

Galya I Ivanova

List of Publications by Year in descending order

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64
papers

1,399
citations

257450

24
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361022

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66
all docs

66
docs citations

66
times ranked

2118
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(butylcyanoacrylate) nanoparticles for topical delivery of 5-fluorouracil. International Journal of Pharmaceutics, 2003, 263, 133-140.	5.2	64
2	Poly(amidoamine) dendrimers peripherally modified with 4-ethylamino-1,8-naphthalimide. Synthesis and photophysical properties. Tetrahedron, 2003, 59, 9591-9598.	1.9	61
3	Structural characterization of inclusion complexes between cyanidin-3-O-glucoside and β -cyclodextrin. Carbohydrate Polymers, 2014, 102, 269-277.	10.2	61
4	MSCs Conditioned Media and Umbilical Cord Blood Plasma Metabolomics and Composition. PLoS ONE, 2014, 9, e113769.	2.5	59
5	Poly(amidoamine) dendrimer peripherally modified with 4-N,N-dimethylaminoethyleneamino-1,8-naphthalimide as a sensor of metal cations and protons. Photochemical and Photobiological Sciences, 2004, 3, 1032.	2.9	51
6	Tautomeric Equilibria of 5-Fluorouracil Anionic Species in Water. Journal of Physical Chemistry A, 2010, 114, 13154-13162.	2.5	49
7	A novel fluorescein-based dye containing a catechol chelating unit to sense iron(III). Dyes and Pigments, 2012, 93, 1447-1455.	3.7	49
8	Neuromuscular Regeneration: Perspective on the Application of Mesenchymal Stem Cells and Their Secretion Products. Stem Cells International, 2016, 2016, 1-16.	2.5	48
9	Physicochemical characterization and in vitro behavior of daunorubicin-loaded poly(butylcyanoacrylate) nanoparticles. Acta Biomaterialia, 2009, 5, 2109-2121.	8.3	46
10	Metabolomic studies of human lung carcinoma cell lines using <i>in vitro</i> ^1H NMR of whole cells and cellular extracts. NMR in Biomedicine, 2008, 21, 809-819.	2.8	43
11	Anti-tyrosinase, antioxidant and antimicrobial activities of hydroxycinnamoylamides. Medicinal Chemistry Research, 2013, 22, 4173-4182.	2.4	42
12	Excited state intramolecular proton transfer in 2-acetylindan-1,3-dione. Chemical Physics Letters, 1999, 314, 234-238.	2.6	35
13	Water-soluble temperature-responsive poly(vinyl alcohol-co-vinyl acetal)s. Polymer Bulletin, 2003, 50, 367-372.	3.3	35
14	Synthesis of cinnamoyl and hydroxycinnamoyl amino acid conjugates and evaluation of their antioxidant activity. Journal of Peptide Science, 2006, 12, 369-375.	1.4	35
15	Selective sensors for Zn^{2+} cations based on new green fluorescent poly(amidoamine) dendrimers peripherally modified with 1,8-naphthalimides. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 591-597.	3.9	35
16	Rhodamine labeling of 3-hydroxy-4-pyridinone iron chelators is an important contribution to target Mycobacterium avium infection. Journal of Inorganic Biochemistry, 2013, 121, 156-166.	3.5	32
17	Photophysical and photochemical properties of some 3-bromo-4-alkylamino-N-alkyl-1,8-naphthalimides. Dyes and Pigments, 2003, 58, 65-71.	3.7	31
18	Does tautomeric equilibrium exist in ortho-nitrosonephthols?. Chemical Physics, 2001, 264, 235-244.	1.9	30

