Jef Rozenski

List of Publications by Year in descending order

152 papers	3,788 citations	126708 33 h-index	161609 54 g-index
166 all docs	166 docs citations	166 times ranked	4483 citing authors

#	Article	IF	Citations
1	Neurotoxicity of Alzheimer's disease AÎ² peptides is induced by small changes in the AÎ²42 to AÎ²40 ratio. EMBO Journal, 2010, 29, 3408-3420.	3.5	455
2	Interpretation of Oligonucleotide Mass Spectra for Determination of Sequence Using Electrospray Ionization and Tandem Mass Spectrometry. Analytical Chemistry, 1996, 68, 1989-1999.	3.2	189
3	Synthesis, Biological Evaluation, and Structure Analysis of a Series of New 1,5-Anhydrohexitol Nucleosides. Journal of Medicinal Chemistry, 1995, 38, 826-835.	2.9	118
4	A standardized and biocompatible preparation of aggregate-free amyloid beta peptide for biophysical and biological studies of Alzheimer's disease. Protein Engineering, Design and Selection, 2011, 24, 743-750.	1.0	97
5	SOS: A simple interactive program for ab initio oligonucleotide sequencing by mass spectrometry. Journal of the American Society for Mass Spectrometry, 2002, 13, 200-203.	1.2	94
6	The Antimicrobial Compound Xantholysin Defines a New Group of Pseudomonas Cyclic Lipopeptides. PLoS ONE, 2013, 8, e62946.	1.1	84
7	A Novel, Highly Selective Inhibitor of Pestivirus Replication That Targets the Viral RNA-Dependent RNA Polymerase. Journal of Virology, 2006, 80, 149-160.	1.5	78
8	Recognition of threosyl nucleotides by DNA and RNA polymerases. Nucleic Acids Research, 2003, 31, 6221-6226.	6.5	76
9	Synthesis and Anti-BVDV Activity of Acridones As New Potential Antiviral Agents1. Journal of Medicinal Chemistry, 2006, 49, 2621-2627.	2.9	71
10	Synthesis and Evaluation of 5-Substituted 2â€²-deoxyuridine Monophosphate Analogues As Inhibitors of Flavin-Dependent Thymidylate Synthase inMycobacterium tuberculosis. Journal of Medicinal Chemistry, 2011, 54, 4847-4862.	2.9	68
11	Genetic and Functional Characterization of Cyclic Lipopeptide White-Line-Inducing Principle (WLIP) Production by Rice Rhizosphere Isolate Pseudomonas putida RW10S2. Applied and Environmental Microbiology, 2012, 78, 4826-4834.	1.4	67
12	Synthesis and Conformational Study of 3-Hydroxy-4-(Hydroxymethyl)-1-Cyclohexanyl Purines and Pyrimidines. Journal of Organic Chemistry, 1997, 62, 2861-2871.	1.7	66
13	The Small Subunit rRNA Modification Database. Nucleic Acids Research, 2004, 33, D135-D138.	6.5	61
14	Synthesis and evaluation of imidazole-4,5- and pyrazine-2,3-dicarboxamides targeting dengue and yellow fever virus. European Journal of Medicinal Chemistry, 2014, 87, 529-539.	2.6	57
15	Suzuki reactions on chloropyridazinones: an easy approach towards arylated 3(2 H)-pyridazinones. Tetrahedron, 2001, 57, 1323-1330.	1.0	55
16	Promysalin, a Salicylate-Containing Pseudomonas putida Antibiotic, Promotes Surface Colonization and Selectively Targets Other Pseudomonas. Chemistry and Biology, 2011, 18, 1320-1330.	6.2	53
17	Application of the Mitsunobu-Type Condensation Reaction to the Synthesis of Phosphonate Derivatives of Cyclohexenyl and Cyclohexanyl Nucleosides. Journal of Organic Chemistry, 1995, 60, 1531-1537.	1.7	51
