

AndrĀs LiptĀk

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Stereoselective ring-cleavage of 3-O-benzyl- and 2,3-di-O-benzyl-4,6-O-benzylidenehexopyranoside derivatives with the LiAlH ₄ -AlCl ₃ reagent. <i>Carbohydrate Research</i> , 1975, 44, 1-11.	1.1	249
2	Chemo-, stereo- and regioselective hydrogenolysis of carbohydrate benzylidene acetals. Synthesis of benzyl ethers of benzyl 1 \pm -d-, methyl 1 \pm -D-mannopyranosides and benzyl 1 \pm -D-rhamnopyranoside by ring cleavage of benzylidene derivatives with the LiAlH ₄ -AlCl ₃ reagent. <i>Tetrahedron</i> , 1982, 38, 3721-3727.	1.0	66
3	Preparation of carbohydrate isopropylidene derivatives with 2,2-dimethoxypropane in the presence of toluene-p-sulphonic acid. <i>Carbohydrate Research</i> , 1981, 92, 154-156.	1.1	65
4	Synthesis of the monosaccharide units of the O-specific polysaccharide of <i>Shigella sonnei</i> . <i>Tetrahedron</i> , 1997, 53, 4159-4178.	1.0	65
5	Synthesis and 13C-NMR spectroscopic investigations of rhamnobiases. <i>Tetrahedron</i> , 1980, 36, 1261-1268.	1.0	62
6	Synthesis of four structural elements of xylose-containing carbohydrate chains from N-glycoproteins. <i>Carbohydrate Research</i> , 1989, 186, 51-62.	1.1	60
7	Hydrogenolysis of the dioxolan type - and - benzylidene derivatives of carbohydrates with the LiAlH ₄ -AlCl ₃ reagent. <i>Tetrahedron Letters</i> , 1976, 17, 3551-3554.	0.7	51
8	Action pattern and subsite mapping of <i>Bacillus licheniformis</i> α -amylase (BLA) with modified maltooligosaccharide substrates. <i>FEBS Letters</i> , 2002, 518, 79-82.	1.3	49
9	Stereoselective hydrogenolysis of exo- and endo-2,3-benzylidene acetals of hexopyranosides. <i>Carbohydrate Research</i> , 1976, 51, C19-C21.	1.1	47
10	Synthesis of mono- and di-benzyl ethers of benzyl 1 \pm -l-rhamnopyranoside. <i>Carbohydrate Research</i> , 1978, 65, 209-217.	1.1	47
11	The regioselectivity of the reductive ring-cleavage of the acetal ring of 4,6-O-benzylidenehexopyranosides. <i>Carbohydrate Research</i> , 1982, 104, 55-67.	1.1	45
12	Amphiphilic and mesogenic carbohydrates - II. synthesis and Characterisation of mono-o-(n-alkyl)-d-glucose derivatives. <i>Tetrahedron</i> , 1992, 48, 3061-3068.	1.0	45
13	Synthesis of a selectively protected trisaccharide building block that is part of xylose-containing carbohydrate chains from N-glycoproteins. <i>Carbohydrate Research</i> , 1993, 238, 135-145.	1.1	44
14	Hydrogenolysis of benzylidene acetals: synthesis of benzyl 2,3,6,2 α ,3 α ,4 α -hexa-O-benzyl-1 \pm -cellobioside, -maltoside, and -lactoside, benzyl 2,3,4,2 α ,3 α ,4 α -hexa-O-benzyl-1 \pm -allolactoside, and benzyl 2,3,6,2 α ,3 α ,6 α -hexa-O-benzyl-1 \pm -lactoside. <i>Carbohydrate Research</i> , 1976, 52, 17-22.	1.1	43
15	Long-range proton-proton spin-spin couplings through the interglycosidic oxygen and the primary structure of oligosaccharides as studied by 2D-NMR. <i>Journal of the American Chemical Society</i> , 1984, 106, 248-250.	6.6	43
16	Synthesis of p-trifluoroacetamidophenyl 6-deoxy-2-O-3-O-[2-O-methyl-3-O-(2-O-methyl-1 \pm -d-rhamnopyranosyl)-1 \pm -l-fucopyranosyl]-1 \pm -l-rhamnopyranosyl-1 \pm -l-talopyranoside: a spacer armed tetrasaccharide glycopeptidolipid antigen of <i>Mycobacterium avium</i> serovar 20. <i>Carbohydrate Research</i> , 1993, 245, 65-80.	1.1	42
