# Maria M Corsaro

## List of Publications by Year in Descending Order



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| 141 papers | 2,412 citations | 29 h-index | 38 g-index |
| 147 ext. papers | 2,821 ext. citations | 4.1 avg, IF | 4.64 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 141 | Capsular polysaccharide from a fish-gut bacterium induces/promotes apoptosis of colon cancer cells in vitro through CaspasesSpathway activation.. *Carbohydrate Polymers*, **2022**, 278, 118908 | 10.3 | 0 |
| 140 | Membrane and Extracellular Matrix Glycopolymers of 34H: Structural Changes at Different Growth Temperatures.. *Frontiers in Microbiology*, **2022**, 13, 820714 | 5.7 | |
| 139 | Limosilactobacillus fermentum from buffalo milk is suitable for potential biotechnological process development and inhibits Helicobacter pylori in a gastric epithelial cell model. *Biotechnology Reports (Amsterdam, Netherlands)*, **2022**, e00732 | 5.3 | 1 |
| 138 | Physicochemical Approach to Understanding the Structure, Conformation, and Activity of Mannan Polysaccharides. *Biomacromolecules*, **2021**, 22, 1445-1457 | 6.9 | 5 |
| 137 | Rheological and emulsifying properties of an exopolysaccharide produced by potential probiotic Leuconostoc citreum-BMS strain. *Carbohydrate Polymers*, **2021**, 256, 117523 | 10.3 | 13 |
| 136 | Anti-Virulence Activity of the Cell-Free Supernatant of the Antarctic Bacterium sp. TAE2020 against Clinical Isolates from Cystic Fibrosis Patients. *Antibiotics*, **2021**, 10, | 4.9 | 2 |
| 135 | Pentadecanoic acid against Candida albicans-Klebsiella pneumoniae biofilm: towards the development of an anti-biofilm coating to prevent polymicrobial infections. *Research in Microbiology*, **2021**, 172, 103880 | 4 | 5 |
| 134 | The power of two: An artificial microbial consortium for the conversion of inulin into Polyhydroxyalkanoates. *International Journal of Biological Macromolecules*, **2021**, 189, 494-502 | 7.9 | 4 |
| 133 | O-specific polysaccharide structure isolated from the LPS of the Antarctic bacterium Pseudomonas ANT_J38B. *Carbohydrate Research*, **2020**, 497, 108125 | 2.9 | 0 |
| 132 | Evaluation of Two Extraction Methods for the Analysis of Hydrophilic Low Molecular Weight Compounds from Ganoderma lucidum Spores and Antiproliferative Activity on Human Cell Lines. *Applied Sciences (Switzerland)*, **2020**, 10, 4033 | 2.6 | 0 |
| 131 | Pentadecanal and pentadecanoic acid coatings reduce biofilm formation of Staphylococcus epidermidis on PDMS. *Pathogens and Disease*, **2020**, 78, | 4.2 | 1 |
| 130 | Detailed Structural Characterization of the Lipooligosaccharide from the Extracellular Membrane Vesicles of HM13. *Marine Drugs*, **2020**, 18, | 6 | 4 |
| 129 | Statistical optimization of levan: Influence of the parameter on levan structure and angiotensin I-converting enzyme inhibitory. *International Journal of Biological Macromolecules*, **2020**, 158, 945-952 | 7.9 | 3 |
| 128 | The Union Is Strength: The Synergic Action of Long Fatty Acids and a Bacteriophage against Biofilm. *Microorganisms*, **2020**, 9, | 4.9 | 6 |
| 127 | Levan from a new isolated Bacillus subtilis AF17: Purification, structural analysis and antioxidant activities. *International Journal of Biological Macromolecules*, **2020**, 144, 316-324 | 7.9 | 28 |
| 126 | Cell-wall associated polysaccharide from the psychrotolerant bacterium Psychrobacter arcticus 273-4: isolation, purification and structural elucidation. *Extremophiles*, **2020**, 24, 63-70 | 3 | 5 |