18	Synthesis and Structure-Activity Relationships of Analogs of 2'-Deoxy-2'-(3-methoxybenzamido)adenosine, a Selective Inhibitor of Trypanosomal Glycosomal Glyceraldehyde-3-phosphate Dehydrogenase. Journal of Medicinal Chemistry, 1995, 38, 3838-3849.	2.9	48

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19	Phosphonomethyl Oligonucleotides as Backbone-Modified Artificial Genetic Polymers. Journal of the American Chemical Society, 2018, 140, 6690-6699.	6.6	48
20	Modification of the universally unmodified uridine-33 in a mitochondria-imported edited tRNA and the role of the anticodon arm structure on editing efficiency. Rna, 2002, 8, 752-761.	1.6	47
21	Noncanonical DNA polymerization by aminoadenine-based siphoviruses. Science, 2021, 372, 520-524.	6.0	46
22	Synthesis and Antiviral Activity of the Î±-Analogues of 1,5-Anhydrohexitol Nucleosides (1,5-Anhydro-2,3-dideoxy-d-ribohexitol Nucleosides). Journal of Organic Chemistry, 1997, 62, 2442-2447.	1.7	42
23	Synthesis of 2,4-dideoxy-.beta.-D-erythro-hexopyranosyl nucleosides. Journal of Organic Chemistry, 1993, 58, 2977-2982.	1.7	41
24	Biological effects of hexitol and altritol-modified siRNAs targeting B-Raf. European Journal of Pharmacology, 2009, 606, 38-44.	1.7	40
25	Chemical Morphing of DNA Containing Four Noncanonical Bases. Angewandte Chemie - International Edition, 2016, 55, 7515-7519.	7.2	40
26	Synthesis and antiviral activity of phosphonate derivatives of enantiomeric dihydro-2H-pyranyl nucleosides. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 1115-1118.	1.0	39
27	Synthesis of homo-N-nucleosides, a series of C1' branched-chain nucleosides. Tetrahedron, 1996, 52, 5563-5578.	1.0	38
28	An Efficient Synthesis and Physico-Chemical Properties OF 2'-O-d-Ribofuranosylnuleosides, Minor tRNA Components. Journal of Carbohydrate Chemistry, 1997, 16, 75-92.	0.4	37
29	Molecular Plasticity Regulates Oligomerization and Cytotoxicity of the Multipeptide-length Amyloid-Î² Peptide Pool. Journal of Biological Chemistry, 2012, 287, 36732-36743.	1.6	37
30	Optimization of Isothiazolo[4,3-b]pyridine-Based Inhibitors of Cyclin G Associated Kinase (GAK) with Broad-Spectrum Antiviral Activity. Journal of Medicinal Chemistry, 2018, 61, 6178-6192.	2.9	36
31	Synthesis of protected D-altritol nucleosides as building blocks for oligonucleotide synthesis. Tetrahedron, 1999, 55, 6527-6546.	1.0	35
32	MccE Provides Resistance to Protein Synthesis Inhibitor Microcin C by Acetylating the Processed Form of the Antibiotic. Journal of Biological Chemistry, 2010, 285, 12662-12669.	1.6	35
33	Post-transcriptional modification mapping in the Clostridium acetobutylicum 16S rRNA by mass spectrometry and reverse transcriptase assays. Nucleic Acids Research, 2007, 35, 3494-3503.	6.5	34
34	Synthetic strategy and antiviral evaluation of diamide containing heterocycles targeting dengue and yellow fever virus. European Journal of Medicinal Chemistry, 2016, 121, 158-168.	2.6	34
35	Chemical incorporation of 1-methyladenosine into oligonucleotides. Nucleic Acids Research, 2002, 30, 1124-1131.	6.5	32
36	Detection of RNA Hybridization by Pyreneâ€Łabeled Probes. ChemBioChem, 2009, 10, 1175-1185.	1.3	32

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37	Enantioselective Approach to the Synthesis of Cyclohexane Carbocyclic Nucleosides. Journal of Organic Chemistry, 1998, 63, 3051-3058.	1.7	31