17	Synthesis of chromogenic substrates of α -amylases on a cyclodextrin basis. <i>Carbohydrate Research</i> , 1997, 303, 407-415.	1.1	42
18	Preparation of (2-naphthyl)methylene acetals of glycosides and their hydrogenolytic transformation into 2-naphthylmethyl (NAP) ethers. <i>Tetrahedron Letters</i> , 2000, 41, 4949-4953.	0.7	39

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19	Dioxane-type (2-naphthyl)methylene acetals of glycosides and their hydrogenolytic transformation into 6-O- and 4-O-(2-naphthyl)methyl (NAP) ethers. <i>Tetrahedron</i> , 2002, 58, 5723-5732.	1.0	37
20	Hydrogenolysis of dioxolane-type benzylidene derivatives: a convenient preparation of methyl 2-O-benzyl- and 3-O-benzyl-4,6-O-benzylidene- α -D-mannopyranoside. <i>Carbohydrate Research</i> , 1979, 73, 327-331.	1.1	31
21	^{13}C -N.m.r. relaxation times and chemical shifts of the exo and endo isomers of dioxolane-type benzylidene acetals of carbohydrates: determination of the absolute configuration. <i>Carbohydrate Research</i> , 1977, 58, C7-C9.	1.1	30
22	Synthesis of 2-O- α -, 3-O- α -, 3-O- β -, and 4-O- α -l-rhamnopyranosyl-D-galactose. <i>Carbohydrate Research</i> , 1982, 99, 13-21.	1.1	28
23	Synthesis of some partially substituted methyl α -D- and phenyl 1-thio- α -D-mannopyranosides for the preparation of manno-oligosaccharides. <i>Carbohydrate Research</i> , 1994, 254, 301-309.	1.1	28
24	Synthesis and chiroptical properties of (naphthyl)ethylidene ketals of carbohydrates in solution and solid state. <i>Tetrahedron</i> , 2008, 64, 1676-1688.	1.0	28
25	Acetal migration during koenigs-knorr reactions; isolation of 3-O- and 6-O-(2,3,4,6-tetra-O-acetyl- β -D-glucopyranosyl) derivatives of 1,2:5,6- and 1,2:3,5-di-O-isopropylidene- α -D-glucofuranose. <i>Carbohydrate Research</i> , 1980, 86, 133-136.	1.1	27
26	Retention of the anomeric configuration in the imidate procedure: synthesis of disaccharides containing α -l-rhamnopyranosyl and α -D-mannopyranosyl groups. <i>Carbohydrate Research</i> , 1982, 107, C5-C8.	1.1	27
27	Unambiguous synthesis of (1 \rightarrow 2)- and (1 \rightarrow 3)-rhamnopyranosyl-rhamnopyranose derivatives and their ^{13}C -NMR study. <i>Tetrahedron Letters</i> , 1979, 20, 741-744.	0.7	26
28	Glycosylated trehalose. Synthesis of the oligosaccharides of the glycolipid-type antigens from <i>Mycobacterium smegmatis</i> . <i>Carbohydrate Research</i> , 1987, 164, 313-325.	1.1	26
29	Successful Combination of (Methoxydimethyl)methyl (MIP) and (2-Naphthyl)methyl (NAP) Ethers for the Synthesis of Arabinogalactan-Type Oligosaccharides. <i>Synlett</i> , 2002, 2002, 0887-0890.	1.0	26
30	Pyruvic acetal formation from a pyruvyl thioacetal, catalyzed by methyl triflate, dimethyl(methylthio)sulfonium triflate, or nitroso tetrafluoroborate. <i>Carbohydrate Research</i> , 1988, 184, c5-c8.	1.1	25
31	Anomalous Zemplén deacylation reactions of 2-O-acyl-3-O-alkyl or -3-O-glycosyl derivatives of D-galactose and D-glucose: synthesis of O- α -D-mannopyranosyl-(1 \rightarrow 4)-O- α -l-rhamnopyranosyl-(1 \rightarrow 3)-D-galactose and an intermediate for the preparation of 2-O-glycosyl-3-O-(α -D-mannopyranosyl)-D-glucoses. <i>Carbohydrate Research</i> , 1990, 200, 201-208.	1.1	25
32	Synthesis of 4-O- α -D-galactopyranosyl-l-rhamnose and 4-O- α -D-galactopyranosyl-2-O- β -D-glucopyranosyl-l-rhamnose using dioxolane-type benzylidene acetals as temporary protecting-groups. <i>Carbohydrate Research</i> , 1980, 80, 233-239.	1.1	24
