AndrÃ¡s LiptÃ¡k

List of Publications by Year
in descending order

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119	2,559	218677	276875
papers	citations	26 h-index	41 g-index

127	127	127	1045
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stereoselective ring-cleavage of 3-O-benzyl- and 2,3-di-O-benzyl-4,6-O-benzylidenehexopyranoside derivatives with the LiAlH4—AlCl3, reagent. Carbohydrate Research, 1975, 44, 1-11.	2.3	249
2	Chemo-, stereo- and regioselective hydrogenolysis of carbohydrate benzylidene acetals. Synthesis of benzyl ethers of benzyl α-d-, methyl β-D-mannopyranosides and benzyl α-D-rhamnopyranoside by ring cleavage of benzylidene derivatives with the LiAlH4-AlCl3 reagent. Tetrahedron, 1982, 38, 3721-3727.	1.9	66
3	Preparation of carbohydrate isopropylidene derivatives with 2,2-dimethoxypropane in the presence of toluene-p-sulphonic acid. Carbohydrate Research, 1981, 92, 154-156.	2.3	65
4	Synthesis of the monosaccharide units of the O-specific polysaccharide of Shigella sonnei. Tetrahedron, 1997, 53, 4159-4178.	1.9	65
5	Synthesis and 13C-NMR spectroscopic investigations of rhamnobioses. Tetrahedron, 1980, 36, 1261-1268.	1.9	62
6	Synthesis of four structural elements of xylose-containing carbohydrate chains from N-glycoproteins. Carbohydrate Research, 1989, 186, 51-62.	2.3	60
7	Hydrogenolysis of the dioxolan type - and - benzylidene derivatives of carbohydrates with the LiAlH4-AlCl3 reagent. Tetrahedron Letters, 1976, 17, 3551-3554.	1.4	51
8	Action pattern and subsite mapping of Bacillus licheniformis α€amylase (BLA) with modified maltooligosaccharide substrates. FEBS Letters, 2002, 518, 79-82.	2.8	49
9	Stereoselective hydrogenolysis of exo- and endo-2,3-benzylidene acetals of hexopyranosides. Carbohydrate Research, 1976, 51, C19-C21.	2.3	47
10	Synthesis of mono- and di-benzyl ethers of benzyl α-l-rhamnopyranoside. Carbohydrate Research, 1978, 65, 209-217.	2.3	47
11	The regioselectivity of the reductive ring-cleavage of the acetal ring of 4,6-O-benzylidenehexopyranosides. Carbohydrate Research, 1982, 104, 55-67.	2.3	45
12	Amphiphilic and mesogenic carbohydrates - II. sysnthesis and Characterisation of mono-o-(n-alkyl)-d-glucose derivates. Tetrahedron, 1992, 48, 3061-3068.	1.9	45
13	Synthesis of a selectively protected trisaccharide building block that is part of xylose-containing carbohydrate chains from N-glycoproteins. Carbohydrate Research, 1993, 238, 135-145.	2.3	44
14	Hydrogenolysis of benzylidene acetals: synthesis of benzyl 2,3,6,2â€²,3â€²,4â€²-hexa-O-benzyl-β-cellobioside, -maltoside, and -lactoside, benzyl 2,3,4,2â€²,3â€²,4â€²-hexa-O-benzyl-β-allolactiside, and benzyl 2,3,6,2â€²,3â€²,6â€²-hexa-O-benzyl-β-lactoside. Carbohydrate Research, 1976, 52, 17-22.	2.3	43
15	Long-range proton-proton spin-spin couplings through the interglycosidic oxygen and the primary structure of oligosaccharides as studied by 2D-NMR. Journal of the American Chemical Society, 1984, 106, 248-250.	13.7	43
