

Gabriela Ionita

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Model Systems for Evidencing the Mediator Role of Riboflavin in the UVA Cross-Linking Treatment of Keratoconus. <i>Molecules</i> , 2022, 27, 190.	3.8	2
2	Evaluation of the Accessibility of Molecules in Hydrogels Using a Scale of Spin Probes. <i>Gels</i> , 2022, 8, 428.	4.5	5
3	Subtle influence on alginate gel properties through host-guest interactions between covalently appended cyclodextrin and adamantane units. <i>New Journal of Chemistry</i> , 2021, 45, 8083-8091.	2.8	6
4	Conformational preferences of TEMPO type radicals in complexes with cyclodextrins revealed by a combination of EPR spectroscopy, induced circular dichroism and molecular modeling. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12154-12165.	2.8	4
5	Solvatochromic characteristics of dansyl molecular probes bearing alkyl diamine chains. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 237, 118413.	3.9	8
6	Application of Riboflavin Photochemical Properties in Hydrogel Synthesis. , 2020, , .		3
7	New flexible molecular probes bearing dansyl and TEMPO moieties for host-guest interactions in solution and gels. <i>New Journal of Chemistry</i> , 2019, 43, 11233-11240.	2.8	7
8	Experimental and computational characterization of structural and spectroscopic features of mixed ligand copper complexes-prototypes for square-pyramidal stereochemistry. <i>Polyhedron</i> , 2019, 170, 771-782.	2.2	2
9	Molecular and Supramolecular Interactions in Systems with Nitroxide-Based Radicals. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4733.	4.1	6
10	Formation and Stabilization of Gold Nanoparticles in Bovine Serum Albumin Solution. <i>Molecules</i> , 2019, 24, 3395.	3.8	33
11	Spin probe method of electron paramagnetic resonance spectroscopy - a qualitative test for measuring the evolution of dry eye syndrome under treatment. <i>Analytical Methods</i> , 2019, 11, 965-972.	2.7	11
12	A Comparison of the Behavior of Monomolecular and Dual Molecular Probes in F127/Cyclodextrin Systems. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800489.	2.2	3
13	Thermal behaviour of some biological active perchlorate complexes with a triazolopyrimidine derivative. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 665-677.	3.6	7
14	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.	2.6	7
15	Thermal behaviour of some biologically active species based on complexes with a triazolopyrimidine pharmacophore. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 685-696.	3.6	18
16	Poly(ethylene glycol)/ β -cyclodextrin covalent gel networks: host matrices for studying radical processes in plant extract-riboflavin systems following UV irradiation. <i>Chemical Papers</i> , 2017, 71, 607-616.	2.2	3
17	Complexation of β -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.	2.8	10
18	Spectral, magnetic, thermal and biological studies on Ca(II) and Cu(II) complexes with a novel crowned Schiff base. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1511-1521.	3.6	6

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19	Characterization and Tailoring the Properties of Hydrogels Using Spectroscopic Methods. , 2016, , .		4
20	Covalently grafted TEMPO on graphene oxide: A composite material for selective oxidations of alcohols. Carbon, 2016, 105, 607-614.	10.3	42
21	Exploring porous nanosilica-TEMPO as heterogeneous aerobic oxidation catalyst: the influence of supported gold clusters. Journal of Porous Materials, 2016, 23, 247-254.	2.6	7
22	Interaction between Albumin and Pluronic F127 Block Copolymer Revealed by Global and Local Physicochemical Profiling. Journal of Physical Chemistry B, 2016, 120, 4258-4267.	2.6	23
23	Synthesis of novel TEMPO stable free (poly)radical derivatives and their host-guest interaction with cucurbit[6]uril. New Journal of Chemistry, 2016, 40, 503-511.	2.8	11
24	Antioxidant activity of rosemary extracts in solution and embedded in polymeric systems. Chemical Papers, 2015, 69, .	2.2	6
25	Analysis of bimodal thermally-induced denaturation of type I collagen extracted from calfskin. RSC Advances, 2015, 5, 38391-38406.	3.6	14
26	Ion exchange in alginate gels - dynamic behaviour revealed by electron paramagnetic resonance. Soft Matter, 2015, 11, 8968-8974.	2.7	21
27	Investigations on Carboxy Dibenzyldiene Sorbitol Hydrogels Using EPR Spectroscopy. Applied Magnetic Resonance, 2015, 46, 1395-1407.	1.2	4
28	Synthesis, spectral, thermal, magnetic and biological characterization of Co(II), Ni(II), Cu(II) and Zn(II) complexes with a Schiff base bearing a 1,2,4-triazole pharmacophore. Journal of Thermal Analysis and Calorimetry, 2015, 120, 375-386.	3.6	31
29	The influence of hydroxy propyl β -cyclodextrin on the micellar to gel transition in F127 solutions investigated at macro and nanoscale levels. New Journal of Chemistry, 2014, 38, 2801.	2.8	11
30	Properties of polyethylene glycol/cyclodextrin hydrogels revealed by spin probes and spin labelling methods. Soft Matter, 2014, 10, 1778.	2.7	19
31	Cationic Spin Probe Reporting on Thermal Denaturation and Complexation-Decomplexation of BSA with SDS. Potential Applications in Protein Purification Processes. Journal of Physical Chemistry B, 2014, 118, 11238-11252.	2.6	17
32	Thermal behaviour of some novel antimicrobials based on complexes with a Schiff base bearing 1,2,4-triazole pharmacophore. Journal of Thermal Analysis and Calorimetry, 2014, 118, 1145-1157.	3.6	24
33	Sorption of Metal Ions by Poly(ethylene glycol)/ β -CD Hydrogels Leads to Gel-Embedded Metal Nanoparticles. Langmuir, 2013, 29, 9173-9178.	3.5	25
34	Synthesis and structure of mononuclear Cu(II) complexes containing bis(1-methylimidazol-2-yl)ketone ligands. Inorganica Chimica Acta, 2013, 406, 184-189.	2.4	0
35	EPR and Circular Dichroism Solution Studies on the Interactions of Bovine Serum Albumin with Ionic Surfactants and β -Cyclodextrin. Journal of Physical Chemistry B, 2012, 116, 14245-14253.	2.6	46
36	Modulation of dansyl moiety fluorescence in systems containing cyclodextrins. New Journal of Chemistry, 2012, 36, 2128.	2.8	9

