Irina D Konstantinova

List of Publications by Year
in descending order

19	206	1040056 9	1058476 14
papers	citations	h-index	g-index

19	19	19	238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The comparative analysis of the properties and structures of purine nucleoside phosphorylases from thermophilic bacterium Thermus thermophilus HB27. Journal of Biomolecular Structure and Dynamics, 2022, 40, 3626-3641.	3.5	4
2	Synthesis of New 5â€²-Norcarbocyclic Aza/Deaza Purine Fleximers - Noncompetitive Inhibitors of E.coli Purine Nucleoside Phosphorylase. Frontiers in Chemistry, 2022, 10, .	3.6	2
3	Novel fleximer pyrazole-containing adenosine analogues: chemical, enzymatic and highly efficient biotechnological synthesis. Organic and Biomolecular Chemistry, 2021, 19, 7379-7389.	2.8	8
4	Anion exchange resins in phosphate form as versatile carriers for the reactions catalyzed by nucleoside phosphorylases. Beilstein Journal of Organic Chemistry, 2020, 16, 2607-2622.	2.2	2
5	Enzymatic synthesis of novel purine nucleosides bearing a chiral benzoxazine fragment. Chemical Biology and Drug Design, 2019, 93, 605-616.	3.2	13
6	Isosteric ribavirin analogues: Synthesis and antiviral activities. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 11-14.	2.2	23
7	Thermophilic phosphoribosyltransferases Thermus thermophilus HB27 in nucleotide synthesis. Beilstein Journal of Organic Chemistry, 2018, 14, 3098-3105.	2.2	4
8	New modified 2-aminobenzimidazole nucleosides: Synthesis and evaluation of their activity against herpes simplex virus type 1. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2484-2487.	2.2	14
9	The Chemoenzymatic Synthesis of 2-Chloro- and 2-Fluorocordycepins. Synthesis, 2017, 49, 4853-4860.	2.3	6
10	Chemoenzymatic Synthesis of Modified 2â€²-Deoxy-2â€²-fluoro-Î²-d-arabinofuranosyl Benzimidazoles and Evaluation of Their Activity Against Herpes Simplex Virus Type 1. Synthesis, 2017, 49, 1043-1052.	2.3	6
11	An alternative route to the arylvinyltriazole nucleosides. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3223-3225.	2.2	13
12	Novel 5-alkyl(aryl)-substituted ribavirine analogues: synthesis and antiviral evaluation. Mendeleev Communications, 2016, 26, 214-216.	1.6	16
13	Chemoenzymatic Synthesis and Antiherpes Activity of 5-Substituted 4,6-Difluorobenzimidazoles Ribo- and 2â€²-Deoxyribonucleosides. Synthesis, 2016, 48, 394-406.	2.3	6
14	Chemoenzymatic arabinosylation of 2-aminopurines bearing the chiral fragment of 7,8-difluoro-3-methyl-3,4-dihydro-2H-[1,4]benzoxazines. Mendeleev Communications, 2016, 26, 6-8.	1.6	11
15	Recognition of Artificial Nucleobases by E. coli Purine Nucleoside Phosphorylase versus its Ser90Ala Mutant in the Synthesis of Baseâ€Modified Nucleosides. Chemistry - A European Journal, 2015, 21, 13401-13419.	3.3	24
16	The chemoenzymatic synthesis of clofarabine and related 2â€²-deoxyfluoroarabinosyl nucleosides: the electronic and stereochemical factors determining substrate recognition by E. coli nucleoside phosphorylases. Beilstein Journal of Organic Chemistry, 2014, 10, 1657-1669.	2.2	29
17	Chemo-Enzymatic Synthesis and Biological Evaluation of 5,6-Disubstituted Benzimidazole Ribo- and 2â€²-Deoxyribonucleosides. Synthesis, 2013, 45, 272-280.	2.3	8
18	A Chemo-Enzymatic Synthesis of Î²-d-Arabinofuranosyl Purine Nucleosides. Synthesis, 2011, 2011, 1555-1560.	2.3	7

#	Article	IF	Citations
19	A New Strategy for the Synthesis of Nucleosides: One-Pot Enzymatic Transformation of D-Pentoses into Nucleosides~!2010-01-23~!2010-07-23~!2010-08-23~!. The Open Conference Proceedings Journal, 2010, 1, 98-102.	0.6	10