38	Synthesis and Base Pairing Properties of 1â€²,5â€²â€Anhydroâ€<scp>L</scp>â€Hexitol Nucleic Acids (<scp>L</scp>â€HNA). Chemistry - A European Journal, 2009, 15, 10121-10131.	1.7	30
39	Synthesis and antiviral activity of acyclic analogues of 1,5-anhydrohexitol nucleosides using Mitsunobu reaction. Tetrahedron, 1996, 52, 13655-13670.	1.0	28
40	Synthesis and Stability of Oligonucleotides Containing Acyclic Achiral Nucleoside Analogues with Two Base Moieties. Organic Letters, 2004, 6, 51-54.	2.4	28
41	Substituted 5-benzyl-2-phenyl-5H-imidazo[4,5-c]pyridines: A new class of pestivirus inhibitors. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5345-5349.	1.0	28
42	In search of flavivirus inhibitors: Evaluation of different tritylated nucleoside analogues. European Journal of Medicinal Chemistry, 2013, 65, 249-255.	2.6	28
43	Characterization of Peptide Chain Length and Constituency Requirements for YejABEF-Mediated Uptake of Microcin C Analogues. Journal of Bacteriology, 2011, 193, 3618-3623.	1.0	27
44	Aminopurine and aminoquinazoline scaffolds for development of potential dengue virus inhibitors. European Journal of Medicinal Chemistry, 2017, 126, 101-109.	2.6	27
45	DNA-Binding Ligands from Peptide Libraries Containing Unnatural Amino Acids. Chemistry - A European Journal, 1998, 4, 425-433.	1.7	26
46	N6-Cyclopentyl-3â€˜-substituted-xylofuranosyladenosines:Â A New Class of Non-Xanthine Adenosine A1Receptor Antagonists. Journal of Medicinal Chemistry, 1997, 40, 3765-3772.	2.9	25
47	Synthesis and Properties of Aminopropyl Nucleic Acids. ChemBioChem, 2005, 6, 2298-2304.	1.3	25
48	In search of Flavivirus inhibitors part 2: Tritylated, diphenylmethylated and other alkylated nucleoside analogues. European Journal of Medicinal Chemistry, 2014, 76, 98-109.	2.6	25
49	Invading Escherichia coli Genetics with a Xenobiotic Nucleic Acid Carrying an Acyclic Phosphonate Backbone (ZNA). Journal of the American Chemical Society, 2019, 141, 10844-10851.	6.6	25
50	Delivery of Antisense Oligonucleotides Using Cholesterol-Modified Sense Dendrimers and Cationic Lipids. Bioconjugate Chemistry, 2005, 16, 827-836.	1.8	24
51	Proof of concept for the reduction of classical swine fever infection in pigs by a novel viral polymerase inhibitor. Journal of General Virology, 2009, 90, 1335-1342.	1.3	24
52	Identification of a peptide inhibitor against glycosomal phosphoglycerate kinase of Trypanosoma brucei by a synthetic peptide library approach. Bioorganic and Medicinal Chemistry, 1995, 3, 257-265.	1.4	23
53	Extended targeting potential and improved synthesis of Microcin C analogs as antibacterials. Bioorganic and Medicinal Chemistry, 2011, 19, 5462-5467.	1.4	23
54	Rational design of an XNA ligase through docking of unbound nucleic acids to toroidal proteins. Nucleic Acids Research, 2019, 47, 7130-7142.	6.5	23

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55	Oligonucleotides Composed of 2â€˜-Deoxy-1â€˛,5â€˜-anhydro-d-mannitol Nucleosides with a Purine Base Moiety. Journal of Organic Chemistry, 1998, 63, 1574-1582.	1.7	22
56	Oligonucleotides Containing Disaccharide Nucleosides. Helvetica Chimica Acta, 2001, 84, 2387-2397.	1.0	22
