Mariana Voicescu

List of Publications by Year in descending order

58 papers	793 citations	471061 17 h-index	580395 25 g-index
58 all docs	58 docs citations	58 times ranked	981 citing authors

#	Article	IF	Citations
1	Iron doped TiO2 films and their photoactivity in nitrobenzene removal from water. Applied Surface Science, 2018, 455, 201-215.	3.1	61
2	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
3	Cerium-containing mesoporous bioactive glasses: Material characterization, in vitro bioactivity, biocompatibility and cytotoxicity evaluation. Microporous and Mesoporous Materials, 2019, 276, 76-88.	2.2	41
4	A way for improving the stability of the essential oils in an environmental friendly formulation. Materials Science and Engineering C, 2013, 33, 3281-3288.	3.8	39
5	Influence of preparation method and nitrogen (N) doping on properties and photo-catalytic activity of mesoporous SrTiO3. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 368, 41-51.	2.0	39
6	Spectroscopic Analysis of Tyrosine Derivatives: On the Role of the Tyrosineâ^'Histidine Covalent Linkage in Cytochrome c Oxidase. Journal of Physical Chemistry B, 2009, 113, 13429-13436.	1.2	30
7	Spectroscopic analysis of the riboflavinâ€"serum albumins interaction on silver nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	30
8	Photophysical Properties of Some Flavones Probes in Homogeneous Media. Journal of Fluorescence, 2014, 24, 75-83.	1.3	26
9	Steady-State and Time Resolved Fluorescence Analysis on Tyrosineâ€"Histidine Model Compounds. Journal of Fluorescence, 2009, 19, 257-266.	1.3	21
10	On the specificity of the amide VI band for the secondary structure of proteins. Vibrational Spectroscopy, 2011, 55, 258-266.	1.2	21
11	Solâ€"gel zirconia nanopowders with Î±-cyclodextrin as organic additive. Journal of Alloys and Compounds, 2012, 517, 157-163.	2.8	21
12	Visible-light triggered photoswitching systems based on fluorescent azulenyl-substituted dithienylcyclopentenes. RSC Advances, 2015, 5, 63282-63286.	1.7	21
13	Sol-gel zirconia-based nanopowders with potential applications for sensors. Ceramics International, 2015, 41, 4381-4390.	2.3	20
14	Energy Transfer from the Aminophthalate Dianion to Fluorescein. Journal of Fluorescence, 2000, 10, 229-229.	1.3	19
15	Spectrophotometric Study of Luminol in Dimethyl Sulfoxideâ€"Potassium Hydroxide. Journal of Fluorescence, 2003, 13, 315-322.	1.3	19
16	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
17	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.	1.5	18
18	Insights into the antioxidant activity of some flavones on silver nanoparticles using the chemiluminescence method. Journal of Luminescence, 2015, 157, 243-248.	1.5	17

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19	Evaluation of the oxidative activity of some free base porphyrins by a chemiluminescence method. Journal of the Serbian Chemical Society, 2010, 75, 333-341.	0.4	17
20	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
21	The Effect of Cyclodextrins on the Luminol-Hydrogen Peroxide Chemiluminescence. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 54, 217-219.	1.6	15
22	A Combined Fluorescence Spectroscopic and Electrochemical Approach for the Study of Thioredoxins. Biochemistry, 2011, 50, 17-24.	1.2	15
23	Synthesis and properties of fluorescent 4â€²-azulenyl-functionalized 2,2â€²:6â€²,2â€³-terpyridines. Beilstein Journal of Organic Chemistry, 2016, 12, 1812-1825.	1.3	15
24	Cerium-Containing Mesoporous Bioactive Glasses (MBGs)-Derived Scaffolds with Drug Delivery Capability for Potential Tissue Engineering Applications. Pharmaceutics, 2022, 14, 1169.	2.0	15
25	The Antioxidative Activity of Riboflavin in the Presence of Antipyrin. Spectroscopic Studies. Journal of Fluorescence, 2008, 18, 953-959.	1.3	14
26	Characterization of Two Quinone Radicals in the NADH:Ubiquinone Oxidoreductase from Escherichia coli by a Combined Fluorescence Spectroscopic and Electrochemical Approach. Biochemistry, 2013, 52, 8993-9000.	1.2	14
27	Nanostructured Er3+-doped SiO2â€“TiO2 and SiO2â€“TiO2â€“Al2O3 solâ€“gel thin films for integrated optics. Optical Materials, 2015, 46, 481-490.	1.7	11
28	ZrO2 influence on structure and properties of some alkali lime zinc aluminosilicate glass ceramics. Ceramics International, 2014, 40, 7337-7344.	2.3	10
29	3,6-diHydroxyflavone/bovine serum albumin interaction in cyclodextrin medium: Absorption and emission monitoring. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 138, 628-636.	2.0	10
30	Antioxidant activity of phytoestrogen type isoflavones in biomimetic environments. New Journal of Chemistry, 2016, 40, 606-612.	1.4	9
31	Antioxidant and cytotoxic properties of riboflavin in PEG/BSA systems. Chemical Papers, 2017, 71, 1107-1117.	1.0	9
32	Biomaterial with antioxidant and antifungal activities, obtained from romanian indigenous plants. Molecular Crystals and Liquid Crystals, 2017, 655, 243-249.	0.4	8
33	Synthesis and biophysical characteristics of riboflavin/HSA protein system on silver nanoparticles. Materials Science and Engineering C, 2019, 96, 30-40.	3.8	8
34	Fluorescence Characteristics of some Flavones Probes in Different Micellar Media. Journal of Fluorescence, 2014, 24, 735-743.	1.3	7
35	3-hydroxyflavone-bovine serum albumin interaction in Dextran medium. Journal of the Serbian Chemical Society, 2015, 80, 517-528.	0.4	7
36	Study of formation of LiCoO2 using a modified Pechini aqueous solâ€“gel process. Journal of Sol-Gel Science and Technology, 2015, 74, 406-418.	1.1	7

