Chris Meier

List of Publications by Year
in descending order

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137	3,185	172457	214800
papers	citations	29 h-index	47 g-index

151	151	151	2346
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid incorporation of Favipiravir by the fast and permissive viral RNA polymerase complex results in SARS-CoV-2 lethal mutagenesis. Nature Communications, 2020, 11, 4682.	12.8	210
2	cycloSal-2â€˜,3â€˜-dideoxy-2â€˜,3â€˜-didehydrothymidine Monophosphate (cycloSal-d4TMP):Â Synthesis and Antiviral Evaluation of a New d4TMP Delivery System. Journal of Medicinal Chemistry, 1998, 41, 1417-1427.	6.4	123
3	cycloSal-Pronucleotides of 2â€˜,3â€˜-Dideoxyadenosine and 2â€˜,3â€˜-Dideoxy-2â€˜,3â€˜-didehydroadenosine:Â Synthesis and Antiviral Evaluation of a Highly Efficient Nucleotide Delivery System. Journal of Medicinal Chemistry, 1999, 42, 1604-1614.	6.4	91
4	Synthesis of Nucleoside Di- and Triphosphates and Dinucleoside Polyphosphates with cycloSal-Nucleotides. Journal of Organic Chemistry, 2009, 74, 3024-3030.	3.2	87
5	Cytosolic and mitochondrial deoxyribonucleotidases: activity with substrate analogs, inhibitors and implications for therapy. Biochemical Pharmacology, 2003, 66, 471-479.	4.4	85
6	Bioreversible Protection of Nucleoside Diphosphates. Angewandte Chemie - International Edition, 2008, 47, 8719-8722.	13.8	85
7	cyclo Sal Phosphates as Chemical Trojan Horses for Intracellular Nucleotide and Glycosylmonophosphate Delivery â€" Chemistry Meets Biology. European Journal of Organic Chemistry, 2006, 2006, 1081-1102.	2.4	80
8	cycloSal-Pronucleotides of 2â€˜-Fluoro-ara- and 2â€˜-Fluoro-ribo-2â€˜,3â€˜- dideoxyadenosine as a Strategy to Bypass a Metabolic Blockade. Journal of Medicinal Chemistry, 1999, 42, 1615-1624.	6.4	72
9	Lipophilic prodrugs of nucleoside triphosphates as biochemical probes and potential antivirals. Nature Communications, 2015, 6, 8716.	12.8	65
10	HN1L/JPT2: A signaling protein that connects NAADP generation to Ca ²⁺ microdomain formation. Science Signaling, 2021, 14, .	3.6	60
11	ORAI1, STIM1/2, and RYR1 shape subsecond Ca ²⁺ microdomains upon T cell activation. Science Signaling, 2018, 11, .	3.6	59
12	cycloSal-Pronucleotides - Design of Chemical Trojan Horses. Mini-Reviews in Medicinal Chemistry, 2002, 2, 219-234.	2.4	58
13	2-Nucleos-5â€²-O-yl-4H-1,3,2-benzodioxaphos-phinin-2-oxidesâ€"A New Concept for Lipophilic, Potential Prodrugs of Biologically Active Nucleoside Monophosphates. Angewandte Chemie International Edition in English, 1996, 35, 70-72.	4.4	57
14	Membraneâ€permeable Triphosphate Prodrugs of Nucleoside Analogues. Angewandte Chemie - International Edition, 2016, 55, 5255-5258.	13.8	57
15	Cyclic saligenyl phosphotriesters of 2â€²,3â€²-dideoxy-2â€²,3â€²-didehydrothymidine (d4T) â€" a new pro-nucleotide approach. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 99-104.	2.2	55
16	Enzymatically ActivatedcycloSal-d4T-monophosphates:Â The Third Generation ofcycloSal-Pronucleotides. Journal of Medicinal Chemistry, 2007, 50, 1658-1667.	6.4	50
17	Cyclosaligenyl-2â€²,3â€²-didehydro-2â€²,3â€²-dideoxythymidine Monophosphate: Efficient Intracellular Delivery of d4TMP. Molecular Pharmacology, 2000, 58, 928-935.	2.3	50