33	An approach to oligosaccharide sequencing: 2D n.m.r. DEPT experiment for detection of interglycosidic ^{13}C - ^1H spin-spin coupling. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 368-370.	2.0	23
34	Sulfonic acid analogues of the sialyl Lewis X tetrasaccharide. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 549-566.	1.8	23
35	A General Method for the Synthesis of Sugar 2-C-Sulfonic Acids by 1 \rightarrow 2 Arylthio Group Migration in Acid-Sensitive Thioglycosides. Direct Transformation of Thiotriyl Ethers into C-Sulfonic Acids. <i>Organic Letters</i> , 2003, 5, 3671-3674.	2.4	23
36	Synthesis and Anticoagulant Activity of Bioisosteric Sulfonic Acid Analogues of the Antithrombin-Binding Pentasaccharide Domain of Heparin. <i>Chemistry - A European Journal</i> , 2012, 18, 10643-10652.	1.7	23

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37	Chemical synthesis of the pyruvic acetal-containing trisaccharide unit of the species-specific glycopeptidolipid from <i>Mycobacterium avium</i> serovariant 8. <i>Carbohydrate Research</i> , 1994, 253, 111-120.	1.1	22
38	Preparation of mixed-acetal derivatives of carbohydrates by acetal-exchange reactions. <i>Carbohydrate Research</i> , 1983, 113, 225-231.	1.1	21
39	Preparation of the pentasaccharide hapten of the GPL of <i>Mycobacterium avium</i> serovar 19 by achieving the glycosylation of a tertiary hydroxyl group. <i>Carbohydrate Research</i> , 2006, 341, 1312-1321.	1.1	21
40	Sulfonomethyl analogues of aldose-2-ulonic acids. Synthesis of a new sialyl Lewis X analogue. <i>Tetrahedron Letters</i> , 1999, 40, 3639-3642.	0.7	20
41	Synthesis of fully protected 1-fucopyranosyl-(1 \rightarrow 2)-2-d-galactopyranosides with a single free hydroxy group at position 2 \rightarrow , 3 \rightarrow or 4 \rightarrow using O-(2-naphthyl)methyl (NAP) ether as a temporary protecting group. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 83-95.	1.8	20
42	Toward Synthesis of the Isosteric Sulfonate Analogues of the AT-III Binding Domain of Heparin. <i>Organic Letters</i> , 2009, 11, 2619-2622.	2.4	20
43	Synthesis of the non-reducing end trisaccharide of the antithrombin-binding domain of heparin and its bioisosteric sulfonic acid analogues. <i>Tetrahedron</i> , 2012, 68, 7386-7399.	1.0	20
44	¹³ C-NMR study of methyl- and benzyl ethers of l-arabinose and oligosaccharides having l-arabinose at the reducing end. Synthesis of 2-O- β -d-glucopyranosyl-, 2-O- β -l-rhamnopyranosyl-, 3-O- β -d-glucopyranosyl-2-O- β -l-rhamnopyranosyl- and 4-O- β -d-glucopyranosyl-2-O- β -l-rhamnopyranosyl-l-arabinose. <i>Tetrahedron</i> , 1982, 38, 3489-3497.	1.0	19
45	Trimethylsilyl Triflate - Catalyzed Acetal Formation Between Silylated Hexopyranosides and Methyl Pyruvate. <i>Journal of Carbohydrate Chemistry</i> , 1989, 8, 629-644.	0.4	19
46	Synthesis of a fucosylated and a non-fucosylated core structure of xylose-containing carbohydrate chains from N-glycoproteins. <i>Carbohydrate Research</i> , 1994, 264, 45-62.	1.1	19
47	Synthesis of disaccharide fragments of the AT-III binding domain of heparin and their sulfonatomethyl analogues. <i>Carbohydrate Research</i> , 2011, 346, 1827-1836.	1.1	19
48	Hydrogenolysis of the isomeric 1,2:4,6-di-O-benzylidene- β -d-glucopyranose derivatives with the LiAlH ₄ -AlCl ₃ reagent. <i>Carbohydrate Research</i> , 1983, 116, 217-225.	1.1	18