16	Synthesis of p-trifluoroacetamidophenyl 6-deoxy-2-O-3-O-[2-O-methyl-3-O-(2-O-methyl-α-d-rhamnopyranosyl)- α-l-fucopyranosyl]-α-l-rhamnopyranosyl-α-l-talopyranoside: a spacer armed tetrasaccharide glycopeptidolipid antigen of Mycobacterium avium serovar 20. Carbohydrate Research, 1993, 245, 65-80.	2.3	42
17	Synthesis of chromogenic substrates of α-amylases on a cyclodextrin basis. Carbohydrate Research, 1997, 303, 407-415.	2.3	42
18	Preparation of (2-naphthyl)methylene acetals of glycosides and their hydrogenolytic transformation into 2-naphthylmethyl (NAP) ethers. Tetrahedron Letters, 2000, 41, 4949-4953.	1.4	39

#	ARTICLE	IF	CITATIONS
19	Dioxane-type (2-naphthyl)methylene acetals of glycosides and their hydrogenolytic transformation into 6-O- and 4-O-(2-naphthyl)methyl (NAP) ethers. Tetrahedron, 2002, 58, 5723-5732.	1.9	37
20	Hydrogenolysis of dioxolane-type benzylidene derivatives: a convenient preparation of methyl 2-O-benzyl- and 3-O-benzyl-4,6-O-benzylidene-Î±-d-mannopyranoside. Carbohydrate Research, 1979, 73, 327-331.	2.3	31
21	13C-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. Carbohydrate Research, 1977, 58, C7-C9.	2.3	30
22	Synthesis of 2-O-Î±-, 3-O-Î±-, 3-O-Î²-, and 4-O-Î±-l-rhamnopyranosyl-d-galactose. Carbohydrate Research, 1982, 99, 13-21.	2.3	28
23	Synthesis of some partially substituted methyl Î±-d- and phenyl 1-thio-Î±-d-mannopyranosides for the preparation of manno-oligosaccharides. Carbohydrate Research, 1994, 254, 301-309.	2.3	28
24	Synthesis and chiroptical properties of (naphthyl)ethylidene ketals of carbohydrates in solution and solid state. Tetrahedron, 2008, 64, 1676-1688.	1.9	28
25	Acetal migration during koenigs-knorr reactions; isolation of 3-O- and 6-O-(2,3,4,6-tetra-O-acetyl-Î²-d-glucopyranosyl) derivatives of 1,2:5,6- and 1,2:3,5-di-O-isopropylidene-Î±-d-glucofuranose. Carbohydrate Research, 1980, 86, 133-136.	2.3	27
26	Retention of the anomeric configuration in the imidate procedure: synthesis of disaccharides containing Î±-l-rhamnopyranosyl and Î±-d-mannopyranosyl groups. Carbohydrate Research, 1982, 107, C5-C8.	2.3	27
27	Unambiguous synthesis of (1â†'2)- and (1â†'3)-rhamnopyranosyl-rhamnopyranose derivatives and their 13C-NMR study. Tetrahedron Letters, 1979, 20, 741-744.	1.4	26
28	Glycosylated trehalose. Synthesis of the oligosaccharides of the glycolipid-type antigens from Mycobacterium smegmatis. Carbohydrate Research, 1987, 164, 313-325.	2.3	26
29	Successful Combination of (Methoxydimethyl)methyl (MIP) and (2-Naphthyl)methyl (NAP) Ethers for the Synthesis of Arabinogalactan-Type Oligosaccharides. Synlett, 2002, 2002, 0887-0890.	1.8	26
30	Pyruvic acetal formation from a pyruvyl thioacetal, catalyzed by methyl triflate, dimethyl(methylthio)sulfonium triflate, or nitroso tetrafluoroborate. Carbohydrate Research, 1988, 184, c5-c8.	2.3	25
31	Anomalous ZemplÃ©n deacylation reactions of 2-O-acyl-3-O-alkyl or -3-O-glycosyl derivatives of d-galactose and d-glucose: synthesis of O-Î±-d-mannopyranosyl-(1â†'4)-O-Î±-l-rhamnopyranosyl-(1â†'3)-d-galactose and an intermediate for the preparation of 2-O-glycosyl-3-O-(Î±-d-mannopyranosyl)-d-glucoses. Carbohydrate Research, 1990, 200, 201-209.	2.3	25