18	Nucleoside diphosphate and triphosphate prodrugs â€" An unsolvable task?. Antiviral Chemistry and Chemotherapy, 2017, 25, 69-82.	0.6	49

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19	Nucleotide Delivery fromcycloSaligenyl-3â€²-azido-3â€²-deoxythymidine Monophosphates (cycloSal-AZTMP). European Journal of Organic Chemistry, 1998, 1998, 837-846.	2.4	48
20	Nucleoside Diphosphate Prodrugs: Nonsymmetric DiPPro-Nucleotides. Journal of Medicinal Chemistry, 2015, 58, 6114-6130.	6.4	47
21	Efficient Synthesis of Nucleoside Diphosphate Glycopyranoses. Angewandte Chemie - International Edition, 2008, 47, 1500-1502.	13.8	38
22	Mouse Siglec-1 Mediates trans-Infection of Surface-bound Murine Leukemia Virus in a Sialic Acid N-Acyl Side Chain-dependent Manner. Journal of Biological Chemistry, 2015, 290, 27345-27359.	3.4	38
23	The DiPPro Approach: Synthesis, Hydrolysis, and Antiviral Activity of Lipophilic d4T Diphosphate Prodrugs. ChemMedChem, 2014, 9, 762-775.	3.2	37
24	CycloSal-BVDUMP Pronucleotides:Â How to Convert an Antiviral-Inactive Nucleoside Analogue into a Bioactive Compound against EBV. Journal of Medicinal Chemistry, 2002, 45, 5157-5172.	6.4	36
25	ADA-Bypass by lipophilic cycloSal-ddAMP pro-nucleotides A second example of the efficiency of the cycloSal-Concept. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 1577-1582.	2.2	34
26	Reliable Synthesis of Various Nucleoside Diphosphate Glycopyranoses. Chemistry - A European Journal, 2009, 15, 7656-7664.	3.3	33
27	Solidâ€Phase Synthesis of (Poly)phosphorylated Nucleosides and Conjugates. Chemistry - A European Journal, 2011, 17, 9832-9842.	3.3	33
28	Prodrugs of the Phosphoribosylated Forms of Hydroxypyrazinecarboxamide Pseudobase T-705 and Its De-Fluoro Analogue T-1105 as Potent Influenza Virus Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 6193-6210.	6.4	32
29	Bis-cycloSal-d4T-monophosphates:â€‰ Drugs That Deliver Two Molecules of Bioactive Nucleotides. Journal of Medicinal Chemistry, 2007, 50, 1335-1346.	6.4	31
30	cycloSal-PMEA and cycloAmb-PMEA:â€‰ Potentially New Phosphonate Prodrugs Based on the cycloSal-Pronucleotide Approach. Journal of Medicinal Chemistry, 2005, 48, 8079-8086.	6.4	30
31	Diastereoselective Synthesis of Aryloxy Phosphoramidate Prodrugs of 3â€²-Deoxy-2â€²,3â€²-didehydrothymidine Monophosphate. Journal of Medicinal Chemistry, 2010, 53, 7675-7681.	6.4	30
32	Synthesis of Tâ€705â€Ribonucleoside and Tâ€705â€Ribonucleotide and Studies of Chemical Stability. ChemMedChem, 2017, 12, 652-659.	3.2	30
33	Influence of theN3-Protection Group onN1- vs.O2-Alkylation in the Mitsunobu Reaction. European Journal of Organic Chemistry, 2006, 2006, 941-946.	2.4	29
34	Anti-HIV-Active Nucleoside Triphosphate Prodrugs. Journal of Medicinal Chemistry, 2020, 63, 6003-6027.	6.4	28
35	Dual NADPH oxidases DUOX1 and DUOX2 synthesize NAADP and are necessary for Ca ²⁺ signaling during T cell activation. Science Signaling, 2021, 14, eabe3800.	3.6	28
36	N-acetoxy-4-methoxyaniline, a model compound for the ultimate carcinogen of the phenacetin belated 4-ethoxyaniline. Tetrahedron Letters, 1990, 31, 1693-1696.	1.4	27

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37	Antiviral Activity of Cyclosaligenyl Prodrugs of Acyclovir, Carbovir and Abacavir. Antiviral Chemistry and Chemotherapy, 2001, 12, 301-306.	0.6	27