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19	Spectral properties of new N,N'-bis-alkyl-1,4,6,8-naphthalenediimide complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 435-441.	3.9	30
20	NMR structural analysis of epigallocatechin gallate loaded polysaccharide nanoparticles. <i>Carbohydrate Polymers</i> , 2010, 82, 861-866.	10.2	30
21	Structural characterization of functionalized gold nanoparticles for drug delivery in cancer therapy: a NMR based approach. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18971-18979.	2.8	30
22	Anthelmintic, Antibacterial and Cytotoxicity Activity of Imidazole Alkaloids from <i>Pilocarpus microphyllus</i> Leaves. <i>Phytotherapy Research</i> , 2017, 31, 624-630.	5.8	30
23	Mesenchymal Stem/ Stromal Cells metabolomic and bioactive factors profiles: A comparative analysis on the umbilical cord and dental pulp derived Stem/ Stromal Cells secretome. <i>PLoS ONE</i> , 2019, 14, e0221378.	2.5	27
24	Artificial Neural Networks for Classification in Metabolomic Studies of Whole Cells Using ¹ H Nuclear Magnetic Resonance. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-8.	3.0	26
25	Influence of feeding strategies of mixed microbial cultures on the chemical composition and microstructure of copolyesters P(3HB-co-εHV) analyzed by NMR and statistical analysis. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 497-504.	1.9	25
26	Alternative NMR method for quantitative determination of acyl positional distribution in triacylglycerols and related compounds. <i>Chemistry and Physics of Lipids</i> , 2003, 126, 167-176.	3.2	24
27	Synthesis and Photophysical Investigations of Novel Polymerizable Blue Emitting Fluorophores - Combination of a Hindered Amine with a Benzo[de]isoquinoline-1,3-dione. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 1259-1268.	2.2	23
28	Interaction of 5-Fluorouracil Loaded Nanoparticles with 1,2-Dimyristoyl-sn-glycero-3-phosphocholine Liposomes Used as a Cellular Membrane Model. <i>Journal of Physical Chemistry B</i> , 2012, 116, 667-675.	2.6	23
29	Tautomeric and conformational equilibrium of acenaphthenequinonemonooxime. <i>Journal of Molecular Structure</i> , 1999, 508, 149-161.	3.6	20
30	Copolymers of aniline and o-methoxyaniline: Synthesis and characterization. <i>Journal of Applied Polymer Science</i> , 2006, 99, 75-81.	2.6	19
31	Study on the Role of 5-fluorouracil in the Polymerization of Butylcyanoacrylate during the Formation of Nanoparticles. <i>Journal of Drug Targeting</i> , 2004, 12, 49-56.	4.4	18
32	NMR Insight into the Supramolecular Structure of Daunorubicin Loaded Polymer Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2011, 115, 902-909.	2.6	18
33	Chitosan conjugates for DNA delivery. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 11893.	2.8	16
34	Ab initio quantum chemical and NMR study of the symmetric monooximes of 1,2,3-phenalenetrione and 1,2,3-indantrione. <i>Journal of Molecular Structure</i> , 1998, 440, 227-235.	3.6	15
35	Quantum chemical and spectroscopic study of the structure of 2-acetylindan-1,3-dione complexes with metal(II) ions. <i>Journal of Molecular Structure</i> , 2001, 595, 67-76.	3.6	15
36	Tautomeric and conformational equilibrium of 2-nitrosophenol and 9,10-phenanthrenequinonemonooxime: ab initio and NMR study. <i>Computational and Theoretical Chemistry</i> , 2003, 640, 149-162.	1.5	15