32	Synthesis of 4-O-Î±-d-galactopyranosyl-l-rhamnose and 4-O-Î±-d-galactopyranosyl-2-O-Î²-glucopyranosyl-l-rhamnose using dioxolane-type benzylidene acetals as temporary protecting-groups. Carbohydrate Research, 1980, 80, 233-239.	2.3	24
33	An approach to oligosaccharide sequencing: 2D n.m.r. DEPT experiment for detection of interglycosidic13Câ€"1H spinâ€"spin coupling. Journal of the Chemical Society Chemical Communications, 1985, , 368-370.	2.0	23
34	Sulfonic acid analogues of the sialyl Lewis X tetrasaccharide. Tetrahedron: Asymmetry, 2000, 11, 549-566.	1.8	23
35	A General Method for the Synthesis of Sugar 2-C-Sulfonic Acids by 1 â†' 2 Arylthio Group Migration in Acid-Sensitive Thioglycosides.1Direct Transformation of Thiotrityl Ethers intoC-Sulfonic Acids. Organic Letters, 2003, 5, 3671-3674.	4.6	23
36	Synthesis and Anticoagulant Activity of Bioisosteric Sulfonicâ€Acid Analogues of the Antithrombinâ€Binding Pentasaccharide Domain of Heparin. Chemistry - A European Journal, 2012, 18, 10643-10652.	3.3	23

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37	Chemical synthesis of the pyruvic acetal-containing trisaccharide unit of the species-specific glycopeptidolipid from Mycobacterium avium serovariant 8. Carbohydrate Research, 1994, 253, 111-120.	2.3	22
38	Preparation of mixed-acetal derivatives of carbohydrates by acetal-exchange reactions. Carbohydrate Research, 1983, 113, 225-231.	2.3	21
39	Preparation of the pentasaccharide hapten of the GPL of Mycobacterium avium serovar 19 by achieving the glycosylation of a tertiary hydroxyl group. Carbohydrate Research, 2006, 341, 1312-1321.	2.3	21
40	Sulfonomethyl analogues of aldos-2-ulosonic acids. Synthesis of a new sialyl Lewis X analogue. Tetrahedron Letters, 1999, 40, 3639-3642.	1.4	20
41	Synthesis of fully protected Î±-l-fucopyranosyl-(1â†'2)-Î²-d-galactopyranosides with a single free hydroxy group at position 2â€², 3â€² or 4â€² using O-(2-naphthyl)methyl (NAP) ether as a temporary protecting group. Tetrahedron: Asymmetry, 2005, 16, 83-95.	1.8	20
42	Toward Synthesis of the Isosteric Sulfonate Analogues of the AT-III Binding Domain of Heparin. Organic Letters, 2009, 11, 2619-2622.	4.6	20
43	Synthesis of the non-reducing end trisaccharide of the antithrombin-binding domain of heparin and its bioisosteric sulfonic acid analogues. Tetrahedron, 2012, 68, 7386-7399.	1.9	20
44	13C-NMR study of methyl- and benzyl ethers of l-arabinose and oligasaccharides having l-arabinose at the reducing end. Synthesis of 2-O-Î²-d-glucopyranosyl-, 2-O-Î±-l-rhamnopyranosyl-, 3-O-Î²-d-glucopyranosyl-2- O-Î±-l-rhamnopyranosyl- and 4-O-Î²-d-glucopyranosyl-2-O-Î±-l-rhamnopyranosyl-l-arabinose. Tetrahedron, 1982, 38, 3489-3497.	1.9	19
45	Trimethylsilyl Triflate - Catalysid Acetal Formation Between Silylated Hexopyranosides and Methyl Pyruvate¹. Journal of Carbohydrate Chemistry, 1989, 8, 629-644.	1.1	19
46	Synthesis of a fucosylated and a non-fucosylated core structure of xylose-containing carbohydrate chains from N-glycoproteins. Carbohydrate Research, 1994, 264, 45-62.	2.3	19
