

Sergey Mikhailov

List of Publications by Year in descending order

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168
papers

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citations

331259

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#	ARTICLE	IF	CITATIONS
1	Synthesis of \pm -D-Ribose 1-Phosphate and 2-Deoxy \pm -D-Ribose 1-Phosphate Via Enzymatic Phosphogolysis of 7-Methylguanosine and 7-Methyldeoxyguanosine. <i>Current Protocols</i> , 2022, 2, e347.	1.3	2
2	In Vitro and In Silico Studies of Human Tyrosyl-DNA Phosphodiesterase 1 (Tdp1) Inhibition by Stereoisomeric Forms of Lipophilic Nucleosides: The Role of Carbohydrate Stereochemistry in Ligand-Enzyme Interactions. <i>Molecules</i> , 2022, 27, 2433.	1.7	2
3	Nucleoside Inhibitors of Coronaviruses. <i>Current Medicinal Chemistry</i> , 2021, 28, 5284-5310.	1.2	5
4	Antiviral and Antimicrobial Nucleoside Derivatives: Structural Features and Mechanisms of Action. <i>Molecular Biology</i> , 2021, 55, 786-812.	0.4	37
5	Use of nucleoside phosphorylases for the preparation of 5-modified pyrimidine ribonucleosides. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140292.	1.1	9
6	Inhibition of Tyrosyl-DNA Phosphodiesterase 1 by Lipophilic Pyrimidine Nucleosides. <i>Molecules</i> , 2020, 25, 3694.	1.7	7
7	Distinct Peculiarities of In Planta Synthesis of Isoprenoid and Aromatic Cytokinins. <i>Biomolecules</i> , 2020, 10, 86.	1.8	3
8	Strained Conformations of Nucleosides in Active Sites of Nucleoside Phosphorylases. <i>Biomolecules</i> , 2020, 10, 552.	1.8	7
9	Fundamental Aspects of Xanthene Dye Aggregation on the Surfaces of Nanocluster Polyoxometalates: H α -to J α -Aggregate Switching. <i>Chemistry - A European Journal</i> , 2020, 26, 5685-5693.	1.7	15
10	Synthesis of Poly(ADP α -ribose) Monomer Containing 2 α -O α - \pm -D-Ribofuranosyl Adenosine. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2019, 78, e92.	0.5	1
11	Enzymatic Synthesis of 2-Deoxyribose 1-Phosphate and Ribose 1 Phosphate and Subsequent Preparation of Nucleosides. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6999-7004.	1.2	13
12	Comparative Analysis of the Biosynthesis of Isoprenoid and Aromatic Cytokinins. <i>Doklady Biochemistry and Biophysics</i> , 2019, 488, 346-349.	0.3	2
13	A role for 3 α -O- \pm -D-ribofuranosyladenosine in altering plant immunity. <i>Phytochemistry</i> , 2019, 157, 128-134.	1.4	11
14	Chemoenzymatic synthesis of cytokinins from nucleosides: ribose as a blocking group. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2156-2163.	1.5	6
15	Synthesis of <i>N</i> ⁶ -Substituted Adenosines as Cytokinin Nucleosides. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2018, 72, 14.15.1-14.15.16.	0.5	4
16	Cytokinin activity of N ⁶ -benzyladenine derivatives assayed by interaction with the receptors in planta, in Vitro, and in silico. <i>Phytochemistry</i> , 2018, 149, 161-177.	1.4	19
17	Use of Nucleoside Phosphorylases for the Preparation of Purine and Pyrimidine 2-Deoxynucleosides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 305-312.	2.1	20
18	Synthesis of Cytokinins via Enzymatic Arsenolysis of Purine Nucleosides. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2018, 75, e61.	0.5	3