49	Action pattern of porcine pancreatic alpha-amylase on three different series of β -maltooligosaccharide glycosides. <i>Carbohydrate Research</i> , 1997, 298, 237-242.	1.1	18
50	The first synthesis of secondary sugar sulfonic acids by nucleophilic displacement reactions. <i>Tetrahedron Letters</i> , 2004, 45, 839-842.	0.7	18
51	Hydrogenolysis of 3,5-O-benzylidene acetals with the LiAlH ₄ -AlCl ₃ reagent in methyl d-xylofuranosides. <i>Tetrahedron</i> , 1981, 37, 2379-2382.	1.0	17
52	A new approach to the chemical synthesis of the trisaccharide, and the terminal di- and mono-saccharide units of the major, serologically active glycolipid from <i>Mycobacterium leprae</i> . <i>Carbohydrate Research</i> , 1993, 241, 99-116.	1.1	17
53	Scope and limitation of the application of the (methoxydimethyl)methyl group in the synthesis of 2-O-, 6-O- and 2,6-di-O-(β -l-arabinofuranosyl)- β -d-galactopyranosyl-(1 \rightarrow 6)-d-galactoses. <i>Carbohydrate Research</i> , 1999, 318, 98-109.	1.1	17
54	Synthesis of the repeating unit of the O-specific polysaccharide of <i>Shigella sonnei</i> and quantitation of its serologic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 19-21.	1.0	17

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55	Synthesis of the α -L-Araf-(1 \rightarrow 2)- β -D-Galp-(1 \rightarrow 6)- β -D-Galp-(1 \rightarrow 6)-[α -L-Araf-(1 \rightarrow 2)]- β -D-Galp-(1 \rightarrow 6)-d-Gal hexasaccharide as a possible repeating unit of the cell-cultured exudates of <i>Echinacea purpurea</i> arabinogalactan. <i>Carbohydrate Research</i> , 2001, 336, 107-115.	1.1	17
56	A general method for the preparation of 2, 6-di-O-glycosyl hexopyranoses. Synthesis of O- β -D-galactopyranosyl-(1 \rightarrow 2)-O- [α -L-rhamnopyranosyl-(1 \rightarrow 6)]-D-galactopyranose decaacetate. <i>Tetrahedron Letters</i> , 1977, 18, 921-924.	0.7	16
57	Lewis-acid-catalysed isomerisation of benzylidene acetals of methyl α -L-rhamnopyranoside and methyl β -L-arabinopyranoside derivatives. <i>Carbohydrate Research</i> , 1981, 98, 165-171.	1.1	16
58	Synthesis of 2-O-methyl-d-rhamnose, a constituent of a bacterial lipopolysaccharide. <i>Carbohydrate Research</i> , 1982, 107, 300-302.	1.1	16
59	Chiroptical properties of pyranoid glycols in the presence of [Mo ₂ (O[2CCH ₃) ₄]. <i>Carbohydrate Research</i> , 1987, 164, 149-159.	1.1	16
60	Stereoselective hydrogenolysis of dioxolane-type benzylidene derivatives: Synthesis of some benzyl ethers of benzyl β -D-arabinopyranoside. <i>Carbohydrate Research</i> , 1978, 63, 69-75.	1.1	15
61	Synthesis and ¹³ C-N.M.R. spectroscopy of 2-O- and 6-O-acetyl-3-O- α -L-rhamnopyranosyl-d-galactose, constituents of bacterial cell-wall polysaccharides. <i>Carbohydrate Research</i> , 1982, 107, 33-41.	1.1	15
62	Synthesis and hydrogenolysis of the methylene, ethylidene, isopropylidene, and diastereoisomeric 1-phenylethylidene acetals of β -L-arabino- and α -L-rhamnopyranoside derivatives. <i>Carbohydrate Research</i> , 1985, 138, 1-15.	1.1	15
63	Conformational stabilization of the altruronic acid residue in the O-specific polysaccharide of <i>Shigella sonnei</i> / <i>Plesiomonas shigelloides</i> . <i>Carbohydrate Research</i> , 1997, 305, 93-99.	1.1	15
64	Synthesis of l-glucose from d-gulono-1,4-lactone. <i>Carbohydrate Research</i> , 1999, 321, 116-120.	1.1	15