57	Determination of Nearest Neighbors in Nucleic Acids by Mass Spectrometry. Analytical Chemistry, 1999, 71, 1454-1459.	3.2	21
58	Synthesis and Conformational Analysis of 2?-Deoxy-2?-(3-methoxybenzamido)adenosine, a rational-designed inhibitor of trypanosomal glyceraldehyde phosphate dehydrogenase (GAPDH). Helvetica Chimica Acta, 1994, 77, 631-644.	1.0	20
59	Oligonucleotide Analogues with 4-Hydroxy-N-Acetylprolinol as Sugar Substitute. Chemistry - A European Journal, 1997, 3, 1997-2010.	1.7	20
60	Hybridization between â€œSix-Memberedâ€•Nucleic Acids:â€‰ RNA as a Universal Information System. Organic Letters, 2001, 3, 4129-4132.	2.4	19
61	Î±-Homo-DNA and RNA Form a Parallel Oriented Non-A, Non-B-Type Double Helical Structure. Chemistry - A European Journal, 2001, 7, 5183-5194.	1.7	19
62	Base pairing involving artificial bases in vitro and in vivo. Chemical Science, 2016, 7, 995-1010.	3.7	19
63	Base substituted 5â€²-O-(N-isoleucyl)sulfamoyl nucleoside analogues as potential antibacterial agents. Bioorganic and Medicinal Chemistry, 2014, 22, 2875-2886.	1.4	18
64	Improved Synthesis of Anhydrohexitol Building Blocks for Oligonucleotide Synthesis. Liebigs Annalen, 1997, 1997, 1453-1461.	0.8	17
65	Astemizole analogues with reduced hERG inhibition as potent antimalarial compounds. Bioorganic and Medicinal Chemistry, 2017, 25, 6332-6344.	1.4	17
66	Straightforward Synthesis of Labeled and Unlabeled Pyrimidine d4Ns via 2â€²,3â€²-Diyne seco Analogues through Olefin Metathesis Reactions. European Journal of Organic Chemistry, 2003, 2003, 666-671.	1.2	16
67	Synthesis of Peptidoglycan Units with UDP at the Anomeric Position. Collection of Czechoslovak Chemical Communications, 2005, 70, 1615-1641.	1.0	16
68	Isothiazolo[4,3-b]pyridines as inhibitors of cyclin G associated kinase: synthesis, structureâ€“activity relationship studies and antiviral activity. MedChemComm, 2015, 6, 1666-1672.	3.5	16
69	Synthesis of a new branched chain hexopyranosyl nucleoside: 1-[2â€²,3â€²-dideoxy-3â€²-C-(hydroxymethyl)-Î±-D-erythro-pentopyranosyl]-thymine. Tetrahedron, 1994, 50, 1189-1198.	1.0	15
70	Stereocontrolled synthesis of phosphonate derivatives of tetrahydro- and dihydro-2H-pyranyl nucleosides: The selectivity of the Ferrier rearrangement. Tetrahedron: Asymmetry, 1995, 6, 973-984.	1.8	15
71	Conjugation of Oligonucleotides to 3â€²â€Polar Moieties. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1995, 104, 717-720.	0.0	15
72	Synthesis and Properties of O-Î²-D-Ribofuranosyl-(1â€³-2â€²)-Adenosine-5â€³-O-Phosphate and Its Derivatives. Nucleosides, Nucleotides and Nucleic Acids, 2000, 19, 1847-1859.	0.4	14

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73	Selection of New Sequence-Selective Unnatural Peptides Binding to Double-Stranded Deoxyribonucleic Acids (dsDNA) by Means of a Gel-Retardation Experiment for Library Analysis. Helvetica Chimica Acta, 2002, 85, 2258-2283.	1.0	14
74	New dsDNA binding unnatural oligopeptides with pyrimidine selectivity. Bioorganic and Medicinal Chemistry, 2002, 10, 3401-3413.	1.4	14
75	Development of Synthetic Strategies for the Construction of Pyrido[4,3-d]pyrimidine Libraries â€“ the Discovery of a New Class of PDE-4 Inhibitors. European Journal of Organic Chemistry, 2006, 2006, 4257-4269.	1.2	14
