Gabriela Ionita

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2029222/publications.pdf

Version: 2024-02-01

56	723	471061	610482
papers	citations	17	24
		h-index	g-index

56	56	56	877
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EPR and Circular Dichroism Solution Studies on the Interactions of Bovine Serum Albumin with Ionic Surfactants and Î²-Cyclodextrin. Journal of Physical Chemistry B, 2012, 116, 14245-14253.	1.2	46
2	Covalently grafted TEMPO on graphene oxide: A composite material for selective oxidations of alcohols. Carbon, 2016, 105, 607-614.	5.4	42
3	Spin-labelled cyclodextrins as hosts for large supramolecular assemblies. Organic and Biomolecular Chemistry, 2005, 3, 3096.	1.5	38
4	Formation and Stabilization of Gold Nanoparticles in Bovine Serum Albumin Solution. Molecules, 2019, 24, 3395.	1.7	33
5	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.	2.0	31
6	Supramolecular complexes of spin-labelled cyclodextrins. Organic and Biomolecular Chemistry, 2006, 4, 3505.	1.5	30
7	Inclusion complexes of cyclodextrins with biradicals linked by a polyether chainâ€”an EPR study. Organic and Biomolecular Chemistry, 2007, 5, 1910-1914.	1.5	29
8	Inclusion complexes of cyclodextrins with nitroxide-based spin probes in aqueous solutions. Organic and Biomolecular Chemistry, 2009, 7, 598-602.	1.5	27
9	Exploring polyethylene glycol/cyclodextrin hydrogels with spin probes and EPR spectroscopy. Chemical Communications, 2010, 46, 8255.	2.2	26
10	Sorption of Metal Ions by Poly(ethylene glycol)/Î²-CD Hydrogels Leads to Gel-Embedded Metal Nanoparticles. Langmuir, 2013, 29, 9173-9178.	1.6	25
11	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.	2.0	24
12	Interaction between Albumin and Pluronic F127 Block Copolymer Revealed by Global and Local Physicochemical Profiling. Journal of Physical Chemistry B, 2016, 120, 4258-4267.	1.2	23
13	Ion exchange in alginate gels â€“ dynamic behaviour revealed by electron paramagnetic resonance. Soft Matter, 2015, 11, 8968-8974.	1.2	21
14	Studying Supramolecular Assemblies by ESEEM Spectroscopy: Inclusion Complexes of Cyclodextrins. Journal of Physical Chemistry B, 2009, 113, 5781-5787.	1.2	20
15	Properties of polyethylene glycol/cyclodextrin hydrogels revealed by spin probes and spin labelling methods. Soft Matter, 2014, 10, 1778.	1.2	19
16	Bis spin-labelled cyclodextrins. New Journal of Chemistry, 2007, 31, 1726.	1.4	18
17	Thermal behaviour of some biologically active species based on complexes with a triazolopyrimidine pharmacophore. Journal of Thermal Analysis and Calorimetry, 2017, 127, 685-696.	2.0	18
18	Cationic Spin Probe Reporting on Thermal Denaturation and Complexationâ€“Decomplexation of BSA with SDS. Potential Applications in Protein Purification Processes. Journal of Physical Chemistry B, 2014, 118, 11238-11252.	1.2	17

#	Article	IF	Citations
19	The Effect of Cyclodextrins on the Luminol-Hydrogen Peroxide Chemiluminescence. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 54, 217-219.	1.6	15
20	The Antioxidative Activity of Riboflavin in the Presence of Antipyrin. Spectroscopic Studies. Journal of Fluorescence, 2008, 18, 953-959.	1.3	14
21	Analysis of bimodal thermally-induced denaturation of type I collagen extracted from calfskin. RSC Advances, 2015, 5, 38391-38406.	1.7	14
22	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
23	Mobility of spin probes in viscous cyclodextrin solutions. Physical Chemistry Chemical Physics, 2010, 12, 6956.	1.3	11
24	The influence of hydroxy propyl Î²-cyclodextrin on the micellar to gel transition in F127 solutions investigated at macro and nanoscale levels. New Journal of Chemistry, 2014, 38, 2801.	1.4	11
25	Synthesis of novel TEMPO stable free (poly)radical derivatives and their hostâ€“guest interaction with cucurbit[6]uril. New Journal of Chemistry, 2016, 40, 503-511.	1.4	11
26	Spin probe method of electron paramagnetic resonance spectroscopy â€“ a qualitative test for measuring the evolution of dry eye syndrome under treatment. Analytical Methods, 2019, 11, 965-972.	1.3	11
27	Complexation of Î²-cyclodextrin with dual molecular probes bearing fluorescent and paramagnetic moieties linked by short polyether chains. Physical Chemistry Chemical Physics, 2017, 19, 27839-27847.	1.3	10
28	Modulation of dansyl moiety fluorescence in systems containing cyclodextrins. New Journal of Chemistry, 2012, 36, 2128.	1.4	9
29	Solvatochromic characteristics of dansyl molecular probes bearing alkyl diamine chains. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 237, 118413.	2.0	8
30	Solvent-Induced Textural Changes of As-Synthesized Mesoporous Alumina, As Reported by Spin Probe Electron Spin Resonance Spectroscopy. Langmuir, 2005, 21, 2591-2597.	1.6	7
31	Exploring porous nanosilica-TEMPO as heterogeneous aerobic oxidation catalyst: the influence of supported gold clusters. Journal of Porous Materials, 2016, 23, 247-254.	1.3	7
32	Thermal behaviour of some biological active perchlorate complexes with a triazolopyrimidine derivative. Journal of Thermal Analysis and Calorimetry, 2018, 134, 665-677.	2.0	7
33	New environment-sensitive bis-dansyl molecular probes bearing alkyl diamine linkers: Emissive features and interaction with cyclodextrins. Chemical Physics Letters, 2018, 713, 226-234.	1.2	7
34	New flexible molecular probes bearing dansyl and TEMPO moieties for hostâ€“guest interactions in solution and gels. New Journal of Chemistry, 2019, 43, 11233-11240.	1.4	7
35	Antioxidant activity of rosemary extracts in solution and embedded in polymeric systems. Chemical Papers, 2015, 69, .	1.0	6
36	Spectral, magnetic, thermal and biological studies on Ca(II) and Cu(II) complexes with a novel crowned Schiff base. Journal of Thermal Analysis and Calorimetry, 2017, 127, 1511-1521.	2.0	6