| 125 | Lactobacillus brevis CD2: Fermentation Strategies and Extracellular Metabolites Characterization. *Probiotics and Antimicrobial Proteins*, **2020**, 12, 1542-1554 | 5.5 | 2 |

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| 124 | Potential biotechnological properties of an exopolysaccharide produced by newly isolated Bacillus tequilensis-GM from spontaneously fermented goat milk. *LWT - Food Science and Technology*, **2019**, 105, 135-141 | 5.4 | 19 |
| 123 | Isolation and structural characterization of levan produced by probiotic Bacillus tequilensis-GM from Tunisian fermented goat milk. *International Journal of Biological Macromolecules*, **2019**, 133, 786-794 | 7.9 | 16 |
| 122 | Effects of human antimicrobial cryptides identified in apolipoprotein B depend on specific features of bacterial strains. *Scientific Reports*, **2019**, 9, 6728 | 4.9 | 21 |
| 121 | Synthesis of the tetrasaccharide repeating unit of the cryoprotectant capsular polysaccharide from Colwellia psychrerythraea 34H. *Organic and Biomolecular Chemistry*, **2019**, 17, 3129-3140 | 3.9 | 4 |
| 120 | The outer membrane glycolipids of bacteria from cold environments: isolation, characterization, and biological activity. *FEMS Microbiology Ecology*, **2019**, 95, | 4.3 | 2 |
| 119 | Cold-adapted bacterial extracts as a source of anti-infective and antimicrobial compounds against. *Future Microbiology*, **2019**, 14, 1369-1382 | 2.9 | 6 |
| 118 | GlcNAc De--Acetylase from the Hyperthermophilic Archaeon. *Applied and Environmental Microbiology*, **2019**, 85, | 4.8 | 5 |
| 117 | Structural Elucidation of a Novel Lipooligosaccharide from the Antarctic Bacterium OMVs Producer sp. HM13. *Marine Drugs*, **2019**, 17, | 6 | 8 |
| 116 | Environmental conditions shape the biofilm of the Antarctic bacterium Pseudoalteromonas haloplanktis TAC125. *Microbiological Research*, **2019**, 218, 66-75 | 5.3 | 13 |
| 115 | Production and structural characterization of exopolysaccharides from newly isolated probiotic lactic acid bacteria. *International Journal of Biological Macromolecules*, **2018**, 108, 719-728 | 7.9 | 87 |
| 114 | Exopolysaccharides from Marine and Marine Extremophilic Bacteria: Structures, Properties, Ecological Roles and Applications. *Marine Drugs*, **2018**, 16, | 6 | 83 |
| 113 | Getting value from the waste: recombinant production of a sweet protein by Lactococcus lactis grown on cheese whey. *Microbial Cell Factories*, **2018**, 17, 126 | 6.4 | 6 |
| 112 | Lipid A structural characterization from the LPS of the Siberian psychro-tolerant Psychrobacter arcticus 273-4 grown at low temperature. *Extremophiles*, **2018**, 22, 955-963 | 3 | 2 |
| 111 | Role of phage ?1 in two strains of Salmonella Rissen, sensitive and resistant to phage ?1. *BMC Microbiology*, **2018**, 18, 208 | 4.5 | 5 |
| 110 | Pentadecanal inspired molecules as new anti-biofilm agents against Staphylococcus epidermidis. *Biofouling*, **2018**, 34, 1110-1120 | 3.3 | 12 |
| 109 | A Marine Isolate of Secretes a Pumilacidin Active against. *Marine Drugs*, **2018**, 16, | 6 | 25 |
| 108 | The ⊟Thioglycoligase Derived from a GH89 ⊟N-Acetylglucosaminidase Synthesises ⊟N-Acetylglucosamine-Based Glycosides of Biomedical Interest. *Advanced Synthesis and Catalysis*, **2017**, 359, 663-676 | 5.6 | 12 |
| 107 | A multi-analytical approach to better assess the keratan sulfate contamination in animal origin chondroitin sulfate. *Analytica Chimica Acta*, **2017**, 958, 59-70 | 6.6 | 30 |

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| 106 | Development of Clickable Monophosphoryl Lipid A Derivatives toward Semisynthetic Conjugates with Tumor-Associated Carbohydrate Antigens. *Journal of Medicinal Chemistry*, **2017**, 60, 9757-9768 | 8.3 | 8 |
