Susana Jarmelo

List of Publications by Year in descending order

24 papers	483 citations	687363 13 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	498 citing authors

#	Article	IF	Citations
1	Seeing is believing: A graphical reference framework for multi-criteria evaluation. Evaluation, 2017, 23, 479-494.	1.8	1
2	Conformational preferences of 3,4-dihydroxyphenylacetic acid (DOPAC). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 140, 54-64.	3.9	10
3	Unsupervised characterization of research institutions with task-force estimation. Journal of Informetrics, 2015, 9, 59-68.	2.9	4
4	Trans- and cis-stilbene isolated in cryogenic argon and xenon matrices. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 81-94.	3.9	14
5	Experimental (IR/Raman and ¹H/¹³C NMR) and Theoretical (DFT) Studies of the Preferential Conformations Adopted by <scp>l</scp>-Lactic Acid Oligomers and Poly(<scp>l</scp>-lactic acid) Homopolymer. Journal of Physical Chemistry B, 2012, 116, 9-21.	2.6	32
6	Thermoanalytical study of NÎ±-benzoyl-l-argininate ethyl ester chloride. Thermochimica Acta, 2012, 527, 83-90.	2.7	6
7	Study of NÎ±-benzoyl-L-argininate ethyl ester chloride, a model compound for poly(ester amide) precursors: X-ray diffraction, infrared and Raman spectroscopies, and quantum chemistry calculations. Journal of Chemical Physics, 2011, 134, 124505.	3.0	4
8	Poly(lactic acid) Synthesis in Solution Polymerization. Macromolecular Symposia, 2010, 296, 63-71.	0.7	24
9	Role of Guanidyl Moiety in the Insertion of Arginine and NÎ±-Benzoyl-l-argininate Ethyl Ester Chloride in Lipid Membranes. Journal of Physical Chemistry B, 2010, 114, 5946-5952.	2.6	10
10	¹H NMR Spectroscopic and Quantum Chemical Studies on a Poly(ester amide) Model Compound: N_{Î±}-Benzoyl-<scp>l</scp>-Argininate Ethyl Ester Chloride. Structural Preferences for the Isolated Molecule and in Solution. Journal of Physical Chemistry B, 2010, 114, 6156-6164.	2.6	5
11	Matrix-Isolated Diglycolic Anhydride: Vibrational Spectra and Photochemical Reactivity. Journal of Physical Chemistry A, 2008, 112, 11178-11189.	2.5	13
12	Crystal and Molecular Structure of <scp>dl</scp>-Serine Hydrochloride Studied by X-Ray Diffraction, Low-Temperature Fourier Transform Infrared Spectroscopy and DFT(B3LYP) Calculations. Journal of Physical Chemistry B, 2008, 112, 8032-8041.	2.6	11
13	Infrared and Raman spectroscopic characterization of the hydrogen-bonding network in l-serine crystal. Vibrational Spectroscopy, 2007, 43, 395-404.	2.2	61
14	The Raman spectra of serine and 3,3-dideutero-serine in aqueous solution. Vibrational Spectroscopy, 2007, 43, 104-110.	2.2	20
15	Entropy effects in conformational distribution and conformationally dependent UV-induced photolysis of serine monomer isolated in solid argon. Journal of Molecular Structure, 2006, 786, 175-181.	3.6	18
16	Low-temperature infrared spectra and hydrogen bonding in polycrystalline dl-serine and deuterated derivatives. Vibrational Spectroscopy, 2006, 41, 73-82.	2.2	31
17	Preferred Conformers and Photochemical (Î» > 200 nm) Reactivity of Serine and 3,3-Dideutero-Serine In the Neutral Form. Journal of Physical Chemistry A, 2005, 109, 5689-5707.	2.5	43
18	CÎ±â^'H Bond-Stretching Frequency in Alcohols as a Probe of Hydrogen-Bonding Strength:Â A Combined Vibrational Spectroscopic and Theoretical Study ofn-[1-D]Propanol. Journal of Physical Chemistry A, 2005, 109, 2069-2077.	2.5	41

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19	First experimental evidence of the third conformer of glycolic acid: combined matrix isolation, FTIR and theoretical study. Chemical Physics Letters, 2004, 389, 68-74.	2.6	35
20	IR-Induced Photoisomerization of Glycolic Acid Isolated in Low-Temperature Inert Matrices. Journal of Physical Chemistry A, 2004, 108, 6982-6989.	2.5	45
21	Structure and vibrational spectra of Î± hydroxy isobutyric acid in the crystalline and glassy phases and isolated in inert gas matrixesElectronic supplementary information (ESI) available: Predicted geometries for high energy conformers of HIBA (Table S1), definition of symmetry coordinates used in the vibrational calculations (Table S2) and calculated spectra for the experimentally relevant conformers and potential energy distributions (Tables S3â€“S5). See http://www.rsc.org/suppdata/cp/b1/b110949a/. Physical Chemistry Chemical Physics, 2002, 4, 1555-1563.	2.8	10
22	The low temperature crystalline and glassy states of methyl Î±-hydroxy-isobutyrate. Physical Chemistry Chemical Physics, 2001, 3, 387-392.	2.8	11
23	Structural and vibrational characterization of methyl glycolate in the low temperature crystalline and glassy states. Physical Chemistry Chemical Physics, 2000, 2, 1155-1163.	2.8	19
24	Molecular structure and vibrational spectra of methyl glycolate and methyl Î±-hydroxy isobutyrate. Journal of Molecular Structure, 1999, 509, 183-199.	3.6	15