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37	Preparation and Biocompatibility of Poly Methyl Methacrylate (PMMA)-Mesoporous Bioactive Glass (MBG) Composite Scaffolds. Gels, 2021, 7, 180.	2.1	7
38	On the role of pH and temperature on ground â€“ and excited â€“ state proton transfer of hydroxyflavones in lipidic bilayers of lecithin. Journal of Molecular Liquids, 2022, 352, 118696.	2.3	7
39	Design, Synthesis, and Biological Evaluation of New Azulene-Containing Chalcones. Materials, 2022, 15, 1629.	1.3	7
40	Studies Regarding the Pharmaceutical Potential of Derivative Products from Plantain. Plants, 2022, 11, 1827.	1.6	7
41	Physicochemical Characterization and In Vitro Cytotoxic Effect of 3-Hydroxyflavone in a Silver Nanoparticles Complex. Journal of Fluorescence, 2015, 25, 1215-1223.	1.3	6
42	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
43	Benzofurazan derivatives modified graphene oxide nanocomposite: Physico-chemical characterization and interaction with bacterial and tumoral cells. Materials Science and Engineering C, 2021, 123, 112028.	3.8	6
44	On the Fluorescence of Luminol in a Silver Nanoparticles Complex. Journal of Fluorescence, 2013, 23, 569-574.	1.3	4
45	Synthesis, physicochemical characterization and cytotoxic properties of riboflavin loaded Myrj52â€“silver nanoparticles. New Journal of Chemistry, 2017, 41, 5533-5541.	1.4	4
46	Zingiber officinale based bioproduct. Properties and influence on some cellulolytic and keratinolytic fungi. Molecular Crystals and Liquid Crystals, 2017, 655, 103-113.	0.4	4
47	Fluorescent coumarin-modified mesoporous SBA-15 nanocomposite: Physico-chemical characterization and interaction with prokaryotic and eukaryotic cells. Microporous and Mesoporous Materials, 2019, 288, 109583.	2.2	4
48	Physicochemical and Antioxidant Properties of Riboflavin in Dextran70/HSA Systems. Journal of Fluorescence, 2018, 28, 889-896.	1.3	3
49	Spectroscopic, molecular dynamics simulation and biological studies of Flavin MonoNucleotide and Flavin Adenine Dinucleotide in biomimetic systems. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 246, 118997.	2.0	3
50	A novel composite based on pyrene thiazole grafted on graphene oxide:physico-chemical characterization and electrochemical investigations. Materials Chemistry and Physics, 2021, 262, 124315.	2.0	3
51	Physicochemical characterization of 3,6-diHydroxyflavone binding BSA immobilized on PEG-coated silver nanoparticles. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	2
52	1-Picryl-2-phenyl-2-(4-picrylamidophenyl) diazenium betaine and its radical-anion: synthesis and physical properties. Monatshefte FÃ¼r Chemie, 2017, 148, 1411-1416.	0.9	2
53	Tryptophan / Dextran70 Based - Fluorescent Silver Nanoparticles: Synthesis and Physicochemical Properties. Journal of Fluorescence, 2019, 29, 981-992.	1.3	2
54	A curcumin-loaded silica carrier with NH3 sensitivity and antimicrobial properties. Chemical Papers, 2022, 76, 3087-3096.	1.0	1

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55	Fluorescent Flavin/PVP-Coated Silver Nanoparticles: Design and Biological Performance. Journal of Fluorescence, 2022, , 1.	1.3	1
56	Bioproduct obtained from probiotic microorganisms consortia-studies regarding the effects generated in vitro on two types of leukemic cell lines. Molecular Crystals and Liquid Crystals, 2017, 655, 275-286.	0.4	0
57	Effects of biomaterials obtained from consortia of probiotic microorganism in submerged biosynthesis on THP1 cells line. Molecular Crystals and Liquid Crystals, 2017, 655, 255-265.	0.4	0
58	Ecological formulation for improving resveratrol stability and release in aqueous environment. Chemical Papers, 2021, 75, 2033-2041.	1.0	0