47	Synthesis of disaccharide fragments of the AT-III binding domain of heparin and their sulfonatomethyl analogues. Carbohydrate Research, 2011, 346, 1827-1836.	2.3	19
48	Hydrogenolysis of the isomeric 1,2:4,6-di-O-benzylidene-Î±-d-glucopyranose derivatives with the LiAlH4—AlCl3 reagent. Carbohydrate Research, 1983, 116, 217-225.	2.3	18
49	Action pattern of porcine pancreatic alpha-amylase on three different series of Î²-maltooligosaccharide glycosides. Carbohydrate Research, 1997, 298, 237-242.	2.3	18
50	The first synthesis of secondary sugar sulfonic acids by nucleophilic displacement reactions. Tetrahedron Letters, 2004, 45, 839-842.	1.4	18
51	Hydrogenolysis of 3,5-O-benzylidene acetals with the LiAlH4-AlCl3 reagent in methyl d-xylofuranosides. Tetrahedron, 1981, 37, 2379-2382.	1.9	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 glycoplipid from Mycobacterium leprae. Carbohydrate Research, 1993, 241, 99-116.	2.3	17
53	Scope and limitation of the application of the (methoxydimethyl)methyl group in the synthesis of 2â€²-O-, 6â€²-O- and 2â€²,6â€²-di-O-(Î±-l-arabinofuranosyl)-Î²-d-galactopyranosyl-(1â†'6)-d-galactoses. Carbohydrate Research, 1999, 318, 98-109.	2.3	17
54	Synthesis of the repeating unit of the O-specific polysaccharide of Shigella sonnei and quantitation of its serologic activity. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 19-21.	2.2	17

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55	Synthesis of the Î±-l-Araf-(1â†'2)-Î²-d-Galp-(1â†'6)-Î²-d-Galp-(1â†'6)-[Î±-l-Araf-(1â†'2)]-Î²-d-Galp-(1â†'6)-d-Gal hexasaccharide as a possible repeating unit of the cell-cultured exudates of Echinacea purpurea arabinogalactan. Carbohydrate Research, 2001, 336, 107-115.	2.3	17
56	A general method for the preparation of 2, 6-di-0-glycosyl hexopyranoses. Synthesis of 0-Î²-D-galactopyranosyl-(1 â†' 2)-0- [Î±-L-rhamnopyranosyl-(1 â†' 6)]-D-galactopyranose decaacetate. Tetrahedron Letters, 1977, 18, 921-924.	1.4	16
57	Lewis-acid-catalysed isomerisation of benzylidene acetals of methyl Î±-l-rhamnopyranoside and methyl Î²-l-arabinopyranoside derivatives. Carbohydrate Research, 1981, 98, 165-171.	2.3	16
58	Synthesis of 2-O-methyl-d-rhamnose, a constituent of a bacterial lipopolysaccharide. Carbohydrate Research, 1982, 107, 300-302.	2.3	16
59	Chiroptical properties of pyranoid glycols in the presence of [Mo2(O[2CCH3)4]. Carbohydrate Research, 1987, 164, 149-159.	2.3	16
60	Stereoselective hydrogenolysis of dioxolane-type benzylidene derivatives: Synthesis of some benzyl ethers of benzyl Î²-d-arabinopyranoside. Carbohydrate Research, 1978, 63, 69-75.	2.3	15
61	Synthesis and 13C-N.M.R. spectroscopy of 2-O- and 6-O-acetyl-3-O-Î±-l-rhamnopyranosyl-d-galactose, constituents of bacterial cell-wall polysaccharides. Carbohydrate Research, 1982, 107, 33-41.	2.3	15
62	Synthesis and hydrogenolysis of the methylene, ethylidene, isopropylidene, and diastereoisomeric 1-phenylethylidene acetals of Î²-l-arabino- and Î±-l-rhamnopyranoside derivatives. Carbohydrate Research, 1985, 138, 1-15.	2.3	15
63	Conformational stabilization of the altruronic acid residue in the O-specific polysaccharide of Shigella sonnei/Plesiomonas shigelloides. Carbohydrate Research, 1997, 305, 93-99.	2.3	15
