

Mariana Voicescu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

599
citations

16
h-index

21
g-index

58
ext. papers

682
ext. citations

3.3
avg, IF

3.8
L-index

#	Paper	IF	Citations
56	On the role of pH and temperature on ground and excited state proton transfer of hydroxyflavones in lipidic bilayers of lecithin. <i>Journal of Molecular Liquids</i> , 2022 , 352, 118696	6	2
55	Fluorescent Flavin/PVP-Coated Silver Nanoparticles: Design and Biological Performance.. <i>Journal of Fluorescence</i> , 2022 , 1	2.4	
54	Cerium-Containing Mesoporous Bioactive Glasses (MBGs)-Derived Scaffolds with Drug Delivery Capability for Potential Tissue Engineering Applications. <i>Pharmaceutics</i> , 2022 , 14, 1169	6.4	2
53	Preparation and Biocompatibility of Poly Methyl Methacrylate (PMMA)-Mesoporous Bioactive Glass (MBG) Composite Scaffolds. <i>Gels</i> , 2021 , 7,	4.2	1
52	Benzofurazan derivatives modified graphene oxide nanocomposite: Physico-chemical characterization and interaction with bacterial and tumoral cells. <i>Materials Science and Engineering C</i> , 2021 , 123, 112028	8.3	3
51	A novel composite based on pyrene thiazole grafted on graphene oxide: physico-chemical characterization and electrochemical investigations. <i>Materials Chemistry and Physics</i> , 2021 , 262, 124315	4.4	1
50	Spectroscopic, molecular dynamics simulation and biological studies of Flavin MonoNucleotide and Flavin Adenine Dinucleotide in biomimetic systems. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 246, 118997	4.4	2
49	Ecological formulation for improving resveratrol stability and release in aqueous environment. <i>Chemical Papers</i> , 2021 , 75, 2033-2041	1.9	
48	Tryptophan / Dextran70 Based - Fluorescent Silver Nanoparticles: Synthesis and Physicochemical Properties. <i>Journal of Fluorescence</i> , 2019 , 29, 981-992	2.4	1
47	Fluorescent coumarin-modified mesoporous SBA-15 nanocomposite: Physico-chemical characterization and interaction with prokaryotic and eukaryotic cells. <i>Microporous and Mesoporous Materials</i> , 2019 , 288, 109583	5.3	2
46	Influence of preparation method and nitrogen (N) doping on properties and photo-catalytic activity of mesoporous SrTiO ₃ . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 368, 41-51	4.7	21
45	Synthesis and biophysical characteristics of riboflavin/HSA protein system on silver nanoparticles. <i>Materials Science and Engineering C</i> , 2019 , 96, 30-40	8.3	5
44	Cerium-containing mesoporous bioactive glasses: Material characterization, in vitro bioactivity, biocompatibility and cytotoxicity evaluation. <i>Microporous and Mesoporous Materials</i> , 2019 , 276, 76-88	5.3	25
43	Iron doped TiO ₂ films and their photoactivity in nitrobenzene removal from water. <i>Applied Surface Science</i> , 2018 , 455, 201-215	6.7	43
42	Physicochemical and Antioxidant Properties of Riboflavin in Dextran70/HSA Systems. <i>Journal of Fluorescence</i> , 2018 , 28, 889-896	2.4	3
41	Organic co-crystals of 1,3-bis(4-pyridyl)azulene with a series of hydrogen-bond donors. <i>CrystEngComm</i> , 2018 , 20, 4463-4484	3.3	3
40	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	4.4	9