38	Chemical Synthesis and Enzymatic Testing of CMPâ€Sialic Acid Derivatives. ChemBioChem, 2012, 13, 2605-2615.	2.6	26
39	Nucleoside Monoâ€•and Diphosphate Prodrugs of 2â€²,3â€²â€Dideoxyuridine and 2â€²,3â€²â€Dideoxyâ€2â€²,3â€²â€didehydrouridine. ChemMedChem, 2015, 10, 94-106.	3.2	26
40	Interaction of cycloSal-Pronucleotides with Cholinesterases from Different Origins. A Structureâ^'Activity Relationship. Journal of Medicinal Chemistry, 2004, 47, 2839-2852.	6.4	25
41	Cell line-dependent activation and antiviral activity of T-1105, the non-fluorinated analogue of T-705 (favipiravir). Antiviral Research, 2019, 167, 1-5.	4.1	25
42	2â€Nucleosâ€5â€²â€‹Oâ€ylâ€4‹i›H‹/i›â€‹1,3,2â€‹benzodioxaphosphininâ€2â€‹oxideâ€"ein neues Konzept fÃ¼r lipophile, potentielle Prodrugs biologisch' aktiver Nucleosidmonophosphate. Angewandte Chemie, 1996, 108, 77-79.	2.0	24
43	Inhibitory effect of cycloSaligenyl-nucleoside monophosphates (cycloSal-NMP) of acyclic nucleoside analogues on HSV-1 and EBV. Antiviral Research, 2000, 45, 69-77.	4.1	24
44	Second-GenerationcycloSal-d4TMP Pronucleotides Bearing Esterase-Cleavable Sites â€" The â€œTrappingâ€• Concept. European Journal of Organic Chemistry, 2006, 2006, 197-206.	2.4	24
45	5-(1-Acetoxyvinyl)-‹i›cyclo‹/i›Saligenyl-2â€²,3â€²-dideoxy-2â€²,3â€²- didehydrothymidine Monophosphates, a Second Type of New, Enzymatically Activated ‹i›cyclo‹/i›Saligenyl Pronucleotides. Journal of Medicinal Chemistry, 2008, 51, 8115-8123.	6.4	23
46	A convenient synthesis of nucleoside diphosphate glycopyranoses and other polyphosphorylated bioconjugates. European Journal of Cell Biology, 2010, 89, 63-75.	3.6	23
47	SAMHD1 enhances nucleoside-analogue efficacy against HIV-1 in myeloid cells. Scientific Reports, 2017, 7, 42824.	3.3	23
48	Intracellular Trapping of ‹i›cyclo‹/i›Sal-Pronucleotides: Modification of Prodrugs with Amino Acid Esters. Journal of Medicinal Chemistry, 2008, 51, 6592-6598.	6.4	22
49	Studies on Enzyme-Cleavable Dialkoxymethyl-cycloSaligenyl-2â€²,3â€²-dideoxy-2â€²,3â€²-didehydrothymidine Monophosphates. Journal of Medicinal Chemistry, 2008, 51, 6752-6760.	6.4	22
50	Aryl-Substituted and Benzo-Annulated‹i›Cyclo‹/i›Sal-Derivatives of 2â€²,3â€²-Dideoxy-2â€²,3â€²-Didehydrothymidine Monophosphate â€" Correlation of Structure, Hydrolysis Properties and Anti-HIV Activity. Antiviral Chemistry and Chemotherapy, 2002, 13, 129-141.	0.6	20
51	â€œLock-inâ€•cycloSal-Pronucleotides - A New Generation of Chemical Trojan Horses?. Mini-Reviews in Medicinal Chemistry, 2004, 4, 383-94.	2.4	20
52	Synthesis and Properties of Oligonucleotides Containing C8-Deoxyguanosine Arylamine Adducts of Borderline Carcinogensâ€. Journal of Organic Chemistry, 2006, 71, 9728-9738.	3.2	20
53	Synthesis of Nonnatural Nucleoside Diphosphate Sugars. European Journal of Organic Chemistry, 2011, 2011, 6304-6313.	2.4	19
54	Prodrugs of Î³â€Alkylâ€Modified Nucleoside Triphosphates: Improved Inhibition of HIV Reverse Transcriptase. Angewandte Chemie - International Edition, 2020, 59, 22063-22071.	13.8	19

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55	Highly Efficient Synthesis of a Phosphoramidite Building Block of C8-Deoxyguanosine Adducts of Aromatic Amines. Synlett, 2002, 2002, 0802-0804.	1.8	18
56	Synthesis of DNA Strands Siteâ€Specifically Damaged by C8â€Arylamine Purine Adducts and Effects on Various DNA Polymerases. Chemistry - A European Journal, 2008, 14, 11194-11208.	3.3	18
