

Mark Sulkes

List of Publications by Year in descending order

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16
papers

272
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

206
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopy and Fluorescence Lifetimes of Jet-Cooled 7-Azaindole: Electronic States and Solvent Complex Geometry. <i>The Journal of Physical Chemistry</i> , 1996, 100, 4734-4738.	2.9	45
2	Spectroscopy of tryptophan derivatives in supersonic expansions: Addition of solvent molecules. <i>Journal of Chemical Physics</i> , 1988, 88, 6146-6156.	3.0	41
3	Conformational analysis of jet cooled tryptophan analogs by molecular mechanics: Comparison with experiment. <i>Journal of Chemical Physics</i> , 1993, 98, 9389-9398.	3.0	31
4	Jet-Cooled Solvent Complexes with Indoles. <i>The Journal of Physical Chemistry</i> , 1996, 100, 16479-16486.	2.9	30
5	Spectroscopy of jet-cooled tyrosine derivatives. <i>Journal of Chemical Physics</i> , 1991, 94, 5826-5832.	3.0	21
6	10 μ s FWHM gas pulse generation using a pulsed solenoid valve. <i>Review of Scientific Instruments</i> , 1994, 65, 3868-3869.	1.3	20
7	PAH/Aromatic Tar and Coke Precursor Formation in the Early Stages of Triglyceride (Triolein) Pyrolysis. <i>Journal of Physical Chemistry A</i> , 2018, 122, 3238-3249.	2.5	16
8	Solvent complexes of jet-cooled β -phenylethylamine. <i>Journal of Fluorescence</i> , 1991, 1, 41-45.	2.5	15
9	Molecular Beam Photochemistry of Organopolysilanes and Organopolygermanes. <i>Organometallics</i> , 2000, 19, 139-146.	2.3	15
10	Thermal cracking of triacylglycerols: Molecular beam studies. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 115, 24-36.	5.5	14
11	Influence of early stages of triglyceride pyrolysis on the formation of PAHs as coke precursors. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 20189-20203.	2.8	13
12	Pathways toward PAH Formation during Fatty Acid and Triglyceride Pyrolysis. <i>Journal of Physical Chemistry A</i> , 2020, 124, 7559-7574.	2.5	4
13	Conformational analysis of jet-cooled tryptophan analogs and Histamine using the MM3(94) force field: Comparison with experiment. <i>Journal of Computational Chemistry</i> , 1995, 16, 973-983.	3.3	2
14	Post Discharge Chemistry of Aromatic Molecules in Rare Gas. <i>Plasma Chemistry and Plasma Processing</i> , 2012, 32, 1-15.	2.4	2
15	Pulsed laser surface heating: A tool for studying pyrolysis product chemistry in molecular beams. <i>Chemical Physics Letters</i> , 2021, 762, 138122.	2.6	2
16	Modification of an Inrad Autotracker II for automated second harmonic generation angle scanning with a mode-locked laser. <i>Review of Scientific Instruments</i> , 1989, 60, 951-952.	1.3	1