

Biserka Å¹/₂iniÄ

List of Publications by Year in descending order

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34
papers

260
citations

1040056

9
h-index

1058476

14
g-index

37
all docs

37
docs citations

37
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent Analogues of FRH Peptide: Cu(II) Binding and Interactions with ds-DNA/RNA. <i>Chemosensors</i> , 2022, 10, 34.	3.6	5
2	Interactions of 2,6-substituted purines with purine nucleoside phosphorylase from <i>Helicobacter pylori</i> in solution and in the crystal, and the effects of these compounds on cell cultures of this bacterium. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1083-1097.	5.2	2
3	Impact of the Histidine-Triazole and Tryptophan-Pyrene Exchange in the WHW Peptide: Cu(II) Binding, DNA/RNA Interactions and Bioactivity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7006.	4.1	3
4	6-Morpholino- and 6-amino-9-sulfonyl-purine derivatives. Synthesis, computational analysis, and biological activity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021, 40, 470-503.	1.1	3
5	Flexibility and Preorganization of Fluorescent Nucleobase-Pyrene Conjugates Control DNA and RNA Recognition. <i>Molecules</i> , 2020, 25, 2188.	3.8	10
6	Pyrrolocytosine-pyrene conjugates as fluorescent and CD probes for the fine sensing of ds-polynucleotide secondary structure and specific recognition of poly G. <i>New Journal of Chemistry</i> , 2019, 43, 8204-8214.	2.8	7
7	An Efficient Synthesis and In vitro Cytostatic Activity of 5-Aminosulfonyl Uracil Derivatives. <i>Croatica Chemica Acta</i> , 2019, 92, 269-277.	0.4	1
8	Antiproliferative and proapoptotic activity of molecular copper(II) complex of N-1-tosylcytosine. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 55, 216-222.	3.0	4
9	C5-Morpholinomethylation of N-1-sulfonylcytosines by a one-pot microwave assisted Mannich reaction. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2678-2687.	2.8	7
10	Synthesis and in vitro evaluation of antiviral and cytostatic properties of novel 8-triazolyl acyclovir derivatives. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2018, 37, 397-414.	1.1	4
11	The transformation from 2°-amine to 3°-amine of cyclam ring alters the fragmentation patterns of 1-tosylcytosine-cyclam conjugates. <i>Journal of Mass Spectrometry</i> , 2018, 53, 655-664.	1.6	0
12	Impact of linker between triazolyluracil and phenanthridine on recognition of DNA and RNA. Recognition of uracil-containing RNA. <i>New Journal of Chemistry</i> , 2017, 41, 13240-13252.	2.8	12
13	Nucleobase-Guanidiniocarbonyl-Pyrrole Conjugates as Novel Fluorimetric Sensors for Single Stranded RNA. <i>Molecules</i> , 2017, 22, 2213.	3.8	9
14	Synthesis and In vitro Activity of N-sulfonylamidine-derived Pyrimidine Analogues. <i>Croatica Chemica Acta</i> , 2017, 90, .	0.4	2
15	ESI-MS studies of the non-covalent interactions between biologically important metal ions and N-sulfonylcytosine derivatives. <i>Journal of Mass Spectrometry</i> , 2016, 51, 998-1005.	1.6	3
16	5-Triazolyluracils and Their N ¹ -Sulfonyl Derivatives: Intriguing Reactivity Differences in the Sulfonation of Triazole N ¹ -Substituted and N ¹ -Unsubstituted Uracil Molecules. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7695-7704.	2.4	20
17	Synthesis and Biological Activity of Reversed Pyrimidine Nucleosides. <i>Croatica Chemica Acta</i> , 2015, 88, 43-52.	0.4	4
18	Mass Spectrometry and Theoretical Studies on N-C Bond Cleavages in the N-Sulfonylamidino Thymine Derivatives. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 833-842.	2.8	2

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19	Synthesis of Novel Aliphatic N-sulfonylamidino Thymine Derivatives by Cu(I)-catalyzed Three-component Coupling Reaction. <i>Croatica Chemica Acta</i> , 2012, 85, 525-534.	0.4	12
20	In vivo toxicity study of N-1-sulfonylcytosine derivatives and their mechanisms of action in cervical carcinoma cell line. <i>Investigational New Drugs</i> , 2012, 30, 981-990.	2.6	16
21	DBU induced formation of 8-bromoguanosine dimer with three hydrogen bonds between the GC ⁺ base pairs. <i>Tetrahedron</i> , 2012, 68, 1062-1070.	1.9	5
22	ESI-MS studies of palladium (II) complexes with 4-toluenesulfonylcytosine/cytosinato ligands. <i>Journal of Mass Spectrometry</i> , 2010, 45, 51-64.	1.6	6
23	Stabilization of the N-1-substituted cytosinate iminooxo form in dinuclear palladium complexes. <i>Polyhedron</i> , 2009, 28, 1057-1064.	2.2	6
24	Transition metal complexes of N-1-tosylcytosine and N-1-mesylcytosine. <i>Polyhedron</i> , 2009, 28, 3101-3109.	2.2	8
25	Screening of potential prodrugs on cells derived from Dupuytren's disease patients. <i>Biomedicine and Pharmacotherapy</i> , 2009, 63, 577-585.	5.6	7
26	Atypical cytostatic mechanism of N-1-sulfonylcytosine derivatives determined by in vitro screening and computational analysis. <i>Investigational New Drugs</i> , 2008, 26, 97-110.	2.6	23
27	Fluorescence studies of calf spleen purine nucleoside phosphorylase (PNP) complexes with guanine and 9-deazaguanine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 841-847.	1.1	5
28	Conformational chirality and chiral crystallization of N-sulfonylpyrimidine derivatives. <i>Tetrahedron</i> , 2007, 63, 86-92.	1.9	7
29	Metabolic effects of novel N-1-sulfonylpyrimidine derivatives on human colon carcinoma cells. II. <i>Farmaco</i> , 2005, 60, 479-483.	0.9	10
30	Antitumor activity of novel N-sulfonylpyrimidine derivatives on the growth of anaplastic mammary carcinoma in vivo. <i>Journal of Cancer Research and Clinical Oncology</i> , 2005, 131, 829-836.	2.5	16
31	SYNTHESIS AND ANTITUMOR ACTIVITY OF 5-BROMO-1-MESYLURACIL. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 557-569.	1.1	9
32	Synthesis, structure, and biological evaluation of C-2 sulfonamido pyrimidine nucleosides. <i>Tetrahedron</i> , 2003, 59, 4047-4057.	1.9	17
33	Mass spectrometric investigation of N-sulfonylated purine nucleic bases and nucleosides. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 377-382.	1.5	3
34	Characterization of yeast seryl-tRNA synthetase active site mutants with improved discrimination against substrate analogues. <i>BBA - Proteins and Proteomics</i> , 2000, 1480, 160-170.	2.1	12