57	Doubly Loaded cycloSaligenyl-Pronucleotides â€“ 5,5â€²-Bis-(cycloSaligenyl-2â€²,3â€²-dideoxy-2â€²,3â€²-didehydrothymidine Monophosphates). Journal of Medicinal Chemistry, 2009, 52, 3464-3473.	6.4	18
58	cycloSaligenyl-mannose-1-monophosphates as a New Strategy in CDG-Ia Therapy: Hydrolysis, Mechanistic Insights and Biological Activity. European Journal of Organic Chemistry, 2004, 2004, 1228-1235.	2.4	17
59	Second Generation of cycloSalâ€Pronucleotides with Esteraseâ€Cleavable Sites: The â€Lockâ€Inâ€â€Concept. Nucleosides, Nucleotides and Nucleic Acids, 2004, 23, 89-115.	1.1	17
60	Stereoselective Synthesis and Antiviral Activity of Methyl-Substituted cycloSal-Pronucleotides. Journal of Medicinal Chemistry, 2012, 55, 7245-7252.	6.4	17
61	Adenine nucleotides as paracrine mediators and intracellular second messengers in immunity and inflammation. Biochemical Society Transactions, 2019, 47, 329-337.	3.4	17
62	Efficient Automated Solidâ€Phase Synthesis of DNA and RNA 5â€²â€Triphosphates. Chemistry - A European Journal, 2015, 21, 16421-16426.	3.3	16
63	Nâ€Arylâ€Oâ€(Î±â€aminoacyl)hydroxylamine: Modellreaktionen mit Desoxyguanosin, Guanosin und 5â€²â€Guanosinmonophosphat zur Aktivierung monocyclischer aromatischer Amine (z. B. Phenacetin) zu ultimaten Carcinogenen. Chemische Berichte, 1990, 123, 1699-1705.	0.2	15
64	Membrane Permeable, Bioreversibly Modified Prodrugs of Nucleoside Diphosphate-Î³-Phosphonates. Journal of Medicinal Chemistry, 2020, 63, 11990-12007.	6.4	15
65	Î³â€Nonâ€Symmetrically Dimasked TriPPPro Prodrugs as Potential Antiviral Agents against HIV. ChemMedChem, 2021, 16, 499-512.	3.2	15
66	The modification of guanine nucleosides and nucleotides by the borderline arylamine carcinogens 4-methyl- and 4-methoxyaniline: chemishy and structural characterization. Carcinogenesis, 1991, 12, 1633-1640.	2.8	14
67	The Nucleoside Analogue D-carba T Blocks HIV-1 Reverse Transcription. Journal of Medicinal Chemistry, 2009, 52, 5356-5364.	6.4	14
68	Preventing Fusarium Head Blight of Wheat and Cob Rot of Maize by Inhibition of Fungal Deoxyhypusine Synthase. Molecular Plant-Microbe Interactions, 2011, 24, 619-627.	2.6	14
69	Diastereoselective Synthesis of cycloSaligenylâ€Nucleosylâ€Phosphotriesters. Chemistry - A European Journal, 2011, 17, 1649-1659.	3.3	14
70	Fluorescently Labeled Substrates for Monitoring Î±1,3â€Fucosyltransferaseâ€…IX Activity. Chemistry - A European Journal, 2013, 19, 17379-17390.	3.3	14
71	Lipophilic Triphosphate Prodrugs of Various Nucleoside Analogues. Journal of Medicinal Chemistry, 2020, 63, 6991-7007.	6.4	14
72	3,5-Di-(tert-Butyl)-6-fluoro-cycloSal-d4TMPâ€™ A Pronucleotide with a Considerably Improved Masking Group. European Journal of Organic Chemistry, 2003, 2003, 4786-4791.	2.4	13

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73	Cyclosal-pronucleotides - development of first and second generation chemical trojan horses for antiviral chemotherapy. Frontiers in Bioscience - Landmark, 2004, 9, 873.	3.0	13
74	Synthesis of 2â€²,3â€²â€Modified Carbocyclic <scp>L</scp>â€Nucleoside Analogues. European Journal of Organic Chemistry, 2011, 2011, 1702-1713.	2.4	13
75	Bis(benzoyloxybenzyl)â€DiPPro Nucleoside Diphosphates of Antiâ€HIV Active Nucleoside Analogues. ChemMedChem, 2015, 10, 891-900.	3.2	13
