

# Sorana Ionescu

## List of Publications by Year in descending order

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39  
papers

470  
citations

758635

12  
h-index

752256

20  
g-index

41  
all docs

41  
docs citations

41  
times ranked

632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of fisetin with human serum albumin by fluorescence, circular dichroism spectroscopy and DFT calculations: binding parameters and conformational changes. <i>Journal of Luminescence</i> , 2011, 131, 1629-1635.	1.5	62
2	Spectroscopic and coarse-grained simulation studies of the BSA and HSA protein adsorption on silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	45
3	Spectroscopic analysis of the riboflavin-serum albumins interaction on silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	30
4	Study of the interaction between ofloxacin and human serum albumin by spectroscopic methods. <i>Luminescence</i> , 2011, 26, 710-715.	1.5	29
5	Photophysical Properties of Some Flavones Probes in Homogeneous Media. <i>Journal of Fluorescence</i> , 2014, 24, 75-83.	1.3	26
6	Kaempferol-human serum albumin interaction: Characterization of the induced chirality upon binding by experimental circular dichroism and TDDFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 709-715.	2.0	23
7	Visible-light triggered photoswitching systems based on fluorescent azuleny-substituted dithienylcyclopentenes. <i>RSC Advances</i> , 2015, 5, 63282-63286.	1.7	21
8	Effect of pH on the fluorescence characteristics of some flavones probes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 303-308.	2.0	19
9	Studies on the anticancer drug mitoxantrone-DNA-sodium dodecyl sulfate system. <i>Journal of Molecular Liquids</i> , 2015, 208, 333-341.	2.3	17
10	Theoretical study of the excited states of 3-phenyl- and 3-thiophenyl-coumarins. <i>Chemical Physics</i> , 2003, 293, 53-64.	0.9	16
11	Spectroscopic study of 3-Hydroxyflavone - protein interaction in lipidic bi-layers immobilized on silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 170, 1-8.	2.0	16
12	Excited states properties of some phenoxathiin derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999, 124, 67-73.	2.0	15
13	Active phases of supported cobalt catalysts for 2,3-dihydrofuran synthesis. <i>Journal of Molecular Catalysis A</i> , 2004, 215, 95-101.	4.8	13
14	Ga and As competition for thiolate formation at p-GaAs(111) surfaces. <i>Electrochimica Acta</i> , 2013, 104, 1-11.	2.6	12
15	Experimental and theoretical study of 2,5-diaryloxazoles whose aryl are para-substituted phenyl groups. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 252-260.	2.0	10
16	Complexation of $\beta$ -cyclodextrin with dual molecular probes bearing fluorescent and paramagnetic moieties linked by short polyether chains. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 27839-27847.	1.3	10
17	Characterization of a new norfloxacin metabolite monitored during a bioequivalence study by means of mass spectrometry and quantum computation. <i>Biomedical Chromatography</i> , 2008, 22, 1100-1107.	0.8	9
18	Induced chirality in fisetin upon binding to serum albumin: experimental circular dichroism and TDDFT calculations. <i>Journal of Molecular Modeling</i> , 2012, 18, 4381-4387.	0.8	9

#	ARTICLE	IF	CITATIONS
19	Theoretical ECD calculations – a useful tool for estimating the conformational change of a ligand in the binding pocket of proteins. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 11604.	1.3	9
20	New Insights on Flavonoid-Serum Albumin Interactions from Concerted Spectroscopic Methods and Molecular Modeling. <i>Current Drug Metabolism</i> , 2013, 14, 474-490.	0.7	9
21	Synthesis and biophysical characteristics of riboflavin/HSA protein system on silver nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 96, 30-40.	3.8	8
22	2-Phenoxathiinyl-5-phenyloxazole and 5-phenoxathiinyl-2-phenyloxazole derivatives: Experimental and theoretical study of emission properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 1165-1170.	2.0	7
23	Fluorescence Characteristics of some Flavones Probes in Different Micellar Media. <i>Journal of Fluorescence</i> , 2014, 24, 735-743.	1.3	7
24	3-hydroxyflavone-bovine serum albumin interaction in Dextran medium. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 517-528.	0.4	7
25	New environment-sensitive bis-dansyl molecular probes bearing alkyl diamine linkers: Emissive features and interaction with cyclodextrins. <i>Chemical Physics Letters</i> , 2018, 713, 226-234.	1.2	7
26	Organic co-crystals of 1,3-bis(4-pyridyl)azulene with a series of hydrogen-bond donors. <i>CrystEngComm</i> , 2018, 20, 4463-4484.	1.3	6
27	Coordination polymers and a dinuclear complex constructed from zinc(II) ions and fluorescein: iodine adsorption and optical properties. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1222-1237.	0.8	6
28	On the Fluorescence of Luminol in a Silver Nanoparticles Complex. <i>Journal of Fluorescence</i> , 2013, 23, 569-574.	1.3	4
29	Synthesis, physicochemical characterization and cytotoxic properties of riboflavin loaded Myrj52-silver nanoparticles. <i>New Journal of Chemistry</i> , 2017, 41, 5533-5541.	1.4	4
30	Physicochemical and Antioxidant Properties of Riboflavin in Dextran70/HSA Systems. <i>Journal of Fluorescence</i> , 2018, 28, 889-896.	1.3	3
31	Theoretical study of non-radiative deactivation pathways for some heterocyclic compounds. I. Pyrrolyl-izoxazole derivatives. <i>Computational and Theoretical Chemistry</i> , 2003, 630, 125-133.	1.5	2
32	Physicochemical characterization of 3,6-diHydroxyflavone binding BSA immobilized on PEG-coated silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	2
33	Tryptophan / Dextran70 Based - Fluorescent Silver Nanoparticles: Synthesis and Physicochemical Properties. <i>Journal of Fluorescence</i> , 2019, 29, 981-992.	1.3	2
34	Exploring the interaction of 5,6- benzocoumarin-3-carboxylic acid with bovine serum albumin at the molecular level: A biophysical investigation using molecular dynamics. <i>Revue Roumaine De Chimie</i> , 2021, 66, 49-58.	0.4	2
35	Theoretical study of some verapamil derivatives. <i>International Journal of Quantum Chemistry</i> , 2006, 106, 1457-1464.	1.0	1
36	QUANTITATIVE CORRELATIONS BETWEEN REVERSED-PHASE LC DATA AND MOLECULAR PARAMETERS FOR SOME WEAKLY RELATED PESTICIDES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010, 33, 1529-1541.	0.5	0

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37	Heterometallic metallacyclophanes constructed from side-off bicompartamental ligands. Journal of Coordination Chemistry, 2020, 73, 2773-2785.	0.8	0
38	Exciplex formation in the phenoxathiin-thioxanthone system. Revue Roumaine De Chimie, 2021, 66, 59-63.	0.4	0
39	Mechanistic Investigations of the Organocatalytic Depolymerization of PET Waste with Isosorbide. Revista De Chimie (discontinued), 2018, 69, 1319-1326.	0.2	0