

# Danica Sabolova

## List of Publications by Year in descending order

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38  
papers

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citations

471061

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docs citations

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times ranked

933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytotoxic 3,6-bis((imidazolidinone)imino)acridines: Synthesis, DNA binding and molecular modeling. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1790-1801.	1.4	82
2	Cytotoxic activity of proflavine diureas: Synthesis, antitumor, evaluation and DNA binding properties of 1- $\epsilon$ ,1- $\epsilon^3$ -(acridin-3,6-diyl)-3- $\epsilon^2$ ,3- $\epsilon^3$ -dialkyldiureas. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 3976-3984. <sup>1,4</sup>	1.4	58
3	Low-dimensional compounds containing bioactive ligands. Part VI: Synthesis, structures, in vitro DNA binding, antimicrobial and anticancer properties of first row transition metal complexes with 5-chloro-quinolin-8-ol. <i>Journal of Inorganic Biochemistry</i> , 2016, 154, 67-77.	1.5	49
4	Interaction of a copper(II)-Schiff base complexes with calf thymus DNA and their antimicrobial activity. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 319-325.	3.6	47
5	DNA binding properties and evaluation of cytotoxic activity of 9,10-bis-N-substituted (aminomethyl)anthracenes. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 415-422.	3.6	43
6	New silver complexes with bioactive glycine and nicotinamide molecules - Characterization, DNA binding, antimicrobial and anticancer evaluation. <i>Journal of Inorganic Biochemistry</i> , 2017, 168, 1-12.	1.5	40
7	Synthesis, DNA Interaction, and Cytotoxic Activity of a Novel Proflavine-Dithiazolidinone Pharmacophore. <i>Bioconjugate Chemistry</i> , 2007, 18, 93-100.	1.8	30
8	Synthesis, characterization, DNA binding, topoisomerase I inhibition and antimicrobial activity of four novel zinc(II) fenamates. <i>Polyhedron</i> , 2018, 141, 230-238.	1.0	28
9	Low-dimensional compounds containing bioactive ligands. V: Synthesis and characterization of novel anticancer Pd(II) ionic compounds with quinolin-8-ol halogen derivatives. <i>Journal of Inorganic Biochemistry</i> , 2014, 131, 37-46.	1.5	25
10	DNA binding acridine-thiazolidinone agents affecting intracellular glutathione. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 7139-7148.	1.4	22
11	Determination of the binding affinities of plasmid DNA using fluorescent intercalators possessing an acridine skeleton. <i>International Journal of Biological Macromolecules</i> , 2006, 38, 94-98.	3.6	21
12	Silver pyridine-2-sulfonate complex - its characterization, DNA binding, topoisomerase I inhibition, antimicrobial and anticancer response. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 206-216.	1.5	21
13	A new look at 9-substituted acridines with various biological activities. <i>Journal of Applied Toxicology</i> , 2021, 41, 175-189.	1.4	21
14	Novel trisubstituted acridines as human telomeric quadruplex binding ligands. <i>Bioorganic Chemistry</i> , 2014, 57, 13-29.	2.0	20
15	A review on acridinylthioureas and its derivatives: biological and cytotoxic activity. <i>Journal of Applied Toxicology</i> , 2017, 37, 1132-1139.	1.4	20
16	Low-dimensional compounds containing bioactive ligands. Part VIII: DNA interaction, antimicrobial and antitumor activities of ionic 5,7-dihalo-8-quinolinolato palladium(II) complexes with K <sup>+</sup> and Cs <sup>+</sup> cations. <i>Journal of Inorganic Biochemistry</i> , 2017, 167, 80-88.	1.5	20
17	Cytotoxic activity of acridin-3,6-diyl dithiourea hydrochlorides in human leukemia line HL-60 and resistant subline HL-60/ADR. <i>International Journal of Biological Macromolecules</i> , 2009, 45, 174-180.	3.6	18
18	Ag(I) and Zn(II) isonicotinate complexes: design, characterization, antimicrobial effect, and CT-DNA binding studies. <i>Journal of Coordination Chemistry</i> , 2015, 68, 4423-4443.	0.8	17