76	Pretargeting of necrotic tumors with biotinylated hypericin using 123I-labeled avidin: evaluation of a two-step strategy. Investigational New Drugs, 2012, 30, 2132-2140.	1.2	14
77	5â€²-(N-aminoacyl)-sulfonamido-5â€²-deoxyadenosine: Attempts for a stable alternative for aminoacyl-sulfamoyl adenosines as aaRS inhibitors. European Journal of Medicinal Chemistry, 2015, 93, 227-236.	2.6	14
78	Synthesis and structure-activity studies of novel anhydrohexitol-based Leucyl-tRNA synthetase inhibitors. European Journal of Medicinal Chemistry, 2021, 211, 113021.	2.6	14
79	Oligonucleotides with 3-hydroxy-N-acetylprolinol as sugar substitute. Tetrahedron, 1997, 53, 14957-14974.	1.0	13
80	5â€˜-Deoxy Congeners of 9-(3-Amido-3-deoxy-Î²-d-xylofuranosyl)-N6-cyclopentyladenine:Â New Adenosine A1Receptor Antagonists and Inverse Agonists. Journal of Medicinal Chemistry, 2002, 45, 1845-1852.	2.9	13
81	Synthesis, in vitro cellular uptake and photo-induced antiproliferative effects of lipophilic hypericin acid derivatives. Bioorganic and Medicinal Chemistry, 2005, 13, 6347-6353.	1.4	13
82	Base Pairing Properties of D- and L-Cyclohexene Nucleic Acids (CeNA). Oligonucleotides, 2003, 13, 479-489.	2.7	12
83	Synthesis of enantiomeric-pure cyclohexenyl nucleoside building blocks for oligonucleotide synthesis. Tetrahedron, 2004, 60, 2111-2123.	1.0	12
84	Analysis of nucleosides using the atmospheric-pressure solids analysis probe for ionization. International Journal of Mass Spectrometry, 2011, 304, 204-208.	0.7	12
85	Characterization of insulin-degrading enzyme-mediated cleavage of AÎ² in distinct aggregation states. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 1281-1290.	1.1	12
86	3â€²-Deoxy-3â€²-hydroxymethyl-aldopentopyranosyl nucleoside synthesis. Part I. Tetrahedron, 1995, 51, 5381-5396.	1.0	11
87	Synthesis of RNA ContainingO-Î²-D-Ribofuranosyl-(1â€³ï¿¿2â€²)-adenosine-5â€³-phosphate and 1-Methyladenosine, Minor Components of tRNA. Chemistry and Biodiversity, 2005, 2, 1153-1163.	1.0	11
88	Design and synthesis of nucleolipids as possible activated precursors for oligomer formation via intramolecular catalysis: stability study and supramolecular organization. Journal of Systems Chemistry, 2014, 5, 5.	1.7	11
89	Chemical Morphing of DNA Containing Four Noncanonical Bases. Angewandte Chemie, 2016, 128, 7641-7645.	1.6	11
90	Synthesis, enzymatic stability and physicochemical properties of oligonucleotides containing a N-cyanoguanidine linkage.. Tetrahedron, 1994, 50, 7231-7246.	1.0	10

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91	Recognition of HNA and 1,5-anhydrohexitol nucleotides by DNA metabolizing enzymes. BBA - Proteins and Proteomics, 2002, 1597, 115-122.	2.1	10
92	Acylated sulfonamide adenosines as potent inhibitors of the adenylate-forming enzyme superfamily. European Journal of Medicinal Chemistry, 2019, 174, 252-264.	2.6	10
93	Stereospecific synthesis of a pentopyranosyl analogue of d4T monophosphate. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 1199-1202.	1.0	9