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19	Novel group of tyrosyl-DNA-phosphodiesterase 1 inhibitors based on disaccharide nucleosides as drug prototypes for anti-cancer therapy. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1415-1429.	2.5	18
20	Quantitative Prediction of Yield in Transglycosylation Reaction Catalyzed by Nucleoside Phosphorylases. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3090-3096.	2.1	18
21	New tools in nucleoside toolbox of tick-borne encephalitis virus reproduction inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1267-1273.	1.0	26
22	Peculiarities of obtaining biocompatible films based on chitosan cross linked by genipin. <i>Polymer Science - Series D</i> , 2017, 10, 189-193.	0.2	11
23	Substrate specificity of <i>E. coli</i> uridine phosphorylase. Further evidences of high-syn conformation of the substrate in uridine phosphorolysis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 107-121.	0.4	5
24	Anti-HIV Activities of Intramolecular G4 and Non-G4 Oligonucleotides. <i>Nucleic Acid Therapeutics</i> , 2017, 27, 56-66.	2.0	11
25	Fluorination of Naturally Occurring N6-Benzyladenosine Remarkably Increased Its Antiviral Activity and Selectivity. <i>Molecules</i> , 2017, 22, 1219.	1.7	16
26	Perspectives in Medicinal Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 2725-2726.	1.0	4
27	Biodegradable scaffolds based on chitosan: Preparation, properties, and use for the cultivation of animal cells. <i>Applied Biochemistry and Microbiology</i> , 2016, 52, 515-524.	0.3	15
28	Poly(ADP-ribose): From chemical synthesis to drug design. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3395-3403.	1.0	12
29	Modification of the length and structure of the linker of N6-benzyladenosine modulates its selective antiviral activity against enterovirus 71. <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 84-94.	2.6	29
30	Crosslinking of Chitosan with Dialdehyde Derivatives of Nucleosides and Nucleotides. Mechanism and Comparison with Glutaraldehyde. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016, 35, 114-129.	0.4	27
31	Cytokinin Nucleosides - Natural Compounds with a Unique Spectrum of Biological Activities. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 2562-2576.	1.0	24
32	Inhibition of Poly(ADP-Ribose) Polymerase by Nucleic Acid Metabolite 7-Methylguanine. <i>Acta Naturae</i> , 2016, 8, 108-15.	1.7	8
33	Perspectives in Medicinal Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2016, , .	1.0	0
34	Regioselective 1-N-Alkylation and Rearrangement of Adenosine Derivatives. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2015, 34, 475-499.	0.4	11
35	Stereoselective Synthesis of 2- β -D-Ribofuranosyluridine, A Structural Fragment of Hellecaucaside A. <i>Chemistry of Natural Compounds</i> , 2015, 51, 256-260.	0.2	3
36	Poly(ADP-Ribose) - A Unique Natural Polymer Structural Features, Biological Role and Approaches to the Chemical Synthesis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2015, 34, 258-276.	0.4	14

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37	Chemical modification of the plant isoprenoid cytokinin N6-isopentenyladenosine yields a selective inhibitor of human enterovirus 71 replication. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 406-413.	2.6	23
38	High-synconformation of uridine and asymmetry of the hexameric molecule revealed in the high-resolution structures of <i>Shewanella oneidensis</i> MR-1 uridine phosphorylase in the free form and in complex with uridine. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 3310-3319.	2.5	13
39	The selective toxic effect of dialdehyde derivatives of pyrimidine nucleosides on human ovarian cancer cells. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2014, 8, 318-322.	0.2	2
40	Substrate specificity of <i>E. coli</i> uridine phosphorylase. Evidence of high-syn conformation of substrate. , 2014, , .		1
41	Further improvements in disaccharide synthesis: synthesis of 2â€™-O- β -D-ribofuranosyladenosine and its derivatives. , 2014, , .		2
42	Disaccharide Pyrimidine Nucleosides and Their Derivatives: A Novel Group of Cell-Penetrating Inhibitors of Poly(ADP-Ribose) Polymerase 1. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2013, 32, 510-528.	0.4	22
43	Physicochemical characterization of uridine phosphorylase from <i>Shewanella oneidensis</i> MR-1. <i>Doklady Biochemistry and Biophysics</i> , 2013, 451, 187-189.	0.3	3
44	N6-(benzyloxymethyl)adenosine is a novel anticytokinin, an antagonist of cytokinin receptor CRE1/AHK4 of <i>Arabidopsis</i> . <i>Doklady Biochemistry and Biophysics</i> , 2012, 444, 178-181.	0.3	9
45	Modification of chitosan cryogels by pyridoxal phosphate to improve sorption capacity. <i>Fibre Chemistry</i> , 2012, 43, 426-432.	0.0	6
46	Replication-competent gamma-retrovirus Mo-MuLV expressing green fluorescent protein as efficient tool for screening of inhibitors of retroviruses that use heparan sulfate as primary cell receptor. <i>Molecular Biology</i> , 2012, 46, 457-466.	0.4	7
47	Facile Synthesis of 8-Azido-6-Benzylaminopurine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2011, 30, 503-511.	0.4	15
48	N6-substituted adenosines. Cytokinin and antitumor activities. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 1361-1378.	1.0	18
49	Solid-Supported 2â€™-O-Glycoconjugation of Oligonucleotides by Azidation and Click Reactions. <i>Bioconjugate Chemistry</i> , 2011, 22, 1249-1255.	1.8	24
50	Sorption of Eu(III) from solutions of covalently cross-linked chitosan cryogels. <i>Fibre Chemistry</i> , 2011, 42, 364-369.	0.0	9
51	Gel formation in polymeric composites for modification of fibrous materials. <i>Fibre Chemistry</i> , 2011, 43, 129-133.	0.0	2
52	N6-Acetyl-2â€™,3â€™,5â€™-tri-O-acetyladenosine; A Convenient, â€œMissed Outâ€™ Substrate for Regioselective N6-Alkylations. <i>Synthesis</i> , 2011, 2011, 2483-2489.	1.2	7
53	A New Protocol for Selective Cleavage of Acyl Protecting Groups in 2â€™-O-Modified 3â€™,5â€™-O-(Tetraisopropylidisiloxane-1,3-diyl)ribonucleosides. <i>Synthesis</i> , 2010, 2010, 3827-3834.	1.2	1
54	Detection of RNA Hybridization by Pyreneâ€¢Labeled Probes. <i>ChemBioChem</i> , 2009, 10, 1175-1185.	1.3	32

