

Svetlana D Simova

List of Publications by Year in descending order

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233421

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94
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94
docs citations

94
times ranked

2854
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#	ARTICLE	IF	CITATIONS
1	Host-guest chemistry. 14. Solvent and salt effects on binding constants of organic substrates in macrocyclic host compounds. A general equation measuring hydrophobic binding contributions. <i>Journal of the American Chemical Society</i> , 1988, 110, 6442-6448.	13.7	251
2	Water Structure Recovery in Chaotropic Anion Recognition: High Affinity Binding of Dodecaborate Clusters to β -Cyclodextrin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6852-6856.	13.8	214
3	Bioactive Constituents of Brazilian Red Propolis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2006, 3, 249-254.	1.2	173
4	Antibacterial Diterpenic Acids from Brazilian Propolis. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1996, 51, 277-280.	1.4	118
5	Host guest chemistry. 26. NMR and fluorescence studies of cyclodextrin complexes with guest molecules containing both phenyl and naphthyl units. <i>Journal of the American Chemical Society</i> , 1991, 113, 1996-2000.	13.7	103
6	Conformational, calorimetric and NMR spectroscopic studies on inclusion complexes of cyclodextrins with substituted phenyl and adamantane derivatives. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 2119-2123.	0.9	70
7	Solvent and Structural Effects on Hydrogen Bonds in Some Amides and Barbiturates. An Additive Scheme for the Stability of Corresponding Host-Guest Complexes. <i>Chemische Berichte</i> , 1989, 122, 1211-1213.	0.2	60
8	P.E.HSQC: A simple experiment for simultaneous and sign-sensitive measurement of (1JCH+DCH) and (2JHH+DHH) couplings. <i>Journal of Magnetic Resonance</i> , 2007, 186, 193-200.	2.1	57
9	Cerium(III) chloride as catalytic and stoichiometric promoter of the quantitative addition of organometallic reagents to (+)-camphor and (-)-fenchone. <i>Tetrahedron Letters</i> , 1994, 35, 6713-6716.	1.4	56
10	High-Voltage $\text{LiNi}_{1/2}\text{Mn}_{3/2}\text{O}_4$ Spinel: Cationic Order and Particle Size Distribution. <i>Journal of Physical Chemistry C</i> , 2011, 115, 25170-25182.	3.1	55
11	Proton Chemical-Shift Spectra. <i>Journal of Magnetic Resonance</i> , 1997, 124, 104-121.	2.1	54
12	A Preliminary Study of Chemical Profiles of Honey, Cerumen, and Propolis of the African Stingless Bee <i>Meliponula ferruginea</i> . <i>Foods</i> , 2021, 10, 997.	4.3	49
13	Application of HSQC to the measurement of homonuclear coupling constants, J(H,H). <i>Magnetic Resonance in Chemistry</i> , 1998, 36, 505-510.	1.9	44
14	A rapid differentiation between oak honeydew honey and nectar and other honeydew honeys by NMR spectroscopy. <i>Food Chemistry</i> , 2012, 134, 1706-1710.	8.2	44
15	Precursor-based methods for low-temperature synthesis of defectless NaMnPO_4 with an olivine- and maricite-type structure. <i>CrystEngComm</i> , 2013, 15, 9080.	2.6	44
16	Arenium ions are not obligatory intermediates in electrophilic aromatic substitution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10067-10072.	7.1	38
17	In vivo spectroscopy and NMR metabolite fingerprinting approaches to connect the dynamics of photosynthetic and metabolic phenotypes in resurrection plant <i>Haberlea rhodopensis</i> during desiccation and recovery. <i>Frontiers in Plant Science</i> , 2015, 6, 564.	3.6	37
18	Metabolic differentiations of dwarf elder by NMR-based metabolomics. <i>Phytochemistry Letters</i> , 2015, 11, 404-409.	1.2	36