94	Characterization of modification sites during peptide synthesis using liquid secondary ion/collision-induced dissociation mass spectrometry and a computer program. Organic Mass Spectrometry, 1994, 29, 654-658.	1.3	9
95	Quantitative Structure-Activity Relationships for Antimicrobial Nitroheterocyclic Drugs. QSAR and Combinatorial Science, 1995, 14, 134-141.	1.4	9
96	Synthesis and Properties of O--D-ribofuranosyl-(1â€³â†’2â€²)-guanosine-5â€³- O-phosphate and Its Derivatives. Helvetica Chimica Acta, 2003, 86, 504-514.	1.0	9
97	Mycobacterium tuberculosis Thymidine Monophosphate Kinase Inhibitors: Biological Evaluation and Conformational Analysis of 2â€²- and 3â€²-Modified Thymidine Analogues. European Journal of Organic Chemistry, 2003, 2003, 2911-2918.	1.2	9
98	Synthesis and Structureâ€“Activity Relationship Studies of Benzo[b][1,4]oxazinâ€3(4 H)â€one Analogues as Inhibitors of Mycobacterial Thymidylate Synthaseâ€…X. ChemMedChem, 2019, 14, 645-662.	1.6	9
99	Overview of inâ€capillary enzymatic reactions using capillary electrophoresis. Electrophoresis, 2022, 43, 57-73.	1.3	9
100	N-Alkylated Aminoacyl sulfamoyladenosines as Potential Inhibitors of Aminoacylation Reactions and Microcin C Analogues Containing D-Amino Acids. PLoS ONE, 2013, 8, e79234.	1.1	9
101	Ways to Improve Insights into Clindamycin Pharmacology and Pharmacokinetics Tailored to Practice. Antibiotics, 2022, 11, 701.	1.5	9
102	2â€²-Deoxyuridines with a 5-Heteroaromatic Substituent: Synthesis and Biological Evaluation. Antiviral Chemistry and Chemotherapy, 1995, 6, 262-270.	0.3	8
103	Synthesis and Antiviral Activity of a Series of New Cyclohexenyl Nucleosides. Antiviral Chemistry and Chemotherapy, 2003, 14, 31-37.	0.3	8
104	Characterization of the Posttranscriptional Modifications in Legionella pneumophila Smallâ€subunit Ribosomal RNA. Chemistry and Biodiversity, 2008, 5, 2640-2653.	1.0	8
105	Incorporation of 5-hydroxytryptophan in oligopeptides. Tetrahedron, 1996, 52, 6965-6972.	1.0	7
106	Synthesis and hybridization properties of inverse oligonucleotides. Nucleic Acids Research, 1997, 25, 3034-3041.	6.5	7
107	Synthesis and Properties of Phosphorylated 3â€²-O-Î²-D-Ribofuranosyl-2â€²-deoxythymidine. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 359-371.	0.4	7
108	Structural Studies of HNA Substrate Specificity in Mutants of an Archaeal DNA Polymerase Obtained by Directed Evolution. Biomolecules, 2020, 10, 1647.	1.8	7

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109	29Si NMR spectra of trimethylsilyl andtert-butyldimethylsilyl derivatives of purines and pyrimidines. Magnetic Resonance in Chemistry, 1998, 36, 55-63.	1.1	6
110	Synthesis of Oligoribonucleotides Containing Pyrimidine 2'-O-[(Hydroxyalkoxy)methyl]ribonucleosides. Collection of Czechoslovak Chemical Communications, 2006, 71, 804-819.	1.0	6
111	Characterization and sequence verification of thiolated deoxyoligonucleotides used for microarray construction. Journal of the American Society for Mass Spectrometry, 2006, 17, 1397-1400.	1.2	6
112	Synthetic dsDNA-Binding Peptides Using Natural Compounds as Model. Helvetica Chimica Acta, 2006, 89, 1194-1219.	1.0	6
113	Phenyltriazole-functionalized sulfamate inhibitors targeting tyrosyl- or isoleucyl-tRNA synthetase. Bioorganic and Medicinal Chemistry, 2020, 28, 115580.	1.4	6