65	Synthesis of the pentasaccharide hapten from the glycopeptidolipid antigen of <i>Mycobacterium avium</i> serovar 17. <i>Tetrahedron Letters</i> , 2001, 42, 5283-5286.	0.7	15
66	Chemoenzymatic synthesis of 2-chloro-4-nitrophenyl β -maltoheptaoside acceptor-products using glycogen phosphorylase b. <i>Carbohydrate Research</i> , 2001, 333, 129-136.	1.1	15
67	Synthesis of an arabinogalactan-type octa- and two isomeric nonasaccharides. Suitable tuning of protecting groups. <i>Tetrahedron Letters</i> , 2003, 44, 631-635.	0.7	15
68	Introducing Transglycosylation Activity into Human Salivary α -Amylase (HSA). <i>Organic Letters</i> , 2003, 5, 4895-4898.	2.4	15
69	Synthesis of Methyl 1-Thio-L-Rhamnopyranoside-Derivatives. <i>Journal of Carbohydrate Chemistry</i> , 1988, 7, 687-699.	0.4	14
70	Synthesis of the α -D-GlcpA-(1 \rightarrow 3)- α -L-Rhap-(1 \rightarrow 2)-l-Rha trisaccharide isolated from the cell wall hydrolyzate of the green alga, <i>Chlorella vulgaris</i> . <i>Carbohydrate Research</i> , 2001, 334, 253-259.	1.1	14
71	Replacement of Carbohydrate Sulfates by Sugar Sulfonic Acid Derivatives. <i>Journal of Carbohydrate Chemistry</i> , 2004, 23, 133-146.	0.4	14
72	Glycosyl azides of sugar 2-sulfonic acids. <i>Tetrahedron Letters</i> , 2005, 46, 5191-5194.	0.7	14

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73	Synthesis, regioselective hydrogenolysis, partial hydrogenation, and conformational study of dioxane and dioxolane-type (9 α -anthracenyl)methylene acetals of sugars. Carbohydrate Research, 2009, 344, 2444-2453.	1.1	14
74	A convenient synthesis of O- β -L-rhamnopyranosyl-(1 \rightarrow 4)-O- β -L-rhamnopyranosyl-(1 \rightarrow 6)-D-galactopyranose nona-acetate. Carbohydrate Research, 1975, 44, 313-316.	1.1	13
75	A simple method for the synthesis of benzyl 4-O-benzylhexopyranosides. Carbohydrate Research, 1979, 68, 151-154.	1.1	13
76	Hydrogenolysis of Dioxolane-Type Diphenylmethylene Acetals by AlCl ₃ to Axial Diphenylmethyl Ethers. Journal of Carbohydrate Chemistry, 1993, 12, 191-200.	0.4	13
77	Synthesis of Carbohydrate-Containing Surface Antigens of Mycobacteria. Medicinal Research Reviews, 1994, 14, 307-352.	5.0	13
78	Identification and structural analysis of synthetic oligosaccharides of Shigella sonnei using MALDI-TOF MS. Carbohydrate Research, 2001, 334, 315-322.	1.1	13
79	Synthesis of sulfonic acid analogues of the non-reducing end trisaccharide of the antithrombin binding domain of heparin. Tetrahedron Letters, 2010, 51, 6711-6714.	0.7	13
80	Synthesis and Hydrogenolysis of Dioxolane-Type Diphenyl-Methylene and Fluoren-9-Ylidene Carbohydrate Acetals Containing a Neighbouring Substituted Hydroxyl Function. Journal of Carbohydrate Chemistry, 1997, 16, 1123-1144.	0.4	12
81	Synthesis of 3,6-branched arabinogalactan-type tetra- and hexasaccharides for characterization of monoclonal antibodies. Carbohydrate Research, 2009, 344, 1434-1441.	1.1	12
82	Synthesis of new sulfonic acid-containing oligosaccharide mimetics of sialyl Lewis A. Tetrahedron, 2010, 66, 2404-2414.	1.0	12
83	Synthesis of methyl 6-deoxy-4-O-(sodium sulfonato)- β -L-talopyranoside, its C-4 epimer and both isosteric [4-C-(potassium sulfonatomethyl)] derivatives. Arkivoc, 2004, 2004, 196-207.	0.3	12
