

Perry A Hailey

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

549
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	On-Line Monitoring of Powder Blend Homogeneity by Near-Infrared Spectroscopy. <i>Analytical Chemistry</i> , 1996, 68, 509-513.	6.5	228
2	Automated system for the on-line monitoring of powder blending processes using near-infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 17, 1285-1309.	2.8	127
3	Determination of the Enantiomeric Composition of Chiral Amines Based on the Quenching of the Fluorescence of a Chiral Calixarene. <i>Analytical Chemistry</i> , 1996, 68, 3775-3782.	6.5	91
4	On-Line Mid-IR Spectroscopy as a Real-Time Approach in Monitoring Hydrogenation Reactions. <i>Organic Process Research and Development</i> , 2000, 4, 357-361.	2.7	23
5	Electron irradiation and thermal chemistry studies of interstellar and planetary ice analogues at the ICA astrochemistry facility. <i>European Physical Journal D</i> , 2021, 75, 1.	1.3	21
6	The Ice Chamber for Astrophysics – Astrochemistry (ICA): A new experimental facility for ion impact studies of astrophysical ice analogs. <i>Review of Scientific Instruments</i> , 2021, 92, 084501.	1.3	15
7	Generic approach to chiral separations: Chiral capillary electrophoresis with ternary cyclodextrin mixtures. <i>Journal of Separation Science</i> , 2000, 12, 568-576.	1.0	12
8	Mid-IR and VUV spectroscopic characterisation of thermally processed and electron irradiated CO ₂ astrophysical ice analogues. <i>Journal of Molecular Spectroscopy</i> , 2022, 385, 111599.	1.2	9
9	Laboratory experiments on the radiation astrochemistry of water ice phases. <i>European Physical Journal D</i> , 2022, 76, .	1.3	8
10	Comparative electron irradiations of amorphous and crystalline astrophysical ice analogues. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 10974-10984.	2.8	7
11	Estimation of uncertainty in multivariate vibrational spectroscopy. <i>Analyst, The</i> , 1995, 120, 1875.	3.5	4
12	Systems Astrochemistry: A New Doctrine for Experimental Studies. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	4