64	Synthesis of l-glucose from d-gulono-1,4-lactone. Carbohydrate Research, 1999, 321, 116-120.	2.3	15
65	Synthesis of the pentasaccharide hapten from the glycopeptidolipid antigen of Mycobacterium avium serovar 17. Tetrahedron Letters, 2001, 42, 5283-5286.	1.4	15
66	Chemoenzymatic synthesis of 2-chloro-4-nitrophenyl Î²-maltoheptaoside acceptor-products using glycogen phosphorylase b. Carbohydrate Research, 2001, 333, 129-136.	2.3	15
67	Synthesis of an arabinogalactan-type octa- and two isomeric nonasaccharides. Suitable tuning of protecting groups. Tetrahedron Letters, 2003, 44, 631-635.	1.4	15
68	Introducing Transglycosylation Activity into Human Salivary Î±-Amylase (HSA)â€. Organic Letters, 2003, 5, 4895-4898.	4.6	15
69	Synthesis of Methyl 1-Thio-L-Rhamnopyranoside-Derivatives. Journal of Carbohydrate Chemistry, 1988, 7, 687-699.	1.1	14
70	Synthesis of the Î±-d-GlcpA-(1â†'3)-Î±-l-Rhap-(1â†'2)-l-Rha trisaccharide isolated from the cell wall hydrolyzate of the green alga, Chlorella vulgaris. Carbohydrate Research, 2001, 334, 253-259.	2.3	14
71	Replacement of Carbohydrate Sulfates by Sugar Câ€Sulfonic Acid Derivatives. Journal of Carbohydrate Chemistry, 2004, 23, 133-146.	1.1	14
72	Glycosyl azides of sugar 2-sulfonic acids. Tetrahedron Letters, 2005, 46, 5191-5194.	1.4	14

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73	Synthesis, regioselective hydrogenolysis, partial hydrogenation, and conformational study of dioxane and dioxolane-type (9â€²-anthracenyl)methylene acetals of sugars. Carbohydrate Research, 2009, 344, 2444-2453.	2.3	14
74	A convenient synthesis of O-Î±-L-rhamnopyranosyl-(1â†’4)-O-Î±-L-rhamnopyranosyl-(1â†’6)-D-galactopyranose nona-acetate. Carbohydrate Research, 1975, 44, 313-316.	2.3	13
75	A simple method for the synthesis of benzyl 4-O-benzylhexopyranosides. Carbohydrate Research, 1979, 68, 151-154.	2.3	13
76	Hydrogenolysis of Dioxolane-Type Diphenylmethylene Acetals by AlClH₂to Axial Diphenylmethyl Ethers. Journal of Carbohydrate Chemistry, 1993, 12, 191-200.	1.1	13
77	Synthesis of Carbohydrate-Containing Surface Antigens of Mycobacteria. Medicinal Research Reviews, 1994, 14, 307-352.	10.5	13
78	Identification and structural analysis of synthetic oligosaccharides of Shigella sonnei using MALDI-TOF MS. Carbohydrate Research, 2001, 334, 315-322.	2.3	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.	1.4	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.	1.1	12
81	Synthesis of 3,6-branched arabinogalactan-type tetra- and hexasaccharides for characterization of monoclonal antibodies. Carbohydrate Research, 2009, 344, 1434-1441.	2.3	12
82	Synthesis of new sulfonic acid-containing oligosaccharide mimetics of sialyl Lewis A. Tetrahedron, 2010, 66, 2404-2414.	1.9	12
83	Synthesis of methyl 6-deoxy-4-O-(sodium sulfonato)-Î±-L-talopyranoside, its C-4 epimer and both isosteric [4-C-(potassium sulfonatomethyl)] derivatives. Arkivoc, 2004, 2004, 196-207.	0.5	12