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19	Fluorescence Reagents for Labelling of Biomolecules. Part I. Synthesis and Spectral Characterization of 2- and 4-Substituted 9-Isothiocyanatoacridines. Collection of Czechoslovak Chemical Communications, 1994, 59, 203-212.	1.0	16
20	Proflavine/acriflavine derivatives with versatile biological activities. Journal of Applied Toxicology, 2020, 40, 64-71.	1.4	16
21	Multifunctional properties of novel tacrine congeners: cholinesterase inhibition and cytotoxic activity. Journal of Applied Toxicology, 2018, 38, 1377-1387.	1.4	11
22	An <i>in vitro</i> selective inhibitory effect of silver(I) aminoacidates against bacteria and intestinal cell lines and elucidation of the mechanism of action by means of DNA binding properties, DNA cleavage and cell cycle arrest. Dalton Transactions, 2021, 50, 936-953.	1.6	11
23	Synthesis and Properties of Novel Biologically Interesting Polycyclic 1,3,4-Oxadiazoles Containing Acridine/Acridone Moieties. Heterocycles, 2009, 77, 1019.	0.4	10
24	Low-dimensional compounds containing bioactive ligands. Part IX: Synthesis, structures, spectra, <i>in vitro</i> antimicrobial and anti-tumor activities and DNA binding of Pd(II) complexes with 7-bromo-quinolin-8-ol. Polyhedron, 2017, 135, 195-205.	1.0	10
25	Novel 1-methoxyindole- and 2-alkoxyindole-based chalcones: design, synthesis, characterization, antiproliferative activity and DNA, BSA binding interactions. Medicinal Chemistry Research, 2021, 30, 897-912.	1.1	10
26	Spectroscopic, structural and theoretical studies of novel, potentially cytotoxic 4-acridonecarboxamide imines. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 73, 238-248.	2.0	9
27	New spiroacridine derivatives with DNA-binding and topoisomerase I inhibition activity. Tetrahedron Letters, 2016, 57, 5592-5595.	0.7	9
28	Unexpected regiospecific formation and DNA binding of new 3-(acridin-9-yl)methyl-2-iminothiazolidin-4-ones. Journal of Chemical Sciences, 2016, 128, 269-277.	0.7	9
29	Discovery of novel acridine-chalcone hybrids with potent DNA binding and antiproliferative activity against MDA-MB-231 and MCF-7 cells. Medicinal Chemistry Research, 2022, 31, 1323-1338.	1.1	7
30	Novel Carbohydrazone and Hydrazone Biomarkers Based on 9-Substituted Acridine and Anthracene Fluorogens. Heterocycles, 2010, 80, 1047.	0.4	6
31	<i>In vitro</i> biological evaluation and consideration about structure-activity relationship of silver(I) aminoacidate complexes. Journal of Inorganic Biochemistry, 2020, 210, 111170.	1.5	6
32	Antimicrobial and Anticancer Application of Silver(I) Dipeptide Complexes. Molecules, 2021, 26, 6335.	1.7	6
33	Fluorescence Reagents for Labelling of Biomolecules. Part III. Study of the Reactions of 2- and 4-Substituted 9-Isothiocyanatoacridines with Glycine. Collection of Czechoslovak Chemical Communications, 1994, 59, 1682-1690.	1.0	5
34	Low-dimensional compounds containing bioactive ligands. Part XVII: Synthesis, structural, spectral and biological properties of hybrid organic-inorganic complexes based on [PdCl <sub>4</sub> ] <sup>2-</sup> with derivatives of 8-hydroxyquinolinium. Journal of Inorganic Biochemistry, 2022, 228, 111697.	1.5	4
35	Tetracoordinate cobalt(II) complexes with neocuproine: single-molecule magnets with potential biological activity. Chemical Papers, 2018, 72, 877-882.	1.0	3
36	<sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> N NMR of spiro acridines integrated with pyrrole scaffolds. Magnetic Resonance in Chemistry, 2020, 58, 204-214.	1.1	3

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37	Spectroscopic Studies of the Bis-3,6-Alkylamidoacridines as Potential Topoisomerase I Inhibitors. <i>Biochemistry &amp; Physiology</i> , 2013, 02, .	0.2	1
38	INVOLVEMENT OF GLUTATHIONE IN THE CYTOTOXICITY OF 9-ISOTHIOCYANATOACRIDINE. <i>Biomedical Papers of the Medical Faculty of the University Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2005, 149, 413-417.	0.2	0