39	Physicochemical characterization of 3,6-diHydroxyflavone binding BSA immobilized on PEG-coated silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	1
38	Antioxidant and cytotoxic properties of riboflavin in PEG/BSA systems. <i>Chemical Papers</i> , 2017 , 71, 1107-1117	1.1	8
37	1-Picryl-2-phenyl-2-(4-picrylamidophenyl) diazenium betaine and its radical-anion: synthesis and physical properties. <i>Monatshefte Für Chemie</i> , 2017 , 148, 1411-1416	1.4	1
36	Synthesis, physicochemical characterization and cytotoxic properties of riboflavin loaded Myrj52Silver nanoparticles. <i>New Journal of Chemistry</i> , 2017 , 41, 5533-5541	3.6	3
35	Bioproduct obtained from probiotic microorganisms consortia-studies regarding the effects generated in vitro on two types of leukemic cell lines. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 655, 275-286	0.5	
34	Zingiber officinale based bioproduct. Properties and influence on some cellulolytic and keratinolytic fungi. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 655, 103-113	0.5	4
33	Biomaterial with antioxidant and antifungal activities, obtained from romanian indigenous plants. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 655, 243-249	0.5	6
32	Effects of biomaterials obtained from consortia of probiotic microorganism in submerged biosynthesis on THP1 cells line. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 655, 255-265	0.5	
31	Antioxidant activity of phytoestrogen type isoflavones in biomimetic environments. <i>New Journal of Chemistry</i> , 2016 , 40, 606-612	3.6	8
30	Synthesis and properties of fluorescent 4Azulenyl-functionalized 2,2'6'6'-terpyridines. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 1812-1825	2.5	12
29	3-hydroxyflavone-bovine serum albumin interaction in Dextran medium. <i>Journal of the Serbian Chemical Society</i> , 2015 , 80, 517-528	0.9	7
28	Visible-light triggered photoswitching systems based on fluorescent azulenyl-substituted dithienylcyclopentenes. <i>RSC Advances</i> , 2015 , 5, 63282-63286	3.7	19
27	Nanostructured Er ³⁺ -doped SiO ₂ /TiO ₂ and SiO ₂ /TiO ₂ /Al ₂ O ₃ sol-gel thin films for integrated optics. <i>Optical Materials</i> , 2015 , 46, 481-490	3.3	10
26	Study of formation of LiCoO ₂ using a modified Pechini aqueous sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 74, 406-418	2.3	6
25	Physicochemical Characterization and In Vitro Cytotoxic Effect of 3-Hydroxyflavone in a Silver Nanoparticles Complex. <i>Journal of Fluorescence</i> , 2015 , 25, 1215-23	2.4	5
24	Insights into the antioxidant activity of some flavones on silver nanoparticles using the chemiluminescence method. <i>Journal of Luminescence</i> , 2015 , 157, 243-248	3.8	11
23	Sol-gel zirconia-based nanopowders with potential applications for sensors. <i>Ceramics International</i> , 2015 , 41, 4381-4390	5.1	16
22	3,6-diHydroxyflavone/bovine serum albumin interaction in cyclodextrin medium: absorption and emission monitoring. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 138, 628-36	4.4	9

21	Effect of pH on the fluorescence characteristics of some flavones probes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 123, 303-8	4.4	14
20	ZrO ₂ influence on structure and properties of some alkali lime zinc aluminosilicate glass ceramics. <i>Ceramics International</i> , 2014 , 40, 7337-7344	5.1	8
19	Photophysical properties of some flavones probes in homogeneous media. <i>Journal of Fluorescence</i> , 2014 , 24, 75-83	2.4	21
18	Fluorescence characteristics of some flavones probes in different micellar media. <i>Journal of Fluorescence</i> , 2014 , 24, 735-43	2.4	6
17	Spectroscopic analysis of the riboflavin-serum albumins interaction on silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	23
16	Characterization of two quinone radicals in the NADH:ubiquinone oxidoreductase from <i>Escherichia coli</i> by a combined fluorescence spectroscopic and electrochemical approach. <i>Biochemistry</i> , 2013 , 52, 8993-9000	3.2	10
15	A way for improving the stability of the essential oils in an environmental friendly formulation. <i>Materials Science and Engineering C</i> , 2013 , 33, 3281-8	8.3	34
14	On the fluorescence of luminol in a silver nanoparticles complex. <i>Journal of Fluorescence</i> , 2013 , 23, 569-744	2.4	4
13	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	2.3	39
12	Sol-gel zirconia nanopowders with β -cyclodextrin as organic additive. <i>Journal of Alloys and Compounds</i> , 2012 , 517, 157-163	5.7	17
11	A combined fluorescence spectroscopic and electrochemical approach for the study of thioredoxins. <i>Biochemistry</i> , 2011 , 50, 17-24	3.2	14
10	On the specificity of the amide VI band for the secondary structure of proteins. <i>Vibrational Spectroscopy</i> , 2011 , 55, 258-266	2.1	18
9	Evaluation of the oxidative activity of some free base porphyrins by a chemiluminescence method. <i>Journal of the Serbian Chemical Society</i> , 2010 , 75, 333-341	0.9	16
8	Steady-state and time resolved fluorescence analysis on tyrosine-histidine model compounds. <i>Journal of Fluorescence</i> , 2009 , 19, 257-66	2.4	18
7	Spectroscopic analysis of tyrosine derivatives: on the role of the tyrosine-histidine covalent linkage in cytochrome c oxidase. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 13429-36	3.4	28
6	The antioxidative activity of riboflavin in the presence of antipyrin. Spectroscopic studies. <i>Journal of Fluorescence</i> , 2008 , 18, 953-9	2.4	14
5	The Effect of Cyclodextrins on the Luminol-Hydrogen Peroxide Chemiluminescence. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2006 , 54, 217-219		14
4	Spectrophotometric Study of Luminol in Dimethyl Sulfoxide-Potassium Hydroxide. <i>Journal of Fluorescence</i> , 2003 , 13, 315-322	2.4	19

- 3 On the luminescence of luminol in DMSO in the presence of potassium superoxide-18-crown-6-ether and fluorescein. *Journal of Luminescence*, **2002**, 97, 60-67 3.8 16
- 2 Energy Transfer from the Aminophthalate Dianion to Fluorescein. *Journal of Fluorescence*, **2000**, 10, 229-229 16
- 1 A curcumin-loaded silica carrier with NH₃ sensitivity and antimicrobial properties. *Chemical Papers*, 1 1.9