

AndrĀis LiptĀk

List of Publications by Year in descending order

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docs citations

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Synthesis of a sulfonic acid mimetic of the sulfated Lewis A pentasaccharide. <i>Carbohydrate Research</i> , 2012, 350, 90-93. | 1.1 | 2 |
| 4 | 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 |
| 5 | Quantum chemical studies on the partial hydrogenolysis of methyl 2,3-O-diphenylmethylene- β -D-rhamnopyranoside. <i>Tetrahedron Letters</i> , 2011, 52, 1256-1259. | 0.7 | 3 |
| 6 | Synthesis of new sulfonic acid-containing oligosaccharide mimetics of sialyl Lewis A. <i>Tetrahedron</i> , 2010, 66, 2404-2414. | 1.0 | 12 |
| 7 | Synthesis of sulfonic acid analogues of the non-reducing end trisaccharide of the antithrombin binding domain of heparin. <i>Tetrahedron Letters</i> , 2010, 51, 6711-6714. | 0.7 | 13 |
| 8 | 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 |
| 9 | Synthesis of 3,6-branched arabinogalactan-type tetra- and hexasaccharides for characterization of monoclonal antibodies. <i>Carbohydrate Research</i> , 2009, 344, 1434-1441. | 1.1 | 12 |
| 10 | Reactions of phenyl and ethyl 2-O-sulfonyl-1-thio- β -D-manno- and β -D-glucopyranosides with thionucleophiles. <i>Carbohydrate Research</i> , 2009, 344, 2461-2467. | 1.1 | 1 |
| 11 | Synthesis, regioselective hydrogenolysis, partial hydrogenation, and conformational study of dioxane and dioxolane-type (9-anthracenyl)methylene acetals of sugars. <i>Carbohydrate Research</i> , 2009, 344, 2444-2453. | 1.1 | 14 |
| 12 | 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 |
| 13 | 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 |
| 14 | A first synthesis of sulfonic acid analogues of N-acetylneuraminic acid. <i>Tetrahedron Letters</i> , 2008, 49, 1196-1198. | 0.7 | 5 |
| 15 | Synthesis of ketopyranosyl glycosides and determination of their anomeric configuration on the basis of the three-bond carbon-proton couplings. <i>Carbohydrate Research</i> , 2007, 342, 1393-1404. | 1.1 | 10 |
| 16 | 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 |
| 17 | Glycosyl azides of sugar 2-sulfonic acids. <i>Tetrahedron Letters</i> , 2005, 46, 5191-5194. | 0.7 | 14 |
| 18 | Synthesis of fully protected β -D-fucopyranosyl-(1 \rightarrow 2)- β -D-galactopyranosides with a single free hydroxy group at position 2, 3 or 4 using O-(2-naphthyl)methyl (NAP) ether as a temporary protecting group. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 83-95. | 1.8 | 20 |

