

# Mariana Voicescu

## List of Publications by Citations

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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	Iron doped TiO <sub>2</sub> films and their photoactivity in nitrobenzene removal from water. <i>Applied Surface Science</i> , <b>2018</b> , 455, 201-215	6.7	43
55	Spectroscopic and coarse-grained simulation studies of the BSA and HSA protein adsorption on silver nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1	2.3	39
54	A way for improving the stability of the essential oils in an environmental friendly formulation. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 3281-8	8.3	34
53	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> , <b>2009</b> , 113, 13429-36	3.4	28
52	Cerium-containing mesoporous bioactive glasses: Material characterization, in vitro bioactivity, biocompatibility and cytotoxicity evaluation. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 276, 76-88	5.3	25
51	Spectroscopic analysis of the riboflavin- $\beta$ -casein interaction on silver nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	23
50	Photophysical properties of some flavones probes in homogeneous media. <i>Journal of Fluorescence</i> , <b>2014</b> , 24, 75-83	2.4	21
49	Influence of preparation method and nitrogen (N) doping on properties and photo-catalytic activity of mesoporous SrTiO <sub>3</sub> . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2019</b> , 368, 41-51	4.7	21
48	Visible-light triggered photoswitching systems based on fluorescent azulenyl-substituted dithienylcyclopentenes. <i>RSC Advances</i> , <b>2015</b> , 5, 63282-63286	3.7	19
47	Spectrophotometric Study of Luminol in Dimethyl Sulfoxide-Potassium Hydroxide. <i>Journal of Fluorescence</i> , <b>2003</b> , 13, 315-322	2.4	19
46	Steady-state and time resolved fluorescence analysis on tyrosine-histidine model compounds. <i>Journal of Fluorescence</i> , <b>2009</b> , 19, 257-66	2.4	18
45	On the specificity of the amide VI band for the secondary structure of proteins. <i>Vibrational Spectroscopy</i> , <b>2011</b> , 55, 258-266	2.1	18
44	Sol-gel zirconia nanopowders with $\beta$ -cyclodextrin as organic additive. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 517, 157-163	5.7	17
43	Sol-gel zirconia-based nanopowders with potential applications for sensors. <i>Ceramics International</i> , <b>2015</b> , 41, 4381-4390	5.1	16
42	On the luminescence of luminol in DMSO in the presence of potassium superoxide-18-crown-6-ether and fluorescein. <i>Journal of Luminescence</i> , <b>2002</b> , 97, 60-67	3.8	16
41	Energy Transfer from the Aminophthalate Dianion to Fluorescein. <i>Journal of Fluorescence</i> , <b>2000</b> , 10, 229-239	2.2	16
40	Evaluation of the oxidative activity of some free base porphyrins by a chemiluminescence method. <i>Journal of the Serbian Chemical Society</i> , <b>2010</b> , 75, 333-341	0.9	16

39	Effect of pH on the fluorescence characteristics of some flavones probes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 123, 303-8	4.4	14
38	A combined fluorescence spectroscopic and electrochemical approach for the study of thioredoxins. <i>Biochemistry</i> , <b>2011</b> , 50, 17-24	3.2	14
37	The antioxidative activity of riboflavin in the presence of antipyrin. Spectroscopic studies. <i>Journal of Fluorescence</i> , <b>2008</b> , 18, 953-9	2.4	14
36	The Effect of Cyclodextrins on the Luminol-Hydrogen Peroxide Chemiluminescence. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2006</b> , 54, 217-219		14
35	Synthesis and properties of fluorescent 4-Vazulenyl-functionalized 2,2',6',2'-terpyridines. <i>Beilstein Journal of Organic Chemistry</i> , <b>2016</b> , 12, 1812-1825	2.5	12
34	Insights into the antioxidant activity of some flavones on silver nanoparticles using the chemiluminescence method. <i>Journal of Luminescence</i> , <b>2015</b> , 157, 243-248	3.8	11
33	Nanostructured Er <sup>3+</sup> -doped SiO <sub>2</sub> /TiO <sub>2</sub> and SiO <sub>2</sub> /TiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> sol-gel thin films for integrated optics. <i>Optical Materials</i> , <b>2015</b> , 46, 481-490	3.3	10
32	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> , <b>2013</b> , 52, 8993-9000	3.2	10
31	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> , <b>2017</b> , 170, 1-8	4.4	9
30	3,6-diHydroxyflavone/bovine serum albumin interaction in cyclodextrin medium: absorption and emission monitoring. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 138, 628-36	4.4	9
29	Antioxidant and cytotoxic properties of riboflavin in PEG/BSA systems. <i>Chemical Papers</i> , <b>2017</b> , 71, 1107-1117	4.1	8
28	Antioxidant activity of phytoestrogen type isoflavones in biomimetic environments. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 606-612	3.6	8
27	ZrO <sub>2</sub> influence on structure and properties of some alkali lime zinc aluminosilicate glass ceramics. <i>Ceramics International</i> , <b>2014</b> , 40, 7337-7344	5.1	8
26	3-hydroxyflavone-bovine serum albumin interaction in Dextran medium. <i>Journal of the Serbian Chemical Society</i> , <b>2015</b> , 80, 517-528	0.9	7
25	Study of formation of LiCoO <sub>2</sub> using a modified Pechini aqueous sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , <b>2015</b> , 74, 406-418	2.3	6
24	Biomaterial with antioxidant and antifungal activities, obtained from romanian indigenous plants. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 655, 243-249	0.5	6
23	Fluorescence characteristics of some flavones probes in different micellar media. <i>Journal of Fluorescence</i> , <b>2014</b> , 24, 735-43	2.4	6
22	Physicochemical Characterization and In Vitro Cytotoxic Effect of 3-Hydroxyflavone in a Silver Nanoparticles Complex. <i>Journal of Fluorescence</i> , <b>2015</b> , 25, 1215-23	2.4	5