84	Carbohydrate components of flavonol triaosides: A convenient synthesis of O-Î±-l-rhamnopyranosyl-(1â†’3)-O-Î±-l-rhamnopyranosyl-(1â†’6)-d-Galactose and O-Î±-l-rhamnopyranosyl-(1â†’2)-O-Î±-l-rhamnopyranosyl-(1â†’6)-d-galactose. Carbohydrate Research, 1981, 93, 43-52.	2.3	11
85	Mixed acetals of cyclodextrins. Preparation of hexakis-, heptakis- and octakis[2,6-di-O-(methoxydimethyl)methyl]-Î±-, Î²- and Î³-cyclodextrins. Carbohydrate Research, 2002, 337, 93-96.	2.3	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.	2.3	11
87	Synthesis of ketopyranosyl glycosides and determination of their anomeric configuration on the basis of the three-bond carbonâ€“proton couplings. Carbohydrate Research, 2007, 342, 1393-1404.	2.3	10
88	Structure proof of muricatin B: 11-hydroxy hexadecanoic acid dirhamnoside. Phytochemistry, 1978, 17, 997-999.	2.9	9
89	Synthesis of O -Î±- d -mannopyranosyl-(1â†’2)- O -Î±- d -mannopyranosyl-(1â†’2)- d -mannose, the repeating unit of the O8-antigen of Escherichia coli. Carbohydrate Research, 1983, 114, 35-41.	2.3	9
90	Synthesis of everninose, a non-reducing disaccharide component of the orthosomycin-type oligosaccharide antibiotics. Carbohydrate Research, 1988, 174, 113-120.	2.3	9

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91	Halogen Azide Displacement to Prepare Some Symmetrically Substituted Î²-Cyclodextrin Derivatives. Starch/Staerke, 1990, 42, 447-449.	2.1	9
92	Preparation of dioxolane-type fluoren-9-ylidene acetals of carbohydrates and their hydrogenolysis with AlClH 2 to give axial fluoren-9-yl ethers. Carbohydrate Research, 1992, 216, 413-420.	2.3	9
93	Synthesis and reduction of carbohydrate benzylidene hemithioacetal diastereomers with LiAlH4â€“AlCl3. Journal of the Chemical Society Chemical Communications, 1980, , 1234-1235.	2.0	8
94	Formation, Structure, and Synthetic Use of Gluco- and Galactopyranoside Acetophenone Acetals with 1,3-Dioxane Rings. Angewandte Chemie International Edition in English, 1983, 22, 255-256.	4.4	8
95	Synthesis of the tetrasaccharide core region of antigenic lipo-oligosaccharides characteristic of mycobacterium kansasii. Carbohydrate Research, 1988, 175, 241-248.	2.3	8
96	Chemoenzymatic preparation of 2-chloro-4-nitrophenyl Î²-maltooligosaccharide glycosides using glycogen phosphorylase b. Carbohydrate Research, 1999, 315, 180-186.	2.3	8
97	Synthesis of the pentasaccharide hapten from the glycopeptidolipid antigen of Mycobacterium avium serovar 12. Tetrahedron Letters, 2002, 43, 3145-3148.	1.4	8
98	Bildung, Struktur und Synthesepotential von Glucoâ€•und Galactopyranosidâ€Acetophenonacetalen mit 1,3â€Dioxanringen. Angewandte Chemie, 1983, 95, 245-246.	2.0	8
99	Synthesis and 13C-n.m.r. spectroscopic investigation of three methyl rhamnotriosides. Carbohydrate Research, 1984, 131, 39-45.	2.3	7
100	Synthesis of the methyl ethers of methyl 6-deoxy-3-C-methyl-Î±-L-talopyranoside and -Î±-L-mannopyranoside. Examination of the conformation and chromatographic properties of the compounds. Arkivoc, 2003, 2003, 28-45.	0.5	7
101	Synthesis of 3-O-methyl-l-xylose, a component of lipopolysaccharides of Gram-negative bacteria. Carbohydrate Research, 1982, 107, 296-299.	2.3	6