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|----|---|-----|-----------|
| 19 | Sugar C-sulfonic Acids. , 2004, , 181-202. | | 1 |
| 20 | Circular dichroism of 1,3-dioxane-type (2-naphthyl)methylene acetals of glycosides. Chirality, 2004, 16, 244-250. | 1.3 | 3 |
| 21 | The first synthesis of secondary sugar sulfonic acids by nucleophilic displacement reactions. Tetrahedron Letters, 2004, 45, 839-842. | 0.7 | 18 |
| 22 | Replacement of Carbohydrate Sulfates by Sugar Sulfonic Acid Derivatives. Journal of Carbohydrate Chemistry, 2004, 23, 133-146. | 0.4 | 14 |
| 23 | Synthesis of methyl 6-deoxy-4-O-(sodium sulfonato)- α -L-talopyranoside, its C-4 epimer and both isosteric [4-C-(potassium sulfonatomethyl)] derivatives. Arkivoc, 2004, 2004, 196-207. | 0.3 | 12 |
| 24 | Synthesis of an arabinogalactan-type octa- and two isomeric nonasaccharides. Suitable tuning of protecting groups. Tetrahedron Letters, 2003, 44, 631-635. | 0.7 | 15 |
| 25 | Introducing Transglycosylation Activity into Human Salivary α -Amylase (HSA). Organic Letters, 2003, 5, 4895-4898. | 2.4 | 15 |
| 26 | A General Method for the Synthesis of Sugar 2-C-Sulfonic Acids by 1,2-Arylthio Group Migration in Acid-Sensitive Thioglycosides. Direct Transformation of Thiotrityl Ethers into C-Sulfonic Acids. Organic Letters, 2003, 5, 3671-3674. | 2.4 | 23 |
| 27 | Synthesis of the methyl ethers of methyl 6-deoxy-3-C-methyl- α -L-talopyranoside and α -L-mannopyranoside. Examination of the conformation and chromatographic properties of the compounds. Arkivoc, 2003, 2003, 28-45. | 0.3 | 7 |
| 28 | Successful Combination of (Methoxydimethyl)methyl (MIP) and (2-Naphthyl)methyl (NAP) Ethers for the Synthesis of Arabinogalactan-Type Oligosaccharides. Synlett, 2002, 2002, 0887-0890. | 1.0 | 26 |
| 29 | Action pattern and subsite mapping of <i>Bacillus licheniformis</i> α -amylase (BLA) with modified maltooligosaccharide substrates. FEBS Letters, 2002, 518, 79-82. | 1.3 | 49 |
| 30 | Corrigendum to: Action pattern and subsite mapping of <i>Bacillus licheniformis</i> α -amylase (BLA) with modified maltooligosaccharide substrates (FEBS 26038). FEBS Letters, 2002, 520, 186-186. | 1.3 | 1 |
| 31 | 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. | 1.0 | 37 |
| 32 | Synthesis of the pentasaccharide hapten from the glycopeptidolipid antigen of <i>Mycobacterium avium</i> serovar 12. Tetrahedron Letters, 2002, 43, 3145-3148. | 0.7 | 8 |
| 33 | Mixed acetals of cyclodextrins. Preparation of hexakis-, heptakis- and octakis[2,6-di-O-(methoxydimethyl)methyl]- α -, β - and γ -cyclodextrins. Carbohydrate Research, 2002, 337, 93-96. | 1.1 | 11 |
| 34 | 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 |
| 35 | Synthesis of the pentasaccharide hapten from the glycopeptidolipid antigen of <i>Mycobacterium avium</i> serovar 17. Tetrahedron Letters, 2001, 42, 5283-5286. | 0.7 | 15 |
| 36 | Identification and structural analysis of synthetic oligosaccharides of <i>Shigella sonnei</i> using MALDI-TOF MS. Carbohydrate Research, 2001, 334, 315-322. | 1.1 | 13 |

