

Jasper R Clarkson

List of Publications by Year in descending order

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9
papers

480
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Measurement of Energy Thresholds to Conformational Isomerization in Tryptamine. <i>Science</i> , 2004, 303, 1169-1173.	12.6	152
2	Laser-Initiated Shuttling of a Water Molecule Between H-Bonding Sites. <i>Science</i> , 2005, 307, 1443-1446.	12.6	92
3	Direct measurement of the energy thresholds to conformational isomerization in Tryptamine: Experiment and theory. <i>Journal of Chemical Physics</i> , 2005, 122, 214311.	3.0	54
4	Entropy-driven population distributions in a prototypical molecule with two flexible side chains: O-(2-acetamidoethyl)-N-acetyltyramine. <i>Journal of Chemical Physics</i> , 2007, 127, 234315.	3.0	40
5	Infrared-induced conformational isomerization and vibrational relaxation dynamics in melatonin and 5-methoxy-N-acetyl tryptophan methyl amide. <i>Journal of Chemical Physics</i> , 2004, 120, 9033-9046.	3.0	35
6	Infrared photodissociation of a water molecule from a flexible molecule-H ₂ O complex: Rates and conformational product yields following XH stretch excitation. <i>Journal of Chemical Physics</i> , 2007, 126, 134306.	3.0	35
7	Isomer-Specific Spectroscopy and Conformational Isomerization Energetics of o-, m-, and p-Ethynylstyrenes. <i>Journal of Physical Chemistry A</i> , 2005, 109, 4484-4496.	2.5	28
8	Experimental Determination of Conformational Isomerization Energy Thresholds in Serotonin. <i>Journal of Physical Chemistry A</i> , 2008, 112, 3911-3920.	2.5	24
9	Direct measurement of the energy thresholds to conformational isomerization. II. 3-indole-propionic acid and its water-containing complex. <i>Journal of Chemical Physics</i> , 2005, 122, 214312.	3.0	20