| 105 | Structural characterization of an all-aminosugar-containing capsular polysaccharide from Colwellia psychrerythraea 34H. *Antonie Van Leeuwenhoek*, **2017**, 110, 1377-1387 | 2.1 | 20 |
| 104 | Decoration of Chondroitin Polysaccharide with Threonine: Synthesis, Conformational Study, and Ice-Recrystallization Inhibition Activity. *Biomacromolecules*, **2017**, 18, 2267-2276 | 6.9 | 11 |
| 103 | Unusual Lipid A from a Cold-Adapted Bacterium: Detailed Structural Characterization. *ChemBioChem*, **2017**, 18, 1845-1854 | 3.8 | 17 |
| 102 | Structure-activity relationship of the exopolysaccharide from a psychrophilic bacterium: A strategy for cryoprotection. *Carbohydrate Polymers*, **2017**, 156, 364-371 | 10.3 | 55 |
| 101 | Introducing transgalactosylation activity into a family 42 β-galactosidase. *Glycobiology*, **2017**, 27, 425-437 | 5.8 | 10 |
| 100 | Structural Characterization of Core Region in Erwinia amylovora Lipopolysaccharide. *International Journal of Molecular Sciences*, **2017**, 18, | 6.3 | 1 |
| 99 | Anti-Biofilm Activity of a Long-Chain Fatty Aldehyde from Antarctic TAC125 against Biofilm. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 46 | 5.9 | 35 |
| 98 | Molecular Structure of Lipopolysaccharides of Cold-Adapted Bacteria **2017**, 285-303 | | 3 |
| 97 | Structural characterization of the lipid A from the LPS of the haloalkaliphilic bacterium Halomonas pantelleriensis. *Extremophiles*, **2016**, 20, 687-94 | 3 | 4 |
| 96 | Large-scale biofilm cultivation of Antarctic bacterium Pseudoalteromonas haloplanktis TAC125 for physiologic studies and drug discovery. *Extremophiles*, **2016**, 20, 227-34 | 3 | 6 |
| 95 | PRODUCTION OF BIOPLASTIC FROM WASTE OILS BY RECOMBINANT Escherichia coli: A PIT-STOP IN WASTE FRYING OIL TO BIO-DIESEL CONVERSION RACE. *Environmental Engineering and Management Journal*, **2016**, 15, 2003-2010 | 0.6 | 4 |
| 94 | A Semisynthetic Approach to New Immunoadjuvant Candidates: Site-Selective Chemical Manipulation of Escherichia coli Monophosphoryl Lipid A. *Chemistry - A European Journal*, **2016**, 22, 11053-63 | 4.8 | 9 |
| 93 | Light-induced changes in the photosynthetic physiology and biochemistry in the diatom Skeletonema marinoi. *Algal Research*, **2016**, 17, 1-13 | 5 | 40 |
| 92 | Mass Spectrometry: Updates in the Elucidation of Structure of Oligosaccharides **2015**, 93-119 | | |
| 91 | Synthesis of the tetrasaccharide outer core fragment of Burkholderia multivorans lipooligosaccharide. *Carbohydrate Research*, **2015**, 403, 182-91 | 2.9 | 6 |
| 90 | Production of medium chain length polyhydroxyalkanoates from waste oils by recombinantEscherichia coli. *Engineering in Life Sciences*, **2015**, 15, 700-709 | 3.4 | 7 |
| 89 | Structural Investigation of the Oligosaccharide Portion Isolated from the Lipooligosaccharide of the Permafrost Psychrophile Psychrobacter arcticus 273-4. *Marine Drugs*, **2015**, 13, 4539-55 | 6 | 17 |

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| 88 | Anti-biofilm activity of pseudoalteromonas haloplanktis tac125 against staphylococcus epidermidis biofilm: Evidence of a signal molecule involvement?. *International Journal of Immunopathology and Pharmacology*, **2015**, 28, 104-13 | 3 | 22 |
| 87 | A unique capsular polysaccharide structure from the psychrophilic marine bacterium Colwellia psychrerythraea 34H that mimics antifreeze (glyco)proteins. *Journal of the American Chemical Society*, **2015**, 137, 179-89 | 16.4 | 55 |