114	Synthesis of 3â€²-fluoromethylthio-, 3â€²-fluoromethylsulfinyl- and 3â€²-fluoromethylsulfonyl-substituted 3â€²-deoxythymidine. Journal of the Chemical Society Perkin Transactions 1, 1994, , 249-255.	0.9	5
115	New dsDNA-Binding Hybrid Molecules Combining an Unnatural Peptide and an Intercalating Moiety. Helvetica Chimica Acta, 2003, 86, 533-547.	1.0	5
116	The effect of addition of carbon powder to samples in liquid secondary ion mass spectrometry: Improved ionization of apolar compounds. Rapid Communications in Mass Spectrometry, 1995, 9, 1499-1501.	0.7	4
117	Screening a Random Pentapeptide Library, Composed of 14 D-Amino Acids, against the COOH-terminal Sequence of Fructose-1,6-bisphosphate Aldolase from Trypanosoma brucei. Journal of Biological Chemistry, 1997, 272, 11378-11383.	1.6	4
118	2,5-Bis-(2-hydroxybenzoylamino)pentanoic acid, a salicylic acid-metabolite isolated from chicken: characterization and independent synthesis. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 335-337.	1.0	4
119	Synthesis and Conformational Properties ofO-Î²-D-Ribofuranosyl-(1â€³-2â€²)-guanosine and (Adenosine)-5â€³-phosphate. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 1109-1111.	0.4	4
120	Cleavage of DNA without loss of genetic information by incorporation of a disaccharide nucleoside. Nucleic Acids Research, 2003, 31, 6758-6769.	6.5	4
121	2â€²-O-Hydroxyalkoxymethylribonucleosides and their Incorporation into Oligoribonucleotides. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1509-1512.	0.4	4
122	A Single Amino Acid Substitution in Therminator DNA Polymerase Increases Incorporation Efficiency of Deoxyxylonucleotides. ChemBioChem, 2018, 19, 2410-2420.	1.3	4
123	In vivo assembly and expression of DNA containing nonâ€canonical bases in the yeast Saccharomyces cerevisiae. ChemBioChem, 2022, , .	1.3	4
124	Synthesis of Related Substances of Cefadroxil. Archiv Der Pharmazie, 1994, 327, 805-807.	2.1	3
125	Screening of a synthetic pentapeptide library composed of d-amino acids against fructose-1,6-biphosphate aldolase. International Journal of Peptide Research and Therapeutics, 1995, 2, 259-260.	0.1	3
126	Characterization of Oligonucleotide Sequence Isomers in Mixtures Using HPLC/MS. Nucleosides & Nucleotides, 1999, 18, 1539-1540.	0.5	3

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127	INCREASED RNA AFFINITY OF HNA ANALOGUES BY INTRODUCING ALKOXY SUBSTITUENTS AT THE C-1 OR C-3 POSITION. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 781-784.	0.4	3
128	Characterization and sequence confirmation of unnatural amino acid containing peptide libraries using electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2002, 16, 982-987.	0.7	3
129	Ribavirin Derivatives with a Hexitol Moiety: Synthesis and Antiviral Evaluation. Antiviral Chemistry and Chemotherapy, 2003, 14, 23-30.	0.3	3
130	Evaluation of Capillary HPLC/Mass Spectrometry as an Alternative Analysis Method for Gel Electrophoresis of Oligonucleotides. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 1513-1516.	0.4	3
131	Synthesis and Biological Evaluation of a Series of New Cyclohexenyl Nucleosides. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 845-847.	0.4	3