76	Cyclo-saligenyl-5-fluoro-2â€²-deoxyuridinemonophosphate (cycloSal-FdUMP) â€" A New Prodrug Approach for FdUMP. Nucleosides & Nucleotides, 1997, 16, 1307-1310.	0.5	12
77	Anti-BK Virus Activity of Nucleoside Analogs. Antimicrobial Agents and Chemotherapy, 2008, 52, 1519-1521.	3.2	12
78	Synthesis of <scp>L</scp>â€Altrose and Some Derivatives. European Journal of Organic Chemistry, 2012, 2012, 6260-6270.	2.4	12
79	Synthesis of Siteâ€Specific Damaged DNA Strands by 8â€(Acetylarylamino)â€2â€²â€deoxyguanosine Adducts and Effects on Various DNA Polymerases. European Journal of Organic Chemistry, 2013, 2013, 1158-1169.	2.4	12
80	Membraneâ€permeable Triphosphate Prodrugs of Nucleoside Analogues. Angewandte Chemie, 2016, 128, 5341-5344.	2.0	12
81	Biperiden and mepazine effectively inhibit MALT1 activity and tumor growth in pancreatic cancer. International Journal of Cancer, 2020, 146, 1618-1630.	5.1	12
82	cycloSaligenyl-5-[(E)-2-bromovinyl]-2â€²-deoxyuridine Monophosphate (cycloSal-BVDUMP) Pronucleotides Active against Epstein-Barr Virus. ChemBioChem, 2001, 2, 283-285.	2.6	11
83	cycloSal-d4TMP Pronucleotides-Structural Variations, Mechanistic Insights and Antiviral Activity. Current Topics in Medicinal Chemistry, 2002, 2, 1111-1121.	2.1	11
84	Comparative Study of Bis(Benzyl)Phosphate Triesters of 2â€²,3â€²-Dideoxy-2â€²,3â€²-Didehydrothymidine (d4T) andCycloSal-d4TMP â€" Hydrolysis, Mechanistic Insights and Anti-HIV Activity. Antiviral Chemistry and Chemotherapy, 2002, 13, 101-114.	0.6	11
85	N- (Î±-aminoacyloxy)-N-arylamines: Activation of aromatic amines to ultimate carcinogens by amino acids. Tetrahedron Letters, 1990, 31, 1685-1688.	1.4	10
86	Evidence for Cyclophosphate Formation During Hydrolysis of 3-Methyl-cycloSal-PCVMP. Nucleosides & Nucleotides, 1999, 18, 943-944.	0.5	10
87	Phosphoramidite Chemistry for the Synthesis ofcycloSal-Pro-Nucleotides. Nucleosides & Nucleotides, 1999, 18, 941-942.	0.5	10
88	Linear Synthesis of Chiral cycloSalâ€Pronucleotides. European Journal of Organic Chemistry, 2011, 2011, 4397-4408.	2.4	10
89	Stereoselective Synthesis of <scp>D</scp>â€and <scp>L</scp>â€Carbocyclic Nucleosides by Enzymatically Catalyzed Kinetic Resolution. Chemistry - A European Journal, 2012, 18, 11046-11062.	3.3	10
90	In silico Design, Synthesis, and Screening of Novel Deoxyhypusine Synthase Inhibitors Targeting HIVâ€1 Replication. ChemMedChem, 2014, 9, 940-952.	3.2	10

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91	Î³-Ketobenzyl-Modified Nucleoside Triphosphate Prodrugs as Potential Antivirals. Journal of Medicinal Chemistry, 2020, 63, 13745-13761.	6.4	10
92	Cyclo-saligenyl-2â€²,3â€²-dideoxy-2â€²,3â€²-didehydroythymidinemonophosphate (cycloSal-d4TMP) â€" A New Pro-Nucleotide Approach. Nucleosides & Nucleotides, 1997, 16, 1303-1306.	0.5	9
93	Synthesis and Antiviral Evaluation of Carbocyclic 3â€²-Azidothymidine (AZT) Analogues and TheircycloSal-Phosphate Triesters. European Journal of Organic Chemistry, 2006, 2006, 932-940.	2.4	9
94	New and Efficient Synthesis of Racemic Cyclopent-3-en-1-yl Nucleoside Analogues and Their Derivatives. Collection of Czechoslovak Chemical Communications, 2006, 71, 1011-1028.	1.0	9