| 86 | Structural investigation of the antagonist LPS from the cyanobacterium Oscillatoria planktothrix FP1. *Carbohydrate Research*, **2014**, 388, 73-80 | 2.9 | 23 |
| 85 | Light modulation of biomass and macromolecular composition of the diatom Skeletonema marinoi. *Journal of Biotechnology*, **2014**, 192 Pt A, 114-22 | 3.7 | 17 |
| 84 | A combined fermentative-chemical approach for the scalable production of pure E. coli monophosphoryl lipid A. *Applied Microbiology and Biotechnology*, **2014**, 98, 7781-91 | 5.7 | 8 |
| 83 | Structural characterization of the core oligosaccharide isolated from the lipopolysaccharide of the haloalkaliphilic bacterium Salinivibrio sharmensis strain BAG(T). *Carbohydrate Research*, **2013**, 368, 61-7 | 2.9 | 4 |
| 82 | Structural Characterization of the Core Oligosaccharide Isolated from the Lipo□polysaccharide of the Psychrophilic Bacterium Colwellia psychrerythraea Strain 34H. *European Journal of Organic Chemistry*, **2013**, 2013, 3771-3779 | 3.2 | 15 |
| 81 | The Lipid A from the haloalkaliphilic bacterium Salinivibrio sharmensis strain BAG(T). *Marine Drugs*, **2013**, 11, 184-93 | 6 | 6 |
| 80 | Characterization of the core oligosaccharide and the O-antigen biological repeating unit from Halomonas stevensii lipopolysaccharide: the first case of O-antigen linked to the inner core. *Chemistry - A European Journal*, **2012**, 18, 3729-35 | 4.8 | 11 |
| 79 | Exploitation of □glycosyl azides for the preparation of □glycosynthases. *Biocatalysis and Biotransformation*, **2012**, 30, 288-295 | 2.5 | 3 |
| 78 | Effects of lipopolysaccharide biosynthesis mutations on K1 polysaccharide association with the Escherichia coli cell surface. *Journal of Bacteriology*, **2012**, 194, 3356-67 | 3.5 | 14 |
| 77 | Differences between the glycosylation patterns of haptoglobin isolated from skin scales and plasma of psoriatic patients. *PLoS ONE*, **2012**, 7, e52040 | 3.7 | 10 |
| 76 | Structural characterization of the O-chain polysaccharide from an environmentally beneficial bacterium Pseudomonas chlororaphis subsp. aureofaciens strain M71. *Carbohydrate Research*, **2011** , 346, 2705-9 | 2.9 | 10 |
| 75 | Structural determination of the O-specific polysaccharide from Aeromonas hydrophila strain A19 (serogroup O:14) with S-layer. *Carbohydrate Research*, **2011**, 346, 2519-22 | 2.9 | 7 |
| 74 | Structural investigation and biological activity of the lipooligosaccharide from the psychrophilic bacterium Pseudoalteromonas haloplanktis TAB 23. *Chemistry - A European Journal*, **2011**, 17, 7053-60 | 4.8 | 29 |
| 73 | O-chain structure from the lipopolysaccharide of the human pathogen Halomonas stevensii strain S18214. *Carbohydrate Research*, **2011**, 346, 362-5 | 2.9 | 10 |
| 72 | A novel alpha-D-galactosynthase from Thermotoga maritima converts beta-D-galactopyranosyl azide to alpha-galacto-oligosaccharides. *Glycobiology*, **2011**, 21, 448-56 | 5.8 | 32 |
| 71 | Quantitative determination of haptoglobin glycoform variants in psoriasis. *Biological Chemistry*, **2010**, 391, 1429-39 | 4.5 | 10 |

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| 70 | A new archaeal beta-glycosidase from Sulfolobus solfataricus: seeding a novel retaining beta-glycan-specific glycoside hydrolase family along with the human non-lysosomal glucosylceramidase GBA2. *Journal of Biological Chemistry*, **2010**, 285, 20691-703 | 5.4 | 38 |
| 69 | Structural characterization of the core region from the lipopolysaccharide of the haloalkaliphilic bacterium Halomonas alkaliantarctica strain CRSS. *Organic and Biomolecular Chemistry*, **2010**, 8, 5404-10 | 3.9 | 6 |
