

Ariel Francis Perez Mellor

List of Publications by Year in descending order

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1307594

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#	ARTICLE	IF	CITATIONS
1	Vibrational circular dichroism of a 2,5-diketopiperazine (DKP) peptide: Evidence for dimer formation in cyclo LL or LD diphenylalanine in the solid state. <i>Chirality</i> , 2017, 29, 89-96.	2.6	36
2	Does the Residues Chirality Modify the Conformation of a Cyclo-Dipeptide? Vibrational Spectroscopy of Protonated Cyclo-diphenylalanine in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7130-7138.	2.5	21
3	Vibrational circular dichroism as a probe of solid-state organisation of derivatives of cyclic β -amino acids: <i>cis</i> - and <i>trans</i> - β -aminocyclobutane-1-carboxylic acid. <i>Chirality</i> , 2019, 31, 547-560.	2.6	21
4	Chirality effects in the structures of jet-cooled bichromophoric dipeptides. <i>Journal of Molecular Spectroscopy</i> , 2018, 349, 71-84.	1.2	18
5	Stereochemistry-dependent hydrogen bonds stabilise stacked conformations in jet-cooled cyclic dipeptides: (LD) vs. (LL) cyclo tyrosine-tyrosine. <i>Faraday Discussions</i> , 2018, 212, 399-419.	3.2	17
6	Solid-state synthesis of cyclo LD-diphenylalanine: A chiral phase built from achiral subunits. <i>Chirality</i> , 2020, 32, 693-703.	2.6	16
7	Conformational Study of the Jet-Cooled Diketopiperazine Peptide Cyclo Tyrosyl-Prolyl. <i>Journal of Physical Chemistry B</i> , 2019, 123, 6023-6033.	2.6	14
8	Structure and collision-induced dissociation of the protonated cyclo His-Phe dipeptide: mechanistic studies and stereochemical effects. <i>European Physical Journal D</i> , 2021, 75, 1.	1.3	7
9	Stereospecific collision-induced dissociation and vibrational spectroscopy of protonated cyclo (Tyr-Pro). <i>International Journal of Mass Spectrometry</i> , 2021, 465, 116590.	1.5	7
10	Determination of kinetic properties in unimolecular dissociation of complex systems from graph theory based analysis of an ensemble of reactive trajectories. <i>Journal of Chemical Physics</i> , 2021, 155, 124103.	3.0	7
11	Chirality Effects in Jet-Cooled Cyclic Dipeptides. , 2019, , 63-87.		4
12	How Symmetry Influences the Dissociation of Protonated Cyclic Peptides. <i>Symmetry</i> , 2022, 14, 679.	2.2	4
13	Infrared-Assisted Synthesis of Prebiotic Glycine. <i>ChemPhysChem</i> , 2020, 21, 503-509.	2.1	3