Biserka Å½iniÄ

List of Publications by Year
in descending order

34	260	1040056 9	1058476 14
papers	citations	h-index	g-index

37	37	37	270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atypical cytostatic mechanism of N-1-sulfonylcytosine derivatives determined by in vitro screening and computational analysis. Investigational New Drugs, 2008, 26, 97-110.	2.6	23
2	5â€Triazolyluracils and Their N¹â€Sulfonyl Derivatives: Intriguing Reactivity Differences in the Sulfonation of Triazole N^{1â€²}â€Substituted and N^{1â€²}â€Unsubstituted Uracil Molecules. European Journal of Organic Chemistry, 2015, 2015, 7695-7704.	2.4	20
3	Synthesis, structure, and biological evaluation of C-2 sulfonamido pyrimidine nucleosides. Tetrahedron, 2003, 59, 4047-4057.	1.9	17
4	Antitumor activity of novel N-sulfonylpyrimidine derivatives on the growth of anaplastic mammary carcinoma in vivo. Journal of Cancer Research and Clinical Oncology, 2005, 131, 829-836.	2.5	16
5	In vivo toxicity study of N-1-sulfonylcytosine derivatives and their mechanisms of action in cervical carcinoma cell line. Investigational New Drugs, 2012, 30, 981-990.	2.6	16
6	Characterization of yeast seryl-tRNA synthetase active site mutants with improved discrimination against substrate analogues. BBA - Proteins and Proteomics, 2000, 1480, 160-170.	2.1	12
7	Synthesis of Novel Aliphatic N-sulfonylamidino Thymine Derivatives by Cu(I)-catalyzed Three-component Coupling Reaction. Croatica Chemica Acta, 2012, 85, 525-534.	0.4	12
8	Impact of linker between triazolyluracil and phenanthridine on recognition of DNA and RNA. Recognition of uracil-containing RNA. New Journal of Chemistry, 2017, 41, 13240-13252.	2.8	12
9	Metabolic effects of novel N-1-sulfonylpyrimidine derivatives on human colon carcinoma cells. Il Farmaco, 2005, 60, 479-483.	0.9	10
10	Flexibility and Preorganization of Fluorescent Nucleobase-Pyrene Conjugates Control DNA and RNA Recognition. Molecules, 2020, 25, 2188.	3.8	10
11	SYNTHESIS AND ANTITUMOR ACTIVITY OF 5-BROMO-1-MESYLURACIL. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 557-569.	1.1	9
12	Nucleobaseâ€“Guanidiniocarbonyl-Pyrrole Conjugates as Novel Fluorimetric Sensors for Single Stranded RNA. Molecules, 2017, 22, 2213.	3.8	9
13	Transition metal complexes of N-1-tosylcytosine and N-1-mesylcytosine. Polyhedron, 2009, 28, 3101-3109.	2.2	8
14	Conformational chirality and chiral crystallization of N-sulfonylpyrimidine derivatives. Tetrahedron, 2007, 63, 86-92.	1.9	7
15	Screening of potential prodrugs on cells derived from Dupuytren's disease patients. Biomedicine and Pharmacotherapy, 2009, 63, 577-585.	5.6	7
16	C5-Morpholinomethylation of N1-sulfonylcytosines by a one-pot microwave assisted Mannich reaction. Organic and Biomolecular Chemistry, 2018, 16, 2678-2687.	2.8	7
17	Pyrrolocytosineâ€“pyrene conjugates as fluorescent and CD probes for the fine sensing of ds-polynucleotide secondary structure and specific recognition of poly G. New Journal of Chemistry, 2019, 43, 8204-8214.	2.8	7
18	ESIâ€MS studies of palladium (II) complexes with 1â€(pâ€toluenesulfonyl)cytosine/cytosinato ligands. Journal of Mass Spectrometry, 2010, 45, 51-64.	1.6	6

#	Article	IF	Citations
19	Stabilization of the N-1-substituted cytosinate iminooxo form in dinuclear palladium complexes. Polyhedron, 2009, 28, 1057-1064.	2.2	6
20	Fluorescence studies of calf spleen purine nucleoside phosphorylase (PNP) complexes with guanine and 9-deazaguanine. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 841-847.	1.1	5
21	DBU induced formation of 8-bromoguanosine dimer with three hydrogen bonds between the GGâˆ™ base pairs. Tetrahedron, 2012, 68, 1062-1070.	1.9	5
22	Fluorescent Analogues of FRH Peptide: Cu(II) Binding and Interactions with ds-DNA/RNA. Chemosensors, 2022, 10, 34.	3.6	5
23	Synthesis and Biological Activity of Reversed Pyrimidine Nucleosides. Croatica Chemica Acta, 2015, 88, 43-52.	0.4	4
24	Synthesis and in vitro evaluation of antiviral and cytostatic properties of novel 8-triazolyl acyclovir derivatives. Nucleosides, Nucleotides and Nucleic Acids, 2018, 37, 397-414.	1.1	4
25	Antiproliferative and proapoptotic activity of molecular copper(II) complex of N-1-tosylcytosine. Journal of Trace Elements in Medicine and Biology, 2019, 55, 216-222.	3.0	4
26	Mass spectrometric investigation ofN-sulfonylated purine nucleic bases and nucleosides. Rapid Communications in Mass Spectrometry, 2003, 17, 377-382.	1.5	3
27	ESIâ€MS studies of the nonâ€covalent interactions between biologically important metal ions and Nâ€sulfonylcytosine derivatives. Journal of Mass Spectrometry, 2016, 51, 998-1005.	1.6	3
28	6-Morpholino- and 6-amino-9-sulfonylpurine derivatives. Synthesis, computational analysis, and biological activity. Nucleosides, Nucleotides and Nucleic Acids, 2021, 40, 470-503.	1.1	3
29	Impact of the Histidine-Triazole and Tryptophan-Pyrene Exchange in the WHW Peptide: Cu(II) Binding, DNA/RNA Interactions and Bioactivity. International Journal of Molecular Sciences, 2022, 23, 7006.	4.1	3
30	Mass Spectrometry and Theoretical Studies on Nâ€“C Bond Cleavages in the N-Sulfonylamidino Thymine Derivatives. Journal of the American Society for Mass Spectrometry, 2015, 26, 833-842.	2.8	2
31	Synthesis and In vitro Activity of N-sulfonylamidine-derived Pyrimidine Analogues. Croatica Chemica Acta, 2017, 90, .	0.4	2
32	Interactions of 2,6-substituted purines with purine nucleoside phosphorylase from Helicobacter pylori in solution and in the crystal, and the effects of these compounds on cell cultures of this bacterium. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1083-1097.	5.2	2
33	An Efficient Synthesis and In vitro Cytostatic Activity of 5-Aminosulfonyl Uracil Derivatives. Croatica Chemica Acta, 2019, 92, 269-277.	0.4	1
34	The transformation from 2Â°â€amine to 3Â°â€amine of cyclam ring alters the fragmentation patterns of 1â€tosylcytosineâ€cyclam conjugates. Journal of Mass Spectrometry, 2018, 53, 655-664.	1.6	0