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37	Fast intramolecular proton transfer in 2-(hydroxyaminomethylidene)-indan-1,3-dione. Computational and Theoretical Chemistry, 2005, 719, 169-175.	1.5	15
38	Synthesis and Characterization of New Galanthamine Derivatives Comprising Peptide Moiety. Protein and Peptide Letters, 2009, 16, 1024-1028.	0.9	14
39	High-pressure NMR characterization of triacetyl- β -cyclodextrin in supercritical carbon dioxide. Magnetic Resonance in Chemistry, 2009, 47, 133-141.	1.9	12
40	N-Hydroxycinnamoyl amides of fluorinated amino acids: Synthesis, anti-tyrosinase and DPPH scavenging activities. Journal of Fluorine Chemistry, 2013, 156, 203-208.	1.7	11
41	Relevant Interactions of Antimicrobial Iron Chelators and Membrane Models Revealed by Nuclear Magnetic Resonance and Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2014, 118, 14590-14601.	2.6	11
42	Reaction of 2-acetyl-indane-1,3-dione with aniline - Schiff base or enamine?. Journal of Molecular Structure, 2003, 654, 11-20.	3.6	10
43	NMR study of the supramolecular structure of dual drug-loaded poly(butylcyanoacrylate) nanoparticles. Physical Chemistry Chemical Physics, 2013, 15, 16657.	2.8	10
44	Proton and Carbon Chemical Shift Assignment and Solution-State Conformation of the Macrocyclic Ring in the Macrolide Antibiotic Tylosin in Aprotic Solvents. , 1996, 34, 255-260.		9
45	Theoretical and Spectroscopic Study of 2-Substituted Indan-1,3-diones: A Coherent Picture of the Tautomeric Equilibrium. Journal of Physical Chemistry A, 2007, 111, 9901-9913.	2.5	9
46	Structures of the chain metaphosphates $\text{NaM}(\text{PO}_3)_3$ (M = Ca or Sr). Magnetic Resonance in Chemistry, 2008, 46, 316-322.	1.9	9
47	Influence of pH on the cis-trans isomerization of Valine-Proline dipeptide: An integrated NMR and theoretical investigation. Journal of Molecular Structure, 2010, 975, 330-334.	3.6	9
48	Tacticity of poly(butyl-cyanoacrylate) chains in nanoparticles: NMR spectroscopy and DFT calculations. Structural Chemistry, 2012, 23, 815-824.	2.0	9
49	NMR study of the interaction of fluorescent 3-hydroxy-4-pyridinone chelators with DMPC liposomes. Physical Chemistry Chemical Physics, 2016, 18, 5027-5033.	2.8	9
50	Structure of the symmetric monooxime of 1,2,3-indantrione in gas, solution and solid states. Journal of Molecular Structure, 2002, 608, 193-200.	3.6	8
51	Copolymers of aniline and o-methoxyaniline: Synthesis and characterization. Journal of Applied Polymer Science, 2005, 98, 1822-1828.	2.6	8
52	Carbohydrate particles as protein carriers and scaffolds: physico-chemical characterization and collagen stability. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	8
53	Antimicrobial and Radical Scavenging Activities of N-Hydroxycinnamoyl - L-Cysteine and - L-Proline Ethyl Esters. Natural Products Journal, 2012, 2, 50-54.	0.3	8
54	Structure-Activity Relationships of N-Cinnamoyl and Hydroxycinnamoyl Amides on α -Glucosidase Inhibition. Journal of Chemistry, 2017, 2017, 1-5.	1.9	5

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55	Stereochemical Studies of 1,2-Di(thio)acetamidocyclohexanes and their N,N'-Dimethyl Derivatives by NMR and CD Spectroscopy and by Molecular Mechanics Calculations.. Acta Chemica Scandinavica, 1996, 50, 938-951.	0.7	5
56	Synthesis and β -lactamase inhibitory activity of new β -cysteinesulfonamidopenicillanic acids. Bioorganic and Medicinal Chemistry, 1999, 7, 2899-2904.	3.0	3
57	¹³ C NMR and mass spectrometry of soil organic matter. Open Chemistry, 2003, 1, 10-27.	1.9	2
58	Synthesis and biological activity of hydroxycinnamoyl containing antiviral drugs. Journal of the Serbian Chemical Society, 2014, 79, 517-526.	0.8	2
59	Ultrasound-assisted green bromination of N-cinnamoyl amino acid amides – Structural characterization and antimicrobial evaluation. Journal of Molecular Structure, 2017, 1135, 144-152.	3.6	2
60	Poly(aminoamine) Dendrimers Peripherally Modified with 4-Ethylamino-1,8-naphthalimide. Synthesis and Photophysical Properties.. ChemInform, 2004, 35, no.	0.0	0
61	Title is missing!. , 2019, 14, e0221378.		0
62	Title is missing!. , 2019, 14, e0221378.		0
63	Title is missing!. , 2019, 14, e0221378.		0
64	Title is missing!. , 2019, 14, e0221378.		0