Bistra A Stamboliyska

List of Publications by Year
in descending order

21	741	759233 12	713466 21
papers	citations	h-index	g-index

21	21	21	993
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Calculations of ¹³C NMR chemical shifts and Fâ€“C coupling constants of ciprofloxacin. Magnetic Resonance in Chemistry, 2019, 57, S75-S84.	1.9	5
2	Characterization of Zahari Zographâ€™s nave wall paintings in the church â€œThe nativity of the virginâ€•of Rila Monastery (Bulgaria) by vibrational spectroscopy and SEMâ€“EDX analysis. Science and Technology of Archaeological Research, 2017, 3, 437-449.	2.4	1
3	DFT and experimental study on the IR spectra and structure of acesulfame sweetener. Journal of Molecular Structure, 2012, 1009, 23-29.	3.6	21
4	Evaluation of the radical scavenging activity of a series of synthetic hydroxychalcones towards the DPPH radical. Journal of the Serbian Chemical Society, 2011, 76, 491-497.	0.8	12
5	DFT and experimental study on the IR spectra and structure of 2-hydroxy-3-methoxybenzaldehyde (o-vanillin) and its oxyanion. Journal of Molecular Structure, 2010, 963, 57-62.	3.6	10
6	Hyperpolarizability of donorâ€“acceptor azines subject to pushâ€“pull character and steric hindrance. Tetrahedron, 2009, 65, 9211-9217.	1.9	9
7	Nonlinear optical properties of pyridinium-betaines of squaric acid: Experimental and theoretical study. Chemical Physics, 2008, 348, 45-52.	1.9	30
8	Quantification of the pushâ€“pull character of the isophorone chromophore as a measure of molecular hyperpolarizability for NLO applications. Tetrahedron Letters, 2008, 49, 1323-1327.	1.4	24
9	Quantification of the Pushâ^'Pull Character of Donorâ^'Acceptor Triazenes. Journal of Organic Chemistry, 2008, 73, 8250-8255.	3.2	23
10	Spectral and structural study of two acceptor-substituted pyridinium-betaines of squaric acid: Promising chromophores for nonlinear optical applications. Chemical Physics, 2006, 324, 489-496.	1.9	16
11	DFT and experimental studies of the structure and vibrational spectra of curcumin. International Journal of Quantum Chemistry, 2005, 102, 1069-1079.	2.0	359
12	Experimental and computational studies of the structure and vibrational spectra of 4-dimethylamino pyridinium-betaine of squaric acid. Journal of Molecular Structure, 2004, 691, 241-248.	3.6	23
13	Experimental and computational studies of the structure and vibrational spectra of pyridinium-betaine of squaric acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2003, 59, 1805-1813.	3.9	11
14	Experimental and computational studies of the structure and vibrational spectra of 2-[5,5-dimethyl-3-(2-phenyl-vinil)-cyclohex-2-enylidene]-malononitrile. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2003, 59, 3325-3335.	3.9	16
15	Ab initio prediction of the vibrational spectra of the hydrogen-bonded complexes between CO and HONO2. International Journal of Quantum Chemistry, 2003, 92, 506-515.	2.0	9
16	Vibrational spectra and structure of benzil and its 18O- and d10-labelled derivatives: a quantum chemical and experimental study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2002, 58, 3127-3137.	3.9	35
17	Experimental and ab initio MO studies on the IR spectra and structure of pyridinium dicyanomethylide and trimethylammonium dicyanomethylide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2001, 57, 95-103.	3.9	10
18	Experimental and ab initio MO studies on the IR spectra and structure of cyanoacetic acid, its oxyanion and dianion. Journal of Molecular Structure, 1998, 444, 235-245.	3.6	10

#	Article	IF	Citations
19	Experimental and ab initio MO studies on the IR spectra and structure of cyanoacetamide, its carbanion and dianion. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 843-853.	3.9	12
20	IR spectra and structure of benzylidenemalononitrile and its cyanide, methoxide and heptylamine adducts: experimental and ab initio studies. Journal of Molecular Structure, 1997, 435, 235-245.	3.6	39
21	The infrared spectra and structure of o-sulfobenzimide (saccharin) and of its nitranion: An ab initio force field treatment. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1996, 52, 1135-1143.	3.9	66