95	Evaluation of deoxyhypusine synthase inhibitors targeting BCR-ABL positive leukemias. Investigational New Drugs, 2012, 30, 2274-2283.	2.6	9
96	Synthesis of C8â€ArylamineâEModified 2â€²â€Deoxyadenosine Phosphoramidites and their Siteâ€Specific Incorporation into Oligonucleotides. ChemBioChem, 2012, 13, 700-712.	2.6	9
97	Contribution of NAADP to Glutamate-Evoked Changes in Ca2+ Homeostasis in Mouse Hippocampal Neurons. Frontiers in Cell and Developmental Biology, 2020, 8, 496.	3.7	9
98	Formation of Benzooxaphosphole Oxide Heterocyclic System by the Ring-Contractive Arbuzov-Michaelis Isomerization of Alkoxy-Substituted Benzodioxaphosphorins. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 251-259.	1.6	8
99	CycloSal-Pronucleotides of Brivudine Monophosphate - Highly Active Antiviral Agents. Anti-Infective Agents in Medicinal Chemistry, 2005, 4, 317-335.	0.9	8
100	Synthesis and Antiviral Evaluation of TriPPProâ€AbacavirTP, TriPPProâ€CarbovirTP, and Their 1â€²,2â€²â€cisâ€Disubstituted Analogues. ChemMedChem, 2018, 13, 1771-1778.	3.2	8
101	Improving properties of the nucleobase analogs T-705/T-1105 as potential antiviral. Annual Reports in Medicinal Chemistry, 2021, 57, 1-47.	0.9	8
102	Nâ€Arylâ€Oâ€(Î±â€aminoacyl)hydroxylamine: Modellreaktionen zur Aktivierung von monocyclischen aromatischen Aminen zu ultimaten Carcinogenen durch Î±â€AminosÃuren. Chemische Berichte, 1990, 123, 1691-1698.	0.2	7
103	¹Hâ€und ¹³Câ€NMRâ€Konformationsanalysen und Minimalâ€Potentialâ€Energieâ€Rechnungen an Desoxyguanosinâ€, Guanosinâ€und 5â€²â€Guanosinmonophosphatâ€Addukten des Grenzcarcinogens 4â€Methylanilin. Chemische Berichte, 1990, 123, 1707-1713.	0.2	7
104	Synthesis of 3â€²,5â€²-Dithymidylyl-Î±-hydroxyphosphonate Dimer Building Blocks for Oligonucleotide Synthesisâ€"A New Pro-oliguncleotide. Nucleosides & Nucleotides, 1997, 16, 1209-1212.	0.5	7
105	cycloSal-Pronucleotidesâ€"Design of the Concept, Chemistry, and Antiviral Activity. Advances in Antiviral Drug Design, 2003, , 147-213.	0.6	6
106	Synthesis and Properties of FluorescentcycloSal Nucleotides Based on the Pyrimidine Nucleoside m5K and Its 2â€²,3â€²-Dideoxy Analog dm5K. European Journal of Organic Chemistry, 2006, 2006, 924-931.	2.4	6
107	Diastereoselective Synthesis of (Aryloxy)phosphoramidate Prodrugs. European Journal of Organic Chemistry, 2011, 2011, n/a-n/a.	2.4	6
108	Synthesis of Pyranonucleosideâ€6â€²â€triphosphates through the cycloSalâ€Method. European Journal of Organic Chemistry, 2014, 2014, 3423-3429.	2.4	6

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109	Linkerâ€Region Modified Derivatives of the Deoxyhypusine Synthase Inhibitor CNIâ€1493 Suppress HIVâ€1 Replication. Archiv Der Pharmazie, 2016, 349, 91-103.	4.1	6
110	Synthesis of a Bioreversibly Masked Lipophilic Adenosine Diphosphate Ribose Derivative. ChemBioChem, 2017, 18, 1616-1626.	2.6	6
111	Meeting report: 32nd International Conference on Antiviral Research. Antiviral Research, 2019, 169, 104550.	4.1	6
112	Di-ddU-Î±-Hydroxyphosphonate and Î±-Hydroxy- Î±- METHYLPHOSPHONATES as Potential Prodrugs of Antiviral Nucleoside Analogues. Nucleosides & Nucleotides, 1997, 16, 1311-1314.	0.5	5
113	A New and Short Convergent Synthetic Strategy to Carbocyclic Nucleosides. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 935-937.	1.1	5