132	Synthesis and Properties of Oligonucleotides Containing 2,4-Dihydroxycyclohexyl Nucleosides. Helvetica Chimica Acta, 2005, 88, 3210-3224.	1.0	3
133	ENZYMATIC RESOLUTION AND BASE PAIRING PROPERTIES OF D- AND L-CYCLOHEXENYL NUCLEIC ACIDS (CeNA). Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 993-998.	0.4	3
134	Abl1 inhibitory contaminants leach from plastic tubes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 340-343.	2.5	3
135	Exploring the dNTP -binding site of HIV-1 reverse transcriptase for inhibitor design. European Journal of Medicinal Chemistry, 2021, 225, 113785.	2.6	3
136	Mixed oligonucleotide analogues with an acyclic carbohydrate moiety and a N-cyanoguanidine functionality. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 1203-1206.	1.0	2
137	Amino acids derived from ornithine. International Journal of Peptide Research and Therapeutics, 1995, 2, 206-208.	0.1	2
138	Synthesis of 1,5-Anhydrohexitol Nucleosides as Mimics of AZT, D4T and DDC. Nucleosides & Nucleotides, 1996, 15, 325-335.	0.5	2
139	Fast-atom bombardment mass spectrometric study of SATE Foscarnet prodrugs and of a series of Foscarnet-AZT conjugates. Rapid Communications in Mass Spectrometry, 1997, 11, 1212-1218.	0.7	2
140	Methylated Hexitol Nucleic Acids, Towards Congeners with Improved Antisense Potential. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 1227-1229.	0.4	2
141	Hybridisation Potential of 1',3'-Di-O-methylaltropyranoside Nucleic Acids. Molecules, 2015, 20, 4020-4041.	1.7	2
142	Synthesis and Biological Evaluation of Lipophilic Nucleoside Analogues as Inhibitors of Aminoacyl-tRNA Synthetases. Antibiotics, 2019, 8, 180.	1.5	2
143	Synthesis and Biological Evaluation of 1,3-Dideazapurine-Like 7-Amino-5-Hydroxymethyl-Benzimidazole Ribonucleoside Analogues as Aminoacyl-tRNA Synthetase Inhibitors. Molecules, 2020, 25, 4751.	1.7	2
144	Chemical Incorporation of 1-Methyladenosine, Minor tRNA Component, into Oligonucleotides. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 1113-1115.	0.4	1

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145	Dendritic Nucleotides: Interaction with an Aliphatic Acid Monolayer. Chemistry and Biodiversity, 2008, 5, 1675-1682.	1.0	1
146	5-Hydroxytryptophan as a building block in oligopeptides using Fmoc/tBu SPPS. International Journal of Peptide Research and Therapeutics, 1995, 2, 225-228.	0.1	0
147	Î±â€Amino acids derived from ornithine as building blocks for peptide synthesis. Chemical Biology and Drug Design, 1997, 49, 183-189.	1.2	0
148	Problems and Prospects in the Characterization of Posttranscriptional Modifications in Large RNAs. , 2000, , 531-551.		0
149	Protection of 1-methyladenosine and its chemical incorporation into oligonucleotides. , 2002, , .		0
150	Chemical incorporation of minor tRNA component O-Î²-D-ribofuranosyl-(1''-2')-adenosine-5''-phosphate into oligoribonucleotides. , 2005, , .		0
151	Synthesis and evaluation of 5-substituted-2'-deoxyuridine monophosphate analogues as inhibitors of flavin-dependent thymidylate synthase in Mycobacterium tuberculosis. , 2011, , .		0
152	Discovery of an acyclic nucleoside phosphonate that inhibits Mycobacterium Tuberculosis ThyX based on the binding mode of a 5-alkynyl substrate analogue. , 2014, , .		0