21	Synthesis and biophysical characteristics of riboflavin/HSA protein system on silver nanoparticles. <i>Materials Science and Engineering C</i> , <b>2019</b> , 96, 30-40	8.3	5
20	On the fluorescence of luminol in a silver nanoparticles complex. <i>Journal of Fluorescence</i> , <b>2013</b> , 23, 569-744	7.4	4
19	Zingiber officinale based bioproduct. Properties and influence on some cellulolytic and keratinolytic fungi. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 655, 103-113	0.5	4
18	Synthesis, physicochemical characterization and cytotoxic properties of riboflavin loaded Myrj52Silver nanoparticles. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 5533-5541	3.6	3
17	Benzofurazan derivatives modified graphene oxide nanocomposite: Physico-chemical characterization and interaction with bacterial and tumoral cells. <i>Materials Science and Engineering C</i> , <b>2021</b> , 123, 112028	8.3	3
16	Physicochemical and Antioxidant Properties of Riboflavin in Dextran70/HSA Systems. <i>Journal of Fluorescence</i> , <b>2018</b> , 28, 889-896	2.4	3
15	Organic co-crystals of 1,3-bis(4-pyridyl)azulene with a series of hydrogen-bond donors. <i>CrystEngComm</i> , <b>2018</b> , 20, 4463-4484	3.3	3
14	Fluorescent coumarin-modified mesoporous SBA-15 nanocomposite: Physico-chemical characterization and interaction with prokaryotic and eukaryotic cells. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 288, 109583	5.3	2
13	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> , <b>2022</b> , 352, 118696	6	2
12	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> , <b>2021</b> , 246, 118997	4.4	2
11	Cerium-Containing Mesoporous Bioactive Glasses (MBGs)-Derived Scaffolds with Drug Delivery Capability for Potential Tissue Engineering Applications. <i>Pharmaceutics</i> , <b>2022</b> , 14, 1169	6.4	2
10	Physicochemical characterization of 3,6-diHydroxyflavone binding BSA immobilized on PEG-coated silver nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2017</b> , 19, 1	2.3	1
9	1-Picryl-2-phenyl-2-(4-picrylamidophenyl) diazenium betaine and its radical-anion: synthesis and physical properties. <i>Monatshefte Für Chemie</i> , <b>2017</b> , 148, 1411-1416	1.4	1
8	Tryptophan / Dextran70 Based - Fluorescent Silver Nanoparticles: Synthesis and Physicochemical Properties. <i>Journal of Fluorescence</i> , <b>2019</b> , 29, 981-992	2.4	1
7	Preparation and Biocompatibility of Poly Methyl Methacrylate (PMMA)-Mesoporous Bioactive Glass (MBG) Composite Scaffolds. <i>Gels</i> , <b>2021</b> , 7,	4.2	1
6	A novel composite based on pyrene thiazole grafted on graphene oxide:physico-chemical characterization and electrochemical investigations. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 262, 124315	4.4	1
5	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> , <b>2017</b> , 655, 275-286	0.5	
4	Effects of biomaterials obtained from consortia of probiotic microorganism in submerged biosynthesis on THP1 cells line. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 655, 255-265	0.5	

- 3 A curcumin-loaded silica carrier with NH<sub>3</sub> sensitivity and antimicrobial properties. *Chemical Papers*, 1 1.9
- 2 Ecological formulation for improving resveratrol stability and release in aqueous environment. *Chemical Papers*, 2021, 75, 2033-2041 1.9
- 1 Fluorescent Flavin/PVP-Coated Silver Nanoparticles: Design and Biological Performance.. *Journal of Fluorescence*, 2022, 1 2.4