114	Synthesis and analysis of potential Î±1,3-fucosyltransferase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 6430-6437.	3.0	5
115	Exploring and Exploiting Acceptor Preferences of the Human Polysialyltransferases as a Basis for an Inhibitor Screen. ChemBioChem, 2017, 18, 1332-1337.	2.6	5
116	Stereoselective Synthesis of 1â€²,2â€²-cis-Disubstituted Carbocyclic ribo-Nucleoside Analogues. Synthesis, 2018, 50, 1264-1274.	2.3	5
117	High Content Analysis of Macrophage-Targeting EhPIb-Compounds against Cutaneous and Visceral Leishmania Species. Microorganisms, 2021, 9, 422.	3.6	5
118	Fpmp-Protected Î±-Hydroxyphosphonate Diesters for The Synthesis of Pro-Oligonucleotides. Nucleosides & Nucleotides, 1997, 16, 675-678.	0.5	4
119	Antiviral activity of cyclosaligenyl prodrugs of the nucleoside analogue bromovinyldeoxyuridine against herpes viruses. International Journal of Antimicrobial Agents, 2006, 27, 423-430.	2.5	4
120	Inhibitory Efficacy of CycloSal-Nucleoside Monophosphates of Aciclovir and Brivudin on DNA Synthesis of Orthopoxviruses. Antiviral Chemistry and Chemotherapy, 2006, 17, 25-31.	0.6	4
121	Synthesis of C8â€Nâ€Arylamineâ€Modified 2â€²â€Deoxyguanosineâ€5â€²â€Triphosphates and Their Effects on Primer Extension by DNA Polymerases. ChemBioChem, 2015, 16, 2046-2053.	2.6	4
122	Synthesis of Enantiomerically Pure 1â€²,2â€²-cis-dideoxy, -dideoxydiÂdehydro, -ribo and -deoxy Carbocyclic Nucleoside Analogues. Synthesis, 2018, 50, 2266-2280.	2.3	4
123	Antileishmanial Effects of Synthetic Eh PIb Analogs Derived from the Entamoeba histolytica Lipopeptidephosphoglycan. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	4
124	Divergent Synthesis and Biological Evaluation of Carbocyclic Î±-, iso- and 3â€²-epi-Nucleosides and their Lipophilic Nucleotide Prodrugs. Synthesis, 2006, 2006, 1313-1324.	2.3	3
125	Synthesis of cycloSalâ€(Glycopyranosylâ€6)â€phosphates as Activated Sugar Phosphates. European Journal of Organic Chemistry, 2013, 2013, 6907-6916.	2.4	3
126	New Developments of the â€œLock-inâ€•ModifiedcycloSal-d4TMPs. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1325-1328.	1.1	2

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127	Synthesis of C8-N-Acetylarylamine 2'-dG-adducts and their sitespecifically incorporation into oligonucleotides. Nucleic Acids Symposium Series, 2008, 52, 307-308.	0.3	2
128	Solidâ€Phase Synthesis of DNA and RNA 5â€²â€Oâ€Triphosphates Using cycloSal Chemistry. Current Protocols in Nucleic Acid Chemistry, 2016, 64, 4.67.1-4.67.13.	0.5	2
129	Bacterial RNAP Inhibitors: Synthesis and Evaluation of Prodrugs of Arylâ€ureidothiopheneâ€carboxylic acids. ChemistrySelect, 2017, 2, 11899-11905.	1.5	2
130	Trans-Ned 19-Mediated Antagonism of Nicotinic Acid Adenine Nucleotideâ€"Mediated Calcium Signaling Regulates Th17 Cell Plasticity in Mice. Cells, 2021, 10, 3039.	4.1	2
131	Photocaged and Mixed Photocaged Bioreversibleâ€Protected ATP Derivatives as Tools for the Controlled Release of ATP. European Journal of Organic Chemistry, 2020, 2020, 6776-6789.	2.4	2
132	Carbocyclic L-Nucleoside Analogs as Potential Antiviral Agents. Nucleic Acids Symposium Series, 2008, 52, 615-616.	0.3	1
133	Membrane-Permeable Octanoyloxybenzyl-Masked cNMPs As Novel Tools for Non-Invasive Cell Assays. Molecules, 2018, 23, 2960.	3.8	1
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