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55	Disaccharide nucleosides as an important group of natural compounds. <i>Molecular Biology</i> , 2009, 43, 301-312.	0.4	19
56	About mechanism of chitosan cross-linking with glutaraldehyde. <i>Russian Journal of Bioorganic Chemistry</i> , 2009, 35, 360-369.	0.3	158
57	A large-scale chemical modification screen identifies design rules to generate siRNAs with high activity, high stability and low toxicity. <i>Nucleic Acids Research</i> , 2009, 37, 2867-2881.	6.5	315
58	Oligodeoxynucleotides Containing $1\text{-N}^6\text{-Methyl-2\text{-Deoxyadenosine}}$ and $6\text{-N}^2\text{-Methyl-2\text{-Deoxyadenosine}}$. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2009, 38, 0.5 Unit 4.36 1-19.	0.5	1
59	Effective isomerization of 3', 5'-O-(tetraisopropylidisiloxane-1,3-diyl)nucleosides in the presence of trimethylsilyl trifluoromethanesulfonate. <i>Arkivoc</i> , 2009, 2009, 158-170.	0.3	0
60	Synthesis of 2'-O- β -D-ribofuranosyladenosine, monomeric unit of poly(ADP-ribose). <i>Tetrahedron</i> , 2008, 64, 2871-2876.	1.0	23
61	Phosphoramidite building blocks for efficient incorporation of 2'-O-aminoethoxy (and propoxy) methyl nucleosides into oligonucleotides. <i>Tetrahedron</i> , 2008, 64, 6238-6251.	1.0	18
62	Substrate Specificity of Thymidine Phosphorylase of <i>E. Coli</i> : Role of Hydroxyl Groups. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 1211-1214.	0.4	5
63	Stereospecific synthesis of 2'-O- β -D-ribofuranosyl nucleosides. , 2008, , .		2
64	Periodate oxidized derivatives of nucleosides and nucleotides as novel crosslinking reagents. , 2008, , .		1
65	Synthesis of 2'-O- and 3'-O-Methylribonucleosides. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2007, 28, 0.5 Unit 14.5.	0.5	0
66	Disaccharide Nucleosides and their Incorporation into Oligonucleotides. <i>Current Organic Chemistry</i> , 2007, 11, 337-354.	0.9	22
67	2'-O-Hydroxyalkoxymethylribonucleosides and their Incorporation into Oligoribonucleotides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1509-1512.	0.4	4
68	Oligodeoxynucleotides Containing 2'-Deoxy-1-methyladenosine and Dimroth Rearrangement. <i>Helvetica Chimica Acta</i> , 2007, 90, 928-937.	1.0	9
69	Substrate specificity of <i>Escherichia coli</i> thymidine phosphorylase. <i>Biochemistry (Moscow)</i> , 2007, 72, 21-28.	0.7	15
70	Synthesis of Oligoribonucleotides Containing Pyrimidine 2'-O-[(Hydroxyalkoxy)methyl]ribonucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 2006, 71, 804-819.	1.0	6
71	Synthesis of 2'-O- β -D-Ribofuranosyl nucleosides. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2006, 27, 0.5 Unit 1.14.	0.5	3
72	Disaccharide nucleosides: The crystal and molecular structure of 2'-O- β -D-ribofuranosylcytidine. <i>Crystallography Reports</i> , 2005, 50, 395-399.	0.1	1