| 68 | The complete structure of the core of the LPS from Plesiomonas shigelloides 302-73 and the identification of its O-antigen biological repeating unit. *Carbohydrate Research*, **2010**, 345, 2523-8 | 2.9 | 22 |
| 67 | The presence of OMP inclusion bodies in a Escherichia coli K-12 mutated strain is not related to lipopolysaccharide structure. *Journal of Biochemistry*, **2009**, 146, 231-40 | 3.1 | 3 |
| 66 | Structure of the Core Region from the Lipopolysaccharide of Plesiomonas shigelloides Strain 302-73 (Serotype O1). *European Journal of Organic Chemistry*, **2009**, 2009, 1365-1371 | 3.2 | 16 |
| 65 | Structural determination of the O-chain polysaccharide from the haloalkaliphilic Halomonas alkaliantarctica bacterium strain CRSS. *Carbohydrate Research*, **2009**, 344, 2051-5 | 2.9 | 12 |
| 64 | beta-Glycosyl azides as substrates for alpha-glycosynthases: preparation of efficient alpha-L-fucosynthases. *Chemistry and Biology*, **2009**, 16, 1097-108 | | 54 |
| 63 | Design of new reaction conditions for characterization of a mutant thermophilic □-fucosidase. *Biocatalysis and Biotransformation*, **2008**, 26, 18-24 | 2.5 | 5 |
| 62 | Highly phosphorylated core oligosaccharide structures from cold-adapted Psychromonas arctica. *Chemistry - A European Journal*, **2008**, 14, 9368-76 | 4.8 | 30 |
| 61 | Structural Characterization of the Core Region of the Lipopolysaccharide from the Haloalkaliphilic Halomonas pantelleriensis: Identification of the Biological O-Antigen Repeating Unit. *European Journal of Organic Chemistry*, **2008**, 2008, 721-728 | 3.2 | 13 |
| 60 | Structural Studies of the O-Chain Polysaccharide from Plesiomonas shigelloides Strain 302□3 (Serotype O1). *European Journal of Organic Chemistry*, **2008**, 2008, 3149-3155 | 3.2 | 23 |
| 59 | Isolation and characterization of a new family 42 beta-galactosidase from the thermoacidophilic bacterium Alicyclobacillus acidocaldarius: identification of the active site residues. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2008**, 1784, 292-301 | 4 | 38 |
| 58 | O-allyl decoration on alpha-glucan isolated from the haloalkaliphilic Halomonas pantelleriensis bacterium. *Carbohydrate Research*, **2007**, 342, 1271-4 | 2.9 | 5 |
| 57 | A second galacturonic acid transferase is required for core lipopolysaccharide biosynthesis and complete capsule association with the cell surface in Klebsiella pneumoniae. *Journal of Bacteriology* , **2007**, 189, 1128-37 | 3.5 | 25 |
| 56 | Structural Determination of the O-Chain Polysaccharide from the Lipopolysaccharide of the Haloalkaliphilic Halomonas pantelleriensis Bacterium. *European Journal of Organic Chemistry*, **2006**, 2006, 1801-1808 | 3.2 | 16 |
| 55 | The ionic interaction of Klebsiella pneumoniae K2 capsule and core lipopolysaccharide. *Microbiology (United Kingdom)*, **2006**, 152, 1807-1818 | 2.9 | 38 |
| 54 | Preparation of a glycosynthase from the □-glycosidase of the Archaeon Pyrococcus horikoshii. *Biocatalysis and Biotransformation*, **2006**, 24, 23-29 | 2.5 | 8 |
| 53 | 1H and 13C NMR characterization and secondary structure of the K2 polysaccharide of Klebsiella pneumoniae strain 52145. *Carbohydrate Research*, **2005**, 340, 2212-7 | 2.9 | 45 |

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| 52 | The incorporation of glucosamine into enterobacterial core lipopolysaccharide: two enzymatic steps are required. *Journal of Biological Chemistry*, **2005**, 280, 36648-56 | 5.4 | 13 |
| 51 | A second outer-core region in Klebsiella pneumoniae lipopolysaccharide. *Journal of Bacteriology