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19	Large binding constant differences between aromatic and aliphatic substrates in positively charged cavities indicative of higher order electric effects. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 580.	2.0	34
20	Diffusion Measurements vs. Chemical Shift Titration for Determination of Association Constants on the Example of Camphorâ€“Cyclodextrin Complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005, 53, 163-170.	1.6	34
21	Highly effective and practical stereoselective synthesis of new homoallylic alcohols with (+)-camphor and ($\hat{\alpha}$)-fenchone skeleton. <i>Tetrahedron</i> , 1996, 52, 1699-1706.	1.9	33
22	Synthesis of new enantiopure aminodiols and their use as ligands for the addition of diethylzinc to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1381-1391.	1.8	31
23	The complexation of peptides by aminocyclodextrins. <i>Journal of Physical Organic Chemistry</i> , 2001, 14, 159-170.	1.9	27
24	High-Frequency Electron Paramagnetic Resonance Analysis of the Oxidation State and Local Structure of Ni and Mn Ions in Ni,Mn-Codoped LiCoO ₂ . <i>Inorganic Chemistry</i> , 2010, 49, 1932-1941.	4.0	27
25	Combined use of EPR and ²³ Na MAS NMR spectroscopy for assessing the properties of the mixed cobaltâ€“nickelâ€“manganese layers of P3-Na _y Co _{1-2x} Ni _x Mn _x O ₂ . <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 27065-27073.	2.8	27
26	NMR analyses of cyclodextrin complexes with substituted benzoic acids and benzoate anions. <i>Perkin Transactions II RSC</i> , 2000, , 1717-1722.	1.1	26
27	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
28	First solid state alkaline-earth complexes of monensic acid A (MonH): crystal structure of [M(Mon) ₂ (H ₂ O) ₂] (M=Ca, Mg), spectral properties and cytotoxicity against aerobic Gram-positive bacteria. <i>BioMetals</i> , 2010, 23, 59-70.	4.1	24
29	Flavonoid glycosides profiling in dwarf elder fruits (<i>Sambucus ebulus</i> L.) and evaluation of their antioxidant and anti-herpes simplex activities. <i>Industrial Crops and Products</i> , 2015, 63, 58-64.	5.2	23
30	Correlations between lithium local structure and electrochemistry of layered LiCo _{1-2x} Ni _x Mn _x O ₂ oxides: ⁷ Li MAS NMR and EPR studies. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2499-2507.	2.8	21
31	Styryl dyes containing an aza-15-crown-5 macroheterocycle moiety. <i>Dyes and Pigments</i> , 1992, 20, 271-278.	3.7	20
32	Intramolecular diels-alder reaction of aryl allene phosphonates. <i>Tetrahedron Letters</i> , 1987, 28, 3391-3392.	1.4	18
33	Nickel(II) and zinc(II) dimonensinates: Single crystal X-ray structure, spectral properties and bactericidal activity. <i>Inorganica Chimica Acta</i> , 2010, 363, 1879-1886.	2.4	18
34	Diastereoselectivity in addition of nitrile-stabilized carbanions to Schiff bases and in subsequent alkylation reactions. <i>Tetrahedron</i> , 2005, 61, 5855-5865.	1.9	16
35	NMR Profiling of North Macedonian and Bulgarian Honeys for Detection of Botanical and Geographical Origin. <i>Molecules</i> , 2020, 25, 4687.	3.8	16
36	Configuration verification via RDCs on the example of a tetraâ€“substituted pyrrolidine ring. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, S92-101.	1.9	15