102	A conformational study of dioxolane-type acetals of some carbohydrate derivatives by N.M.R. spectroscopy. Carbohydrate Research, 1985, 136, 241-248.	2.3	6
103	Synthesis and High-Field NMR of Î±-D-Arabinofuranosyl-(1â†'6)-2-AcetamidO-2-Deoxy-<u>O</u>-D-Glucopyranosyl-(1â†'3)-6-Deoxy-L-Talose, the Repeating Unit of an O-Specific Lipopolysaccharide from<u>Pseudomonas</u><u>Maltophilia</u>N.C.I.B. 9204. Journal of Carbohydrate Chemistry, 1988, 7, 337-357.	1.1	6
104	Synthetic Studies Towards theO-Specific Polysaccharide ofShigella Sonnei. Journal of Carbohydrate Chemistry, 2000, 19, 285-310.	1.1	6
105	Cleavage pattern of alkoxy- or aryloxymethyl ethers induced by mixed hydrides. Tetrahedron Letters, 1993, 34, 1991-1994.	1.4	5
106	Synthesis of p-trifluoroacetamidophenyl (4,6-dideoxy-4-formamido-3-C-methyl-2-O-methyl-Î±-l-mannopyranosyl)-(1â†'3)-(2-O-methyl-Î±-d-rhamnopyranosyl)-(1â†'3)-(2-O-methyl-Î± a spacer-armed pentasaccharide glycopeptidolipid antigen of Mycobacterium avium serovar 14. Carbohydrate Research, 1998, 308, 247-258.	2.3	5
107	A first synthesis of sulfonic acid analogues of N-acetylneuraminic acid. Tetrahedron Letters, 2008, 49, 1196-1198.	1.4	5
108	Gas chromatographic investigation of the exo and endo isomers of dioxolane ring benzylidene acetals of some carbohydrates. Journal of Chromatography A, 1978, 147, 401-403.	3.7	3

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109	Circular dichroism of 1,3-dioxane-type (2â€²-naphthyl)methylene acetals of glycosides. Chirality, 2004, 16, 244-250.	2.6	3
110	Quantum chemical studies on the partial hydrogenolysis of methyl 2,3-O-diphenylmethylene-Î±-l-rhamnopyranoside. Tetrahedron Letters, 2011, 52, 1256-1259.	1.4	3
111	Structural analysis by mass spectrometry of oligosaccharides composed of 6-deoxyhexopyranoses. Carbohydrate Research, 1981, 98, 242-246.	2.3	2
112	Synthesis of the tetrasaccharide repeating-unit of the lipopolysaccharide isolated from pseudomonas maltophilia. Carbohydrate Research, 1986, 150, 187-197.	2.3	2
113	HPLC Analysis of the Product Distribution in the Iodine-Catalyzed Methyl Glycosidation of Pentoses and 6-Deoxyhexoses. Journal of Carbohydrate Chemistry, 1998, 17, 359-368.	1.1	2
114	Synthesis of three regioisomers of the pentasaccharide part of the Skp1 glycoprotein of Dictyostelium discoideum. Tetrahedron: Asymmetry, 2009, 20, 808-820.	1.8	2
115	Synthesis of a sulfonic acid mimetic of the sulfated Lewis A pentasaccharide. Carbohydrate Research, 2012, 350, 90-93.	2.3	2
116	Formation, Structure, and Synthetic Use of Acetophenone Acetals with 1,3-Dioxane Rings in Gluco- and Galactopyranosides. Angewandte Chemie International Edition in English, 1983, 22, 254-263.	4.4	1
117	Corrigendum to: Action pattern and subsite mapping ofBacillus licheniformisÎ±-amylase (BLA) with modified maltooligosaccharide substrates (FEBS 26038). FEBS Letters, 2002, 520, 186-186.	2.8	1
118	Sugar C-sulfonic Acids. , 2004, , 181-202.		1
119	Reactions of phenyl and ethyl 2-O-sulfonyl-1-thio-Î±-d-manno- and Î²-d-glucopyranosides with thionucleophiles. Carbohydrate Research, 2009, 344, 2461-2467.	2.3	1