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|----|--|-----|-----------|
| 37 | Synthesis of the α -D-Galp-(1 \rightarrow 2)- β -D-Galp-(1 \rightarrow 6)- β -D-Galp-(1 \rightarrow 6)-[α -D-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 |
| 38 | 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 |
| 39 | Synthesis of the β -D-Glc pA-(1 \rightarrow 3)- β -D-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 |
| 40 | 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 |
| 41 | Sulfonic acid analogues of the sialyl Lewis X tetrasaccharide. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 549-566. | 1.8 | 23 |
| 42 | 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 |
| 43 | 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 |
| 44 | Sulfonomethyl analogues of aldose-2-ulosonic acids. Synthesis of a new sialyl Lewis X analogue. <i>Tetrahedron Letters</i> , 1999, 40, 3639-3642. | 0.7 | 20 |
| 45 | 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 |
| 46 | Scope and limitation of the application of the (methoxydimethyl)methyl group in the synthesis of 2-O-, 6-O- and 2,6-di-O-(α -D-arabinofuranosyl)- β -D-galactopyranosyl-(1 \rightarrow 6)-D-galactoses. <i>Carbohydrate Research</i> , 1999, 318, 98-109. | | 17 |
| 47 | Synthesis of l-glucose from d-gulono-1,4-lactone. <i>Carbohydrate Research</i> , 1999, 321, 116-120. | 1.1 | 15 |
| 48 | Synthesis of p-trifluoroacetamidophenyl (4,6-dideoxy-4-formamido-3-C-methyl-2-O-methyl- α -D-mannopyranosyl)-(1 \rightarrow 3)-(2-O-methyl- α -D-rhamnopyranosyl)-(1 \rightarrow 3)-(2-O-methyl- β -D-galactopyranosyl)- β -D-galactopyranosyl-(1 \rightarrow 6)-D-galactose a spacer-armed pentasaccharide glycopeptidolipid antigen of <i>Mycobacterium avium</i> serovar 14. <i>Carbohydrate Research</i> , 1998, 308, 247-258. | 1.1 | 5 |
| 49 | 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 |
| 50 | Synthesis and Hydrogenolysis of Dioxolane-Type Diphenyl-Methylene and Fluoren-9-Ylidene Carbohydrate Acetals Containing a Neighbouring Substituted Hydroxyl Function. <i>Journal of Carbohydrate Chemistry</i> , 1997, 16, 1123-1144. | 0.4 | 12 |
| 51 | 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 |
| 52 | 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 |
| 53 | Synthesis of chromogenic substrates of α -amylases on a cyclodextrin basis. <i>Carbohydrate Research</i> , 1997, 303, 407-415. | 1.1 | 42 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | Synthesis of Carbohydrate-Containing Surface Antigens of Mycobacteria. <i>Medicinal Research Reviews</i> , 1994, 14, 307-352. | 5.0 | 13 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 <i>Mycobacterium avium</i> serovar 20. <i>Carbohydrate Research</i> , 1993, 245, 65-80. | 1.1 | 42 |
| 60 | 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 |
| 61 | 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 |
| 62 | Cleavage pattern of alkoxy- or aryloxymethyl ethers induced by mixed hydrides. <i>Tetrahedron Letters</i> , 1993, 34, 1991-1994. | 0.7 | 5 |
| 63 | Hydrogenolysis of Dioxolane-Type Diphenylmethylene Acetals by AlCl ₃ to Axial Diphenylmethyl Ethers. <i>Journal of Carbohydrate Chemistry</i> , 1993, 12, 191-200. | 0.4 | 13 |
| 64 | 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 |
| 65 | 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 |
| 66 | Halogen Azide Displacement to Prepare Some Symmetrically Substituted β -Cyclodextrin Derivatives. <i>Starch/Staerke</i> , 1990, 42, 447-449. | 1.1 | 9 |
| 67 | 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, 281-288. | 1.1 | 25 |
| 68 | Trimethylsilyl Triflate - Catalyzed Acetal Formation Between Silylated Hexopyranosides and Methyl Pyruvate. <i>Journal of Carbohydrate Chemistry</i> , 1989, 8, 629-644. | 0.4 | 19 |
| 69 | Synthesis of four structural elements of xylose-containing carbohydrate chains from N-glycoproteins. <i>Carbohydrate Research</i> , 1989, 186, 51-62. | 1.1 | 60 |
| 70 | 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 |
| 71 | 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 |
| 72 | Synthesis of everninose, a non-reducing disaccharide component of the orthosomycin-type oligosaccharide antibiotics. <i>Carbohydrate Research</i> , 1988, 174, 113-120. | 1.1 | 9 |