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37	NMR analysis of weak molecular interactions using slice-selective experiments via study of concentration gradients in agar gels. <i>Chemical Communications</i> , 2016, 52, 5418-5420.	4.1	15
38	Influence of the Z/E configuration on the ^{13}C - ^{15}N coupling conditions ($^{13}\text{C}/^{15}\text{N}$) in aromatic azo and diazo compounds. <i>Magnetic Resonance in Chemistry</i> , 1983, 21, 163-167.	0.7	14
39	Cerium(III) chloride mediated addition of mono- and dilithium ferrocene to (+)-camphor and (α^*)-fenchone: synthesis and structure of new chiral ferrocenyl alcohols and diols. <i>Journal of Organometallic Chemistry</i> , 1996, 525, 213-224.	1.8	14
40	Synthesis and spectroscopic properties of new Schiff bases containing the N-phenylaza-15-crown-5 moiety. <i>Dyes and Pigments</i> , 2001, 50, 157-162.	3.7	14
41	Synthesis and Photophysical Properties of Some Rigidized Hepta- and Nonamethine Mono- and Bis(merocyanines): Ring-Opening of Quaternized 2-Methylbenzothiazole. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3102-3114.	2.4	14
42	Cd(II) and Pb(II) complexes of the polyether ionophorous antibiotic salinomycin. <i>Chemistry Central Journal</i> , 2011, 5, 52.	2.6	14
43	An ^1H NMR- and MS-Based Study of Metabolites Profiling of Garden Snail <i>Helix aspersa</i> Mucus. <i>Metabolites</i> , 2020, 10, 360.	2.9	14
44	Synthesis and absolute configuration of new chiral epoxyalcohols by stereoselective epoxidation of allylic and homoallylic alcohols with a (1R)-(+)-camphor skeleton. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1493-1500.	1.8	13
45	Genetic transformation of rare <i>Verbascum eriophorum</i> Godr. plants and metabolic alterations revealed by NMR-based metabolomics. <i>Biotechnology Letters</i> , 2016, 38, 1621-1629.	2.2	13
46	Convenient Synthesis of Some Substituted 5-oxonitriles under Aqueous Conditions: Synthesis of 3,4-dihydro-2H-pyrrole-2-carbonitriles. <i>Synthetic Communications</i> , 2007, 37, 3971-3979.	2.1	12
47	Rofficerone: A New Triterpenoid from <i>Rosmarinus officinalis</i> . <i>Planta Medica</i> , 1993, 59, 276-277.	1.3	11
48	Preparation of Chiral Hydroxy Carbonyl Compounds and Diols by Ozonolysis of Olefinic Isoborneol and Fenchol Derivatives: Characterization of Stable Ozonides by ^1H -, ^{13}C -, and ^{17}O -NMR and Electrospray Ionization Mass Spectrometry. <i>Helvetica Chimica Acta</i> , 1999, 82, 1385-1399.	1.6	11
49	Crystal structures and spectral properties of new Cd(II) and Hg(II) complexes of monensic acid with different coordination modes of the ligand. <i>Open Chemistry</i> , 2010, 8, 852-860.	1.9	11
50	New iridoids from <i>Verbascum nobile</i> and their effect on lectin-induced T cell activation and proliferation. <i>Food and Chemical Toxicology</i> , 2018, 111, 605-615.	3.6	11
51	Synthesis and spectral properties of a new benzothiazolic chromofluoroionophore containing the aza-15-crown-5 macrocyclic moiety. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1994, 17, 81-91.	1.6	10
52	Synthesis and absolute configuration of planar chiral ferrocenophanes by amide-directed ortho-lithiation. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2119-2122.	1.8	10
53	Biotechnologically-Produced Myconoside and Calceolarioside E Induce Nrf2 Expression in Neutrophils. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1759.	4.1	10
54	Computer-assisted structure generation from a gross formula. 6. Reducing the structural redundancy by the employment of 2D NMR spectral information. <i>Journal of Chemical Information and Computer Sciences</i> , 1994, 34, 546-557.	2.8	9

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55	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
56	New tetraacetylated iridoid glycosides from Sambucus ebulus L. leaves. Phytochemistry Letters, 2017, 20, 429-432.	1.2	9
57	Synthesis and crystal structures of chiral ferrocene and ruthenocene substituted aminomethylnaphthols obtained through Betti-condensation. Polyhedron, 2019, 165, 177-187.	2.2	9
58	¹ H and ¹³ C NMR studies of some germacrones and isogermacrones. Magnetic Resonance in Chemistry, 1984, 22, 431-433.	0.7	8
59	Condensed Purines, I Synthesis of 6,7-dihydro-1,3-dimethylpyrimido[2,1-f<i>h</i>]purine-2,4,8(1<i>H</i>,3<i>H</i>,9<i>H</i>)-triones. Liebigs Annalen Der Chemie, 1989, 1989, 1251-1254.	1.8	8
60	(α^*)-Fenchone derived epoxy alcohols' preparation and configuration. Tetrahedron: Asymmetry, 1999, 10, 913-921.	1.8	8
61	Conformational behaviour of 3-methyl-4-(4-methylbenzoyl)-1-phenyl-pyrazol-5-one: a sudden story of three desmotropes. RSC Advances, 2015, 5, 73859-73867.	3.6	8
62	Conformational analysis of 3-arylpropanoic acids and their methyl esters by ¹ H nuclear magnetic resonance spectroscopy. Journal of the Chemical Society Perkin Transactions II, 1978, , 1113.	0.9	7
63	Preparation of pyrido[3,4-f<i>h</i>]-1,4-oxazepines O- ¹⁵ N smiles rearrangement in 4-substituted 3-benzoylpyridines. Liebigs Annalen Der Chemie, 1988, 1988, 231-234.	0.8	7
64	Copper(II) complexes of a new cinnamyl derivative of the antibiotic rifampicin. Journal of Inorganic Biochemistry, 1997, 65, 175-182.	3.5	7
65	1D TOCSY with DANTE-Z-Type Selective Inversion. Journal of Magnetic Resonance Series A, 1995, 117, 292-294.	1.6	6
66	A Simple Synthesis of Dimethylphosphinyl-Substituted Tetrahydropyrroles. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1721-1728.	1.6	6
67	Structural characterization of polysaccharides from Geranium sanguineum L. and their immunomodulatory effects in response to inflammatory agents. Journal of Ethnopharmacology, 2022, 294, 115390.	4.1	6
68	Triazene Derivatives of Cytisine. Archiv Der Pharmazie, 1985, 318, 669-671.	4.1	5
69	Protective Effect of Humic Acids Against Heavy Metal Stress in Triticale. Comptes Rendus De L'Academie Bulgare Des Sciences, 2013, 66, .	0.2	5
70	Biological Activity and NMR-Fingerprinting of Balkan Endemic Species Stachys thracica Davidov. Metabolites, 2022, 12, 251.	2.9	5
71	Intramolecular cyclisation of α,β -epoxy-artemisia ketone. Tetrahedron, 1984, 40, 2435-2440.	1.9	4
72	A convenient method for determination of the decoupler radiofrequency field strength. Journal of Magnetic Resonance, 1985, 63, 583-586.	0.5	4