#	Article	IF	Citations
37	Molecular and Supramolecular Interactions in Systems with Nitroxide-Based Radicals. International Journal of Molecular Sciences, 2019, 20, 4733.	1.8	6
38	Subtle influence on alginate gel properties through hostâ€“guest interactions between covalently appended cyclodextrin and adamantane units. New Journal of Chemistry, 2021, 45, 8083-8091.	1.4	6
39	New Hydrazyl Derivatives with Multiple Properties. Letters in Organic Chemistry, 2010, 7, 182-185.	0.2	5
40	Evaluation of the Accessibility of Molecules in Hydrogels Using a Scale of Spin Probes. Gels, 2022, 8, 428.	2.1	5
41	Investigations on Carboxy Dibenzylidene Sorbitol Hydrogels Using EPR Spectroscopy. Applied Magnetic Resonance, 2015, 46, 1395-1407.	0.6	4
42	Characterization and Tailoring the Properties of Hydrogels Using Spectroscopic Methods. , 2016, , .		4
43	Conformational preferences of TEMPO type radicals in complexes with cyclodextrins revealed by a combination of EPR spectroscopy, induced circular dichroism and molecular modeling. Physical Chemistry Chemical Physics, 2020, 22, 12154-12165.	1.3	4
44	Oxidation of Natural and Thermal Denatured Bovine Serum Albumin Hydrazyl Free Radicals in the Presence of Cyclodextrins. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 183-186.	1.6	3
45	N-Alkoxy-3,5-dinitro-4-aminobenzoic acid derivatives with controlled physico-chemical properties. Structural Chemistry, 2010, 21, 1227-1234.	1.0	3
46	Evidence of changes in hydrophilic/hydrophobic balance and in chemical activity of HSA induced by thermal treatments. Open Chemistry, 2011, 9, 245-252.	1.0	3
47	Reversible aggregation between nanoparticles induced by acidâ€“base interactions. Chemical Physics Letters, 2012, 546, 133-135.	1.2	3
48	Poly(ethylene glycol)/Î²-cyclodextrin covalent gel networks: host matrices for studying radical processes in plant extractâ€“riboflavin systems following UV irradiation. Chemical Papers, 2017, 71, 607-616.	1.0	3
49	A Comparison of the Behavior of Monomolecular and Dual Molecular Probes in F127/Cyclodextrin Systems. Macromolecular Chemistry and Physics, 2019, 220, 1800489.	1.1	3
50	Application of Riboflavin Photochemical Properties in Hydrogel Synthesis. , 2020, , .		3
51	Inclusion complexes of some antipyrine derivatives with cyclodextrins: influence of guest configuration. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 65, 385-390.	1.6	2
52	Experimental and computational characterization of structural and spectroscopic features of mixed ligand copper complexes-prototypes for square-pyramidal stereochemistry. Polyhedron, 2019, 170, 771-782.	1.0	2
53	Model Systems for Evidencing the Mediator Role of Riboflavin in the UVA Cross-Linking Treatment of Keratoconus. Molecules, 2022, 27, 190.	1.7	2
54	Cyclodextrins as Bricks for Tuning Polymer Properties. , 0, , .		1

#	Article	IF	Citations
55	Hydrazyl, Nitronyl-, and imino-nitroxides: Synthesis, properties and reaction with nitric oxide and nitrogen dioxide. Open Chemistry, 2003, 1, 465-476.	1.0	0
56	Synthesis and structure of mononuclear Cu(II) complexes containing bis(1-methylimidazol-2-yl)ketone ligands. Inorganica Chimica Acta, 2013, 406, 184-189.	1.2	0