Sorana Ionescu

List of Publications by Year
in descending order

39	470	758635 12	752256 20
papers	citations	h-index	g-index

41	41	41	632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring the interaction of 5,6- benzocoumarin-3-carboxylic acid with bovine serum albumin at the molecular level: A biophysical investigation using molecular dynamics. Revue Roumaine De Chimie, 2021, 66, 49-58.	0.4	2
2	Exciplex formation in the phenoxathiin-thioxanthone system. Revue Roumaine De Chimie, 2021, 66, 59-63.	0.4	0
3	Heterometallic metallacyclophanes constructed from side-off bicompartmental ligands. Journal of Coordination Chemistry, 2020, 73, 2773-2785.	0.8	0
4	Tryptophan / Dextran70 Based - Fluorescent Silver Nanoparticles: Synthesis and Physicochemical Properties. Journal of Fluorescence, 2019, 29, 981-992.	1.3	2
5	Coordination polymers and a dinuclear complex constructed from zinc(II) ions and fluorescein: iodine adsorption and optical properties. Journal of Coordination Chemistry, 2019, 72, 1222-1237.	0.8	6
6	Synthesis and biophysical characteristics of riboflavin/HSA protein system on silver nanoparticles. Materials Science and Engineering C, 2019, 96, 30-40.	3.8	8
7	New environment-sensitive bis-dansyl molecular probes bearing alkyl diamine linkers: Emissive features and interaction with cyclodextrins. Chemical Physics Letters, 2018, 713, 226-234.	1.2	7
8	Physicochemical and Antioxidant Properties of Riboflavin in Dextran70/HSA Systems. Journal of Fluorescence, 2018, 28, 889-896.	1.3	3
9	Organic co-crystals of 1,3-bis(4-pyridyl)azulene with a series of hydrogen-bond donors. CrystEngComm, 2018, 20, 4463-4484.	1.3	6
10	Mechanistic Investigations of the Organocatalytic Depolymerization of PET Waste with Isosorbide. Revista De Chimie (discontinued), 2018, 69, 1319-1326.	0.2	0
11	Spectroscopic study of 3-Hydroxyflavone - protein interaction in lipidic bi-layers immobilized on silver nanoparticles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 170, 1-8.	2.0	16
12	Physicochemical characterization of 3,6-diHydroxyflavone binding BSA immobilized on PEG-coated silver nanoparticles. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	2
13	Synthesis, physicochemical characterization and cytotoxic properties of riboflavin loaded Myrj52â€“silver nanoparticles. New Journal of Chemistry, 2017, 41, 5533-5541.	1.4	4
14	Complexation of Î²-cyclodextrin with dual molecular probes bearing fluorescent and paramagnetic moieties linked by short polyether chains. Physical Chemistry Chemical Physics, 2017, 19, 27839-27847.	1.3	10
15	Studies on the anticancer drug mitoxantroneâ€“DNAâ€“sodium dodecyl sulfate system. Journal of Molecular Liquids, 2015, 208, 333-341.	2.3	17
16	3-hydroxyflavone-bovine serum albumin interaction in Dextran medium. Journal of the Serbian Chemical Society, 2015, 80, 517-528.	0.4	7
17	Visible-light triggered photoswitching systems based on fluorescent azulenyl-substituted dithienylcyclopentenes. RSC Advances, 2015, 5, 63282-63286.	1.7	21
18	Photophysical Properties of Some Flavones Probes in Homogeneous Media. Journal of Fluorescence, 2014, 24, 75-83.	1.3	26

#	Article	IF	Citations
19	Fluorescence Characteristics of some Flavones Probes in Different Micellar Media. Journal of Fluorescence, 2014, 24, 735-743.	1.3	7
20	Effect of pH on the fluorescence characteristics of some flavones probes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 123, 303-308.	2.0	19
21	Spectroscopic analysis of the riboflavinâ€"serum albumins interaction on silver nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	30
22	Theoretical ECD calculations â€“ a useful tool for estimating the conformational change of a ligand in the binding pocket of proteins. Physical Chemistry Chemical Physics, 2013, 15, 11604.	1.3	9
23	On the Fluorescence of Luminol in a Silver Nanoparticles Complex. Journal of Fluorescence, 2013, 23, 569-574.	1.3	4
24	Ga and As competition for thiolate formation at p-GaAs(111) surfaces. Electrochimica Acta, 2013, 104, 1-11.	2.6	12
25	New Insights on Flavonoid-Serum Albumin Interactions from Concerted Spectroscopic Methods and Molecular Modeling. Current Drug Metabolism, 2013, 14, 474-490.	0.7	9
26	Induced chirality in fisetin upon binding to serum albumin: experimental circular dichroism and TDDFT calculations. Journal of Molecular Modeling, 2012, 18, 4381-4387.	0.8	9
27	Spectroscopic and coarse-grained simulation studies of the BSA and HSA protein adsorption on silver nanoparticles. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	45
28	Kaempferolâ€"human serum albumin interaction: Characterization of the induced chirality upon binding by experimental circular dichroism and TDDFT calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 709-715.	2.0	23
29	Study of the interaction between ofloxacin and human serum albumin by spectroscopic methods. Luminescence, 2011, 26, 710-715.	1.5	29
30	Interaction of fisetin with human serum albumin by fluorescence, circular dichroism spectroscopy and DFT calculations: binding parameters and conformational changes. Journal of Luminescence, 2011, 131, 1629-1635.	1.5	62
31	QUANTITATIVE CORRELATIONS BETWEEN REVERSED-PHASE LC DATA AND MOLECULAR PARAMETERS FOR SOME WEAKLY RELATED PESTICIDES. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 1529-1541.	0.5	0
32	Characterization of a new norfloxacin metabolite monitored during a bioequivalence study by means of mass spectrometry and quantum computation. Biomedical Chromatography, 2008, 22, 1100-1107.	0.8	9
33	2-Phenoxathiinyl-5-phenyloxazole and 5-phenoxathiinyl-2-phenyloxazole derivatives: Experimental and theoretical study of emission properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 66, 1165-1170.	2.0	7
34	Theoretical study of some verapamil derivatives. International Journal of Quantum Chemistry, 2006, 106, 1457-1464.	1.0	1
35	Experimental and theoretical study of 2,5-diaryloxazoles whose aryl are para-substituted phenyl groups. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 62, 252-260.	2.0	10
36	Active phases of supported cobalt catalysts for 2,3-dihydrofuran synthesis. Journal of Molecular Catalysis A, 2004, 215, 95-101.	4.8	13

#	Article	IF	Citations
37	Theoretical study of non-radiative deactivation pathways for some heterocyclic compounds. I. Pyrrolyl-izoxazole derivatives. Computational and Theoretical Chemistry, 2003, 630, 125-133.	1.5	2
38	Theoretical study of the excited states of 3-phenyl- and 3-thiophenyl-coumarins. Chemical Physics, 2003, 293, 53-64.	0.9	16
39	Excited states properties of some phenoxathiin derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 1999, 124, 67-73.	2.0	15