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73	Synthesis of RNA Containing O- β -D-Ribofuranosyl-(1 \rightarrow 2)-adenosine-5-phosphate and 1-Methyladenosine. Minor Components of tRNA. <i>Chemistry and Biodiversity</i> , 2005, 2, 1153-1163.	1.0	11
74	Incorporation of a disaccharide nucleoside into the backbone of double-stranded DNA: crystallization and preliminary X-ray diffraction. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 953-955.	0.7	1
75	Effective Anomerisation of 2-Deoxyadenosine Derivatives During Disaccharide Nucleoside Synthesis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 1849-1864.	0.4	9
76	Interaction of HIV-1 Reverse Transcriptase with Modified Oligonucleotide Primers Containing 2'-O-D-Ribofuranosyladenosine. <i>Biochemistry (Moscow)</i> , 2004, 69, 130-136.	0.7	1
77	Use of 4-Thiouridine and 4-Thiothymidine in Studies on Pyrimidine Nucleoside Phosphorylases. <i>Molecular Biology</i> , 2004, 38, 770-776.	0.4	12
78	Synthesis and Properties of O-D-ribofuranosyl-(1 \rightarrow 2)-guanosine-5-phosphate and Its Derivatives. <i>Helvetica Chimica Acta</i> , 2003, 86, 504-514.	1.0	9
79	Synthesis and Conformational Properties of O- β -D-Ribofuranosyl-(1 \rightarrow 2)-guanosine and (Adenosine)-5-phosphate. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1109-1111.	0.4	4
80	Oligonucleotides Containing Disaccharide Nucleosides: Synthesis, Physicochemical, and Substrate Properties. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1117-1118.	0.4	1
81	Dinucleoside Monophosphates Containing AZT and 1-Methyladenosine or 7-Methylguanosine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 853-855.	0.4	1
82	Chemical Incorporation of 1-Methyladenosine, Minor tRNA Component, into Oligonucleotides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1113-1115.	0.4	1
83	Fluorescent 2-Pyrimidinone Nucleoside in Parallel-Stranded DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1499-1503.	0.4	6
84	Cleavage of DNA without loss of genetic information by incorporation of a disaccharide nucleoside. <i>Nucleic Acids Research</i> , 2003, 31, 6758-6769.	6.5	4
85	Synthesis and Properties of Phosphorylated 3'-O- β -D-Ribofuranosyl-2'-deoxythymidine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 359-371.	0.4	7
86	Chemical incorporation of 1-methyladenosine into oligonucleotides. <i>Nucleic Acids Research</i> , 2002, 30, 1124-1131.	6.5	32
87	AFFINITY MODIFICATION OF EcoRII DNA METHYLTRANSFERASE BY THE DIALDEHYDE-SUBSTITUTED DNA DUPLEXES: MAPPING THE ENZYME REGION THAT INTERACTS WITH DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2002, 21, 753-764.	0.4	8
88	An additional 2'-ribofuranose residue at a specific position of the DNA primer prevents its elongation by HIV-1 reverse transcriptase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 681-684.	1.0	11
89	Title is missing!. <i>Russian Journal of Bioorganic Chemistry</i> , 2002, 28, 50-57.	0.3	3
90	Distinct mechanisms of bisphosphonate action between osteoblasts and breast cancer cells: identity of a potent new bisphosphonate analogue. <i>Breast Cancer Research and Treatment</i> , 2002, 71, 257-268.	1.1	39