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73	1H and 13C NMR study of the conformations of the atropisomers of some 1-(11-naphthyl)-2,4-dioxo-(or) Tj ETQq1 1 0.784314 rgBT / Ov	3.6	4
74	3-Phenylpyrazolo(4,3-c)pyridine and derivatives: structure determination. Journal of Molecular Structure, 1987, 158, 99-108.	3.6	3
75	Determination of the diastereoisomeric purity of d,l- and meso-HM-PAO by 13C-NMR spectroscopy. European Journal of Medicinal Chemistry, 2003, 38, 219-222.	5.5	3
76	NMR studies of the products of hydrolysis of 3-ethyl-2-methylbenzo[d]azol-3-ium iodides. Dyes and Pigments, 2009, 82, 360-364.	3.7	3
77	Metabolic profiling of Antarctic yeasts by proton nuclear magnetic resonance-based spectroscopy. Biotechnology and Biotechnological Equipment, 2019, 33, 12-19.	1.3	3
78	Immunomodulating polysaccharide complexes and antioxidant metabolites from Anabaena laxa, Oscillatoria limosa and Phormidesmis molle. Algal Research, 2021, 60, 102538.	4.6	3
79	STEREOCHEMISTRY OF THE ADDITION OF METALLATED SULFONAMIDES TO SUBSTITUTED CYCLOHEXANONES. Phosphorus, Sulfur and Silicon and the Related Elements, 1995, 104, 123-133.	1.6	2
80	Phase-transfer Catalysed Reactions of Mono- and disubstituted N-(benzylidene)-benzylamines with cinnamic acid derivatives. Journal of Chemical Research, 2000, 2000, 103-105.	1.3	2
81	Polyamines and amino acids in triticale plants grown on humic acids enriched nutrient solution and treated with UV-B irradiation. Theoretical and Experimental Plant Physiology, 2018, 30, 153-163.	2.4	2
82	Veronica austriaca L. Extract and Arbutin Expand Mature Double TNF- α /IFN- γ Neutrophils in Murine Bone Marrow Pool. Molecules, 2020, 25, 3410.	3.8	2
83	In Vitro Multiplication and NMR Fingerprinting of Rare Veronica caucasica M. Bieb. Molecules, 2021, 26, 5888.	3.8	2
84	Mononuclear copper(II) complexes of the macrolide antibiotics tylosin and tilmicosin. Transition Metal Chemistry, 2022, 47, 67-76.	1.4	2
85	Dinuclear vs. Mononuclear Copper(II) Coordination Species of Tylosin and Tilmicosin in Non-Aqueous Solutions. Molecules, 2022, 27, 3899.	3.8	2
86	13C NMR studies on 1,7-dimethyl-4-isopropylidene-tricyclo[5.3.0.0 ^{2,6}]decan-3-ones(germarones) and germazone. Journal of Molecular Structure, 1985, 127, 115-119.	3.6	1
87	Preparation and stereochemical characterization of some N-acyl-[1]benzopyrano[3,4-c]pyrazole derivatives from rotenoids. Monatshefte für Chemie, 1989, 120, 1107-1112.	1.8	1
88	Synthesis and Antibacterial Activity of 7 ¹² -[3-(Un)substituted-2-aminopropionamido]-3-vinylcephalosporins and Related Compounds. Archiv Der Pharmazie, 1995, 328, 551-555.	4.1	1
89	Synthesis and Stereochemistry of 1,2,4,5-tetraarylimidazolidines. Journal of Chemical Research, 2001, 2001, 457-459.	1.3	1
90	Alkaline-earth metal(II) complexes of "salinomycin" spectral properties and "antibacterial activity. ChemistrySelect, 2022, .	1.5	1