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|----|--|-----|-----------|
| 73 | Synthesis of Methyl 1-Thio-L-Rhamnopyranoside-Derivatives. <i>Journal of Carbohydrate Chemistry</i> , 1988, 7, 687-699. | 0.4 | 14 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |
| 79 | Synthesis and hydrogenolysis of the methylene, ethylidene, isopropylidene, and diastereoisomeric 1-phenylethylidene acetals of β -l-arabino- and β -l-rhamnopyranoside derivatives. <i>Carbohydrate Research</i> , 1985, 138, 1-15. | 1.1 | 15 |
| 80 | An approach to oligosaccharide sequencing: 2D n.m.r. DEPT experiment for detection of interglycosidic ¹³ C- ¹ H spin-spin coupling. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 368-370. | 2.0 | 23 |
| 81 | Synthesis and ¹³ C-n.m.r. spectroscopic investigation of three methyl rhamnotriosides. <i>Carbohydrate Research</i> , 1984, 131, 39-45. | 1.1 | 7 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | 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 |
| 86 | Synthesis of O- β -d-mannopyranosyl-(1 \rightarrow '2)-O- β -d-mannopyranosyl-(1 \rightarrow '2)-d-mannose, the repeating unit of the O ₈ -antigen of <i>Escherichia coli</i> . <i>Carbohydrate Research</i> , 1983, 114, 35-41. | 1.1 | 9 |
| 87 | Preparation of mixed-acetal derivatives of carbohydrates by acetal-exchange reactions. <i>Carbohydrate Research</i> , 1983, 113, 225-231. | 1.1 | 21 |
| 88 | Bildung, Struktur und Synthesepotential von Gluco- und Galactopyranosid- α -Acetophenonacetalen mit 1,3-Dioxanringen. <i>Angewandte Chemie</i> , 1983, 95, 245-246. | 1.6 | 8 |
| 89 | Chemo-, stereo- and regioselective hydrogenolysis of carbohydrate benzylidene acetals. Synthesis of benzyl ethers of benzyl β -d-, methyl β -D-mannopyranosides and benzyl β -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 |
| 90 | 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 |

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|-----|--|-----|-----------|
| 91 | Synthesis of 2-O-methyl-d-rhamnose, a constituent of a bacterial lipopolysaccharide. Carbohydrate Research, 1982, 107, 300-302. | 1.1 | 16 |
| 92 | Synthesis and ¹³ C-N.M.R. spectroscopy of 2-O- and 6-O-acetyl-3-O- β -l-rhamnopyranosyl-d-galactose, constituents of bacterial cell-wall polysaccharides. Carbohydrate Research, 1982, 107, 33-41. | 1.1 | 15 |
| 93 | Retention of the anomeric configuration in the imidate procedure: synthesis of disaccharides containing β -l-rhamnopyranosyl and β -d-mannopyranosyl groups. Carbohydrate Research, 1982, 107, C5-C8. | 1.1 | 27 |
| 94 | Synthesis of 2-O- β -, 3-O- β -, 3-O- α -, and 4-O- β -l-rhamnopyranosyl-d-galactose. Carbohydrate Research, 1982, 99, 13-21. | 1.1 | 28 |
| 95 | The regioselectivity of the reductive ring-cleavage of the acetal ring of 4,6-O-benzylidenehexopyranosides. Carbohydrate Research, 1982, 104, 55-67. | 1.1 | 45 |
| 96 | 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. Tetrahedron, 1982, 38, 3489-3497. | 1.0 | 19 |
| 97 | Hydrogenolysis of 3,5-O-benzylidene acetals with the LiAlH ₄ -AlCl ₃ reagent in methyl d-xylofuranosides. Tetrahedron, 1981, 37, 2379-2382. | 1.0 | 17 |
| 98 | Preparation of carbohydrate isopropylidene derivatives with 2,2-dimethoxypropane in the presence of toluene-p-sulphonic acid. Carbohydrate Research, 1981, 92, 154-156. | 1.1 | 65 |
| 99 | Carbohydrate components of flavonol triosides: 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 |
| 100 | Lewis-acid-catalysed isomerisation of benzylidene acetals of methyl β -l-rhamnopyranoside and methyl β -l-arabinopyranoside derivatives. Carbohydrate Research, 1981, 98, 165-171. | 1.1 | 16 |
| 101 | Structural analysis by mass spectrometry of oligosaccharides composed of 6-deoxyhexopyranoses. Carbohydrate Research, 1981, 98, 242-246. | 1.1 | 2 |
| 102 | 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- β -d-glucofuranose. Carbohydrate Research, 1980, 86, 133-136. | 1.1 | 27 |
| 103 | Synthesis of 4-O- β -d-galactopyranosyl-l-rhamnose and 4-O- β -d-galactopyranosyl-2-O- β -d-glucopyranosyl-l-rhamnose using dioxolane-type benzylidene acetals as temporary protecting-groups. Carbohydrate Research, 1980, 80, 233-239. | 1.1 | 24 |
| 104 | Synthesis and ¹³ C-NMR spectroscopic investigations of rhamnobiases. Tetrahedron, 1980, 36, 1261-1268. | 1.0 | 62 |
| 105 | Synthesis and reduction of carbohydrate benzylidene hemithioacetal diastereomers with LiAlH ₄ -AlCl ₃ . Journal of the Chemical Society Chemical Communications, 1980, , 1234-1235. | 2.0 | 8 |
| 106 | A simple method for the synthesis of benzyl 4-O-benzylhexopyranosides. Carbohydrate Research, 1979, 68, 151-154. | 1.1 | 13 |
| 107 | Unambiguous synthesis of (1 \rightarrow 2)- and (1 \rightarrow 3)-rhamnopyranosyl-rhamnopyranose derivatives and their ¹³ C-NMR study. Tetrahedron Letters, 1979, 20, 741-744. | 0.7 | 26 |
| 108 | Hydrogenolysis of dioxolane-type benzylidene derivatives: a convenient preparation of methyl 2-O-benzyl- and 3-O-benzyl-4,6-O-benzylidene- β -d-mannopyranoside. Carbohydrate Research, 1979, 73, 327-331. | 1.1 | 31 |