84	Carbohydrate components of flavonol triaosides: A convenient synthesis of O- β -L-rhamnopyranosyl-(1 \rightarrow 3)-O- β -L-rhamnopyranosyl-(1 \rightarrow 6)-D-Galactose and O- β -L-rhamnopyranosyl-(1 \rightarrow 2)-O- β -L-rhamnopyranosyl-(1 \rightarrow 6)-D-galactose. Carbohydrate Research, 1981, 93, 43-52.	1.1	11
85	Mixed acetals of cyclodextrins. Preparation of hexakis-, heptakis- and octakis[2,6-di-O-(methoxydimethyl)methyl]- β -, γ - and δ -cyclodextrins. Carbohydrate Research, 2002, 337, 93-96.	1.1	11
86	Stereoselective (2-naphthyl)methylation of sugar hydroxyls by the hydrogenolysis of diastereoisomeric dioxolane-type (2-naphthyl)methylene acetals. Carbohydrate Research, 2002, 337, 1941-1951.	1.1	11
87	Synthesis of ketopyranosyl glycosides and determination of their anomeric configuration on the basis of the three-bond carbon \rightarrow proton couplings. Carbohydrate Research, 2007, 342, 1393-1404.	1.1	10
88	Structure proof of muricatin B: 11-hydroxy hexadecanoic acid dirhamnoside. Phytochemistry, 1978, 17, 997-999.	1.4	9
89	Synthesis of O- β -D-mannopyranosyl-(1 \rightarrow 2)-O- β -D-mannopyranosyl-(1 \rightarrow 2)-D-mannose, the repeating unit of the O8-antigen of Escherichia coli. Carbohydrate Research, 1983, 114, 35-41.	1.1	9
90	Synthesis of everninose, a non-reducing disaccharide component of the orthosomycin-type oligosaccharide antibiotics. Carbohydrate Research, 1988, 174, 113-120.	1.1	9

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91	Halogen Azide Displacement to Prepare Some Symmetrically Substituted β -Cyclodextrin Derivatives. <i>Starch/Staerke</i> , 1990, 42, 447-449.	1.1	9
92	Preparation of dioxolane-type fluoren-9-ylidene acetals of carbohydrates and their hydrogenolysis with AlCl_3 to give axial fluoren-9-yl ethers. <i>Carbohydrate Research</i> , 1992, 216, 413-420.	1.1	9
93	Synthesis and reduction of carbohydrate benzylidene hemithioacetal diastereomers with LiAlH_4 and AlCl_3 . <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 1234-1235.	2.0	8
94	Formation, Structure, and Synthetic Use of Gluco- and Galactopyranoside Acetophenone Acetals with 1,3-Dioxane Rings. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 255-256.	4.4	8
95	Synthesis of the tetrasaccharide core region of antigenic lipo-oligosaccharides characteristic of <i>Mycobacterium kansasii</i> . <i>Carbohydrate Research</i> , 1988, 175, 241-248.	1.1	8
96	Chemoenzymatic preparation of 2-chloro-4-nitrophenyl β -maltooligosaccharide glycosides using glycogen phosphorylase b. <i>Carbohydrate Research</i> , 1999, 315, 180-186.	1.1	8
97	Synthesis of the pentasaccharide hapten from the glycopeptidolipid antigen of <i>Mycobacterium avium</i> serovar 12. <i>Tetrahedron Letters</i> , 2002, 43, 3145-3148.	0.7	8
98	Bildung, Struktur und Synthesepotential von Gluco- und Galactopyranosid- β -Acetophenonacetalen mit 1,3-Dioxanringen. <i>Angewandte Chemie</i> , 1983, 95, 245-246.	1.6	8
99	Synthesis and ^{13}C -n.m.r. spectroscopic investigation of three methyl rhamnotriosides. <i>Carbohydrate Research</i> , 1984, 131, 39-45.	1.1	7
100	Synthesis of the methyl ethers of methyl 6-deoxy-3-C-methyl- β -L-talopyranoside and - β -L-mannopyranoside. Examination of the conformation and chromatographic properties of the compounds. <i>Arkivoc</i> , 2003, 2003, 28-45.	0.3	7
101	Synthesis of 3-O-methyl-L-xylose, a component of lipopolysaccharides of Gram-negative bacteria. <i>Carbohydrate Research</i> , 1982, 107, 296-299.	1.1	6