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37	Reversible aggregation between nanoparticles induced by acid–base interactions. <i>Chemical Physics Letters</i> , 2012, 546, 133-135.	2.6	3
38	Evidence of changes in hydrophilic/hydrophobic balance and in chemical activity of HSA induced by thermal treatments. <i>Open Chemistry</i> , 2011, 9, 245-252.	1.9	3
39	N-Alkoxy-3,5-dinitro-4-aminobenzoic acid derivatives with controlled physico-chemical properties. <i>Structural Chemistry</i> , 2010, 21, 1227-1234.	2.0	3
40	New Hydrazyl Derivatives with Multiple Properties. <i>Letters in Organic Chemistry</i> , 2010, 7, 182-185.	0.5	5
41	Exploring polyethylene glycol/cyclodextrin hydrogels with spin probes and EPR spectroscopy. <i>Chemical Communications</i> , 2010, 46, 8255.	4.1	26
42	Mobility of spin probes in viscous cyclodextrin solutions. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 6956.	2.8	11
43	Inclusion complexes of some antipyrine derivatives with cyclodextrins: influence of guest configuration. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 65, 385-390.	1.6	2
44	Studying Supramolecular Assemblies by ESEEM Spectroscopy: Inclusion Complexes of Cyclodextrins. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5781-5787.	2.6	20
45	Inclusion complexes of cyclodextrins with nitroxide-based spin probes in aqueous solutions. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 598-602.	2.8	27
46	The Antioxidative Activity of Riboflavin in the Presence of Antipyrin. <i>Spectroscopic Studies. Journal of Fluorescence</i> , 2008, 18, 953-959.	2.5	14
47	Inclusion complexes of cyclodextrins with biradicals linked by a polyether chain—an EPR study. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 1910-1914.	2.8	29
48	Bis spin-labelled cyclodextrins. <i>New Journal of Chemistry</i> , 2007, 31, 1726.	2.8	18
49	Supramolecular complexes of spin-labelled cyclodextrins. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3505.	2.8	30
50	The Effect of Cyclodextrins on the Luminol-Hydrogen Peroxide Chemiluminescence. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2006, 54, 217-219.	1.6	15
51	Spin-labelled cyclodextrins as hosts for large supramolecular assemblies. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3096.	2.8	38
52	Solvent-Induced Textural Changes of As-Synthesized Mesoporous Alumina, As Reported by Spin Probe Electron Spin Resonance Spectroscopy. <i>Langmuir</i> , 2005, 21, 2591-2597.	3.5	7
53	Oxidation of Natural and Thermal Denatured Bovine Serum Albumin Hydrazyl Free Radicals in the Presence of Cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2004, 50, 183-186.	1.6	3
54	Hydrazyl, Nitronyl-, and imino-nitroxides: Synthesis, properties and reaction with nitric oxide and nitrogen dioxide. <i>Open Chemistry</i> , 2003, 1, 465-476.	1.9	0

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55	Influence of Cyclodextrins on the Kinetics of Oxidation of Amino Acids and BSA by Hydrazyl Radicals. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 269-271.	1.6	13
56	Cyclodextrins as Bricks for Tuning Polymer Properties. , 0, , .		1