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|-----|---|-----|-----------|
| 109 | Structure proof of muricatin B: 11-hydroxy hexadecanoic acid dirhamnoside. <i>Phytochemistry</i> , 1978, 17, 997-999. | 1.4 | 9 |
| 110 | Synthesis of mono- and di-benzyl ethers of benzyl β -L-rhamnopyranoside. <i>Carbohydrate Research</i> , 1978, 65, 209-217. | 1.1 | 47 |
| 111 | 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 |
| 112 | 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 |
| 113 | ^{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 |
| 114 | A general method for the preparation of 2, 6-di-O-glycosyl hexopyranoses. Synthesis of O- β -D-galactopyranosyl-(1 \rightarrow 2)-O- [β -L-rhamnopyranosyl-(1 \rightarrow 6)]-D-galactopyranose decaacetate. <i>Tetrahedron Letters</i> , 1977, 18, 921-924. | 0.7 | 16 |
| 115 | Hydrogenolysis of the dioxolan type - and - benzylidene derivatives of carbohydrates with the $\text{LiAlH}_4\text{-AlCl}_3$ reagent. <i>Tetrahedron Letters</i> , 1976, 17, 3551-3554. | 0.7 | 51 |
| 116 | Stereoselective hydrogenolysis of exo- and endo-2,3-benzylidene acetals of hexopyranosides. <i>Carbohydrate Research</i> , 1976, 51, C19-C21. | 1.1 | 47 |
| 117 | Hydrogenolysis of benzylidene acetals: synthesis of benzyl 2,3,6,2',3',4'-hexa-O-benzyl- β -cellobioside, -maltoside, and -lactoside, benzyl 2,3,4,2',3',4'-hexa-O-benzyl- β -allolactoside, and benzyl 2,3,6,2',3',6'-hexa-O-benzyl- β -lactoside. <i>Carbohydrate Research</i> , 1976, 52, 17-22. | 1.1 | 43 |
| 118 | A convenient synthesis of O- β -L-rhamnopyranosyl-(1 \rightarrow 4)-O- β -L-rhamnopyranosyl-(1 \rightarrow 6)-D-galactopyranose nona-acetate. <i>Carbohydrate Research</i> , 1975, 44, 313-316. | 1.1 | 13 |
| 119 | Stereoselective ring-cleavage of 3-O-benzyl- and 2,3-di-O-benzyl-4,6-O-benzylidenehexopyranoside derivatives with the $\text{LiAlH}_4\text{-AlCl}_3$ reagent. <i>Carbohydrate Research</i> , 1975, 44, 1-11. | 1.1 | 249 |