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91	A comparative study on the cleavage of stereoisomeric uridylyl(3',5')uridines [D,D-, D,L- and L,D-UpU] by acid, base and metal ion catalysts. <i>Origins of Life and Evolution of Biospheres</i> , 2002, 32, 303-310.	0.8	1
92	Disaccharide nucleosides and oligonucleotides on their basis. New tools for the study of enzymes of nucleic acid metabolism. <i>Biochemistry (Moscow)</i> , 2002, 67, 1136-1144.	0.7	17
93	Disaccharide nucleosides and oligonucleotides on their basis. , 2002, , .		5
94	Oligonucleotides Containing Disaccharide Nucleosides. <i>Helvetica Chimica Acta</i> , 2001, 84, 2387-2397.	1.0	22
95	Title is missing!. <i>Molecular Biology</i> , 2001, 35, 717-729.	0.4	14
96	Title is missing!. <i>Helvetica Chimica Acta</i> , 2000, 83, 1278-1289.	1.0	14
97	Periodate oxidation in chemistry of nucleic acids: Dialdehyde derivatives of nucleosides, nucleotides, and oligonucleotides (Review). <i>Russian Journal of Bioorganic Chemistry</i> , 2000, 26, 429-449.	0.3	20
98	Synthesis and Properties of O- ¹² -D-Ribofuranosyl-(1 ³ - ²)-Adenosine-5 ³ -O-Phosphate and Its Derivatives. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2000, 19, 1847-1859.	0.4	14
99	Probing the Mval Methyltransferase Region that Interacts with DNA: Affinity Labeling with the Dialdehyde-Containing DNA Duplexes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2000, 19, 1805-1820.	0.4	7
100	Synthesis and Properties of Novel NTP Derivatives. <i>Nucleosides & Nucleotides</i> , 1999, 18, 1013-1014.	0.5	4
101	Synthesis of <i>O</i> - ¹² -D-Ribofuranosyl-(1 ³ - ²)-adenosine-5 ³ - <i>O</i> -phosphate. <i>Nucleosides & Nucleotides</i> , 1999, 18, 623-624.	0.5	5
102	Oligonucleotides with Reactive Dialdehyde Groups as Novel Affinity Reagents. <i>Nucleosides & Nucleotides</i> , 1999, 18, 1469-1470.	0.5	2
103	Studies on Disaccharide Nucleoside Synthesis. Mechanism of the Formation of Trisaccharide Purine Nucleosides. <i>Nucleosides & Nucleotides</i> , 1999, 18, 691-692.	0.5	4
104	Mapping of T7 RNA polymerase active site with novel reagents - oligonucleotides with reactive dialdehyde groups. <i>FEBS Letters</i> , 1999, 442, 20-24.	1.3	21
105	Formation of Trisaccharide Nucleosides During Disaccharide Nucleoside Synthesis. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 2193-2199.	1.2	13
106	Functionally Competent Analogs and Their Use for the Determination of Nucleotide Conformation in the Productive Enzyme-Substrate Complexes. <i>Nucleosides & Nucleotides</i> , 1998, 17, 1915-1918.	0.5	1
107	Disaccharide Nucleosides And Their Enzymatic And Chemical Incorporation Into Oligonucleotides. <i>Nucleosides & Nucleotides</i> , 1998, 17, 1681-1684.	0.5	6
108	Effects of 3 ² - <i>C</i> -Methylation on the Hydrolytic Stability and Hydroxyl p <i>K</i> _a Values of Dinucleoside 2 ² ,5 ² - and 3 ² ,5 ² -Monophosphates. <i>Nucleosides & Nucleotides</i> , 1998, 17, 1325-1331.		0

