | Light scattering from deformed droplets and droplets with inclusions II Theoretical treatment. Applied Optics, 2000, 39, 5031. | 2.1 | 37 |
| 15 | Spatial light-scattering analysis as a means of characterizing and classifying non-spherical particles. Measurement Science and Technology, 1998, 9, 141-149. | 2.6 | 63 |
| 16 | Experimental and theoretical light scattering profiles from spherical and nonspherical particles. Journal of Geophysical Research, 1996, 101, 19231-19235. | 3.3 | 45 |
| 17 | A method for investigating the orientational behaviour of fibrous particles in gaseous flow. Particle and Particle Systems Characterization, 1995, 12, 3-9. | 2.3 | 12 |
| 18 | Light scattering from nonspherical airborne particles: experimental and theoretical comparisons. Applied Optics, 1994, 33, 7180. | 2.1 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A scanning diffractometer for the rapid analysis of microparticles and biological cells. Journal of Colloid and Interface Science, 1979, 69, 571-589. | 9.4 | 19 |