102	A conformational study of dioxolane-type acetals of some carbohydrate derivatives by N.M.R. spectroscopy. <i>Carbohydrate Research</i> , 1985, 136, 241-248.	1.1	6
103	Synthesis and High-Field NMR of β -D-Arabinofuranosyl-(1 \rightarrow '6)-2-AcetamidO-2-Deoxy- α -D-Glucopyranosyl-(1 \rightarrow '3)-6-Deoxy-L-Talose, the Repeating Unit of an O-Specific Lipopolysaccharide from <i>Pseudomonas Maltophilia</i> N.C.I.B. 9204. <i>Journal of Carbohydrate Chemistry</i> , 1988, 7, 337-357.	0.4	6
104	Synthetic Studies Towards the O-Specific Polysaccharide of <i>Shigella Sonnei</i> . <i>Journal of Carbohydrate Chemistry</i> , 2000, 19, 285-310.	0.4	6
105	Cleavage pattern of alkoxy- or aryloxymethyl ethers induced by mixed hydrides. <i>Tetrahedron Letters</i> , 1993, 34, 1991-1994.	0.7	5
106	Synthesis of p-trifluoroacetamidophenyl (4,6-dideoxy-4-formamido-3-C-methyl- β -L-mannopyranosyl)-(1 \rightarrow '3)-(2-O-methyl- β -D-rhamnopyranosyl)-(1 \rightarrow '3)-(2-O-methyl- β -D-glucopyranosyl)- β -D-glucopyranoside, a spacer-armed pentasaccharide glycopeptidolipid antigen of <i>Mycobacterium avium</i> serovar 14. <i>Carbohydrate Research</i> , 1998, 308, 247-258.	1.1	5
107	A first synthesis of sulfonic acid analogues of N-acetylneuraminic acid. <i>Tetrahedron Letters</i> , 2008, 49, 1196-1198.	0.7	5
108	Gas chromatographic investigation of the exo and endo isomers of dioxolane ring benzylidene acetals of some carbohydrates. <i>Journal of Chromatography A</i> , 1978, 147, 401-403.	1.8	3

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109	Circular dichroism of 1,3-dioxane-type (2-naphthyl)methylene acetals of glycosides. <i>Chirality</i> , 2004, 16, 244-250.	1.3	3
110	Quantum chemical studies on the partial hydrogenolysis of methyl 2,3-O-diphenylmethylene- α -l-rhamnopyranoside. <i>Tetrahedron Letters</i> , 2011, 52, 1256-1259.	0.7	3
111	Structural analysis by mass spectrometry of oligosaccharides composed of 6-deoxyhexopyranoses. <i>Carbohydrate Research</i> , 1981, 98, 242-246.	1.1	2
112	Synthesis of the tetrasaccharide repeating-unit of the lipopolysaccharide isolated from <i>Pseudomonas maltophilia</i> . <i>Carbohydrate Research</i> , 1986, 150, 187-197.	1.1	2
113	HPLC Analysis of the Product Distribution in the Iodine-Catalyzed Methyl Glycosidation of Pentoses and 6-Deoxyhexoses. <i>Journal of Carbohydrate Chemistry</i> , 1998, 17, 359-368.	0.4	2
114	Synthesis of three regioisomers of the pentasaccharide part of the Skp1 glycoprotein of <i>Dictyostelium discoideum</i> . <i>Tetrahedron: Asymmetry</i> , 2009, 20, 808-820.	1.8	2
115	Synthesis of a sulfonic acid mimetic of the sulfated Lewis A pentasaccharide. <i>Carbohydrate Research</i> , 2012, 350, 90-93.	1.1	2
116	Formation, Structure, and Synthetic Use of Acetophenone Acetals with 1,3-Dioxane Rings in Gluco- and Galactopyranosides. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 254-263.	4.4	1
117	Corrigendum to: Action pattern and subsite mapping of <i>Bacillus licheniformis</i> α -amylase (BLA) with modified maltooligosaccharide substrates (FEBS 26038). <i>FEBS Letters</i> , 2002, 520, 186-186.	1.3	1
118	Sugar C-sulfonic Acids. , 2004, , 181-202.		1
119	Reactions of phenyl and ethyl 2-O-sulfonyl-1-thio- α -d-manno- and β -d-gluco- and β -d-galactopyranosides with thionucleophiles. <i>Carbohydrate Research</i> , 2009, 344, 2461-2467.	1.1	1