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109	DNA duplexes with reactive dialdehyde groups as novel reagents for cross-linking to restriction-modification enzymes. <i>Nucleic Acids Research</i> , 1997, 25, 3302-3309.	6.5	23
110	An Efficient Synthesis and Physico-Chemical Properties OF 2'-O-d-Ribofuranosyl nucleosides, Minor tRNA Components. <i>Journal of Carbohydrate Chemistry</i> , 1997, 16, 75-92.	0.4	37
111	Substrate properties of C ² -methyl UTP derivatives in T7 RNA polymerase reactions. Evidence for N-type NTP conformation. <i>FEBS Letters</i> , 1997, 400, 263-266.	1.3	4
112	Determination of the nucleotide conformation in the productive enzyme-substrate complexes of RNA-depolymerases. <i>FEBS Letters</i> , 1997, 404, 169-172.	1.3	5
113	Oligodeoxyribonucleosides Containing 1- ² -D-Glucopyranosylthymine Synthesis and Substrate Properties. <i>Nucleosides & Nucleotides</i> , 1996, 15, 1619-1634.	0.5	9
114	Ribosylation of Pyrimidine 2-Deoxynucleosides. <i>Nucleosides & Nucleotides</i> , 1996, 15, 1323-1334.	0.5	19
115	Synthesis of disaccharide nucleosides and their incorporation into oligonucleotides. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 206-209.	1.0	5
116	Regioselective incorporation of reactive dialdehyde groups into synthetic oligonucleotides. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 210-212.	1.0	1
117	Inhibition of growth of estrogen receptor positive and estrogen receptor negative breast cancer cells in culture by AA-etherA, a stable 2-5A derivative. <i>Oncogene</i> , 1996, 12, 827-37.	2.6	11
118	Synthesis of Dioxolane Analogues of Dideoxynucleotides and Their Substrate Properties in DNA Synthesis Reactions. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 1995, 14, 727-729.	0.4	3
119	Synthesis and Properties of Some 2'-O-d-Ribofuranosyl-nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 1995, 14, 481-484.	0.4	16
120	Acyclic Nucleoside and Nucleotide Analogues with Amide Bond. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 1995, 14, 373-375.	0.4	4
121	Dioxolane nucleosides and their phosphonate derivatives: synthesis and hydrolytic stability. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 1409-1415.	0.9	7
122	Hydrolysis of Isomeric Cytidylyl-(3',5')-5'-C-methyluridines by Acids, Bases and Metal Ions: Steric Effects in the Hydrolysis of the Phosphodiester Bonds of RNA.. <i>Acta Chemica Scandinavica</i> , 1995, 49, 307-310.	0.7	3
123	Nucleoside Analogues on the Basis of 4(R),5(R)-Dihydroxymethyl-2-methyl-1,3-dioxolane. <i>Nucleosides & Nucleotides</i> , 1994, 13, 615-623.	0.5	3
124	Additional evidence for the exceptional mechanism of the acid-catalysed hydrolysis of 4-oxypyrimidine nucleosides: hydrolysis of 1-(1-alkoxyalkyl)uracils, seconucleosides, 3-C-alkyl nucleosides and nucleoside 3,5-cyclic monophosphates. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 309-314.	0.9	9
125	Kinetics of mutual isomerization of the phosphonate analogs of dinucleoside 2',5'- and 3',5'-monophosphates in aqueous solution. <i>Journal of Organic Chemistry</i> , 1993, 58, 1617-1619.	1.7	10
126	Interconversion and Hydrolysis of 1-[(2'S)-2',3'-Dihydroxypropyl]cytosine Analogues of Isomeric Dinucleoside Monophosphates, 2',5'-CpA and 3',5'-CpA.. <i>Acta Chemica Scandinavica</i> , 1993, 47, 622-625.	0.7	7

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127	Hydrolysis of 2'- and 3'-C-methyluridine 2',3'-cyclic monophosphates and interconversion and dephosphorylation of the resulting 2'- and 3'-monophosphates: comparison with the reactions of uridine monophosphates.. <i>Journal of Organic Chemistry</i> , 1992, 57, 4122-4126.	1.7	18
128	Synthesis and Physico-chemical Properties of Dioxolane Nucleoside Analogues.. <i>Acta Chemica Scandinavica</i> , 1992, 46, 1122-1126.	0.7	13
129	Nucleotides. Part XXXV. Synthesis of 3?-deoxyadenylyl-(2?-5?)-3?-deoxyadenylyl-(2?-?)9-(?-hydroxyalkyl)adenines. <i>Helvetica Chimica Acta</i> , 1991, 74, 887-891.	1.0	7
130	Substrate Properties of C ² -Methylnucleoside and C ² -Methyl-2 ^{deoxynucleoside} 5 ^{Triphosphates} in RNA and DNA Synthesis Reactions Catalysed by RNA and DNA Polymerases. <i>Nucleosides & Nucleotides</i> , 1991, 10, 339-343.	0.5	7
131	Hexopyranosylnucleoside 6'-triphosphates are not substrates for DNA polymerases. <i>Nucleic Acids Symposium Series</i> , 1991, , 17-8.	0.3	0
132	Transient protection in nucleoside synthesis using trityl groups: is it necessary to block hydroxyl groups?. <i>Carbohydrate Research</i> , 1990, 203, 324-329.	1.1	12
133	Syntheses of 3'-C-methyl-2'-deoxypyrimidine nucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 1990, 55, 25-28.	1.0	1
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147	Convenient Synthesis of Partially Blocked Oxidized-Reduced Nucleosides. <i>Synthesis</i> , 1985, 1985, 399-400.	1.2	15
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159	Synthesis and CD spectrum of adenosine 5'-phosphate bis[9-(4'-hydroxybutyl)adenine-4'] ester. <i>Collection of Czechoslovak Chemical Communications</i> , 1975, 40, 2191-2194.	1.0	1
160	Synthesis of modified terminator (UGA) and initiator (AUG) codons containing some hydroxyalkyl analogues of nucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 1975, 40, 2353-2363.	1.0	4
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164	Synthesis of deoxyuridylyl-(3'â†'5')-ribonucleoside [P-(2-hydroxyethyl) esters]. Collection of Czechoslovak Chemical Communications, 1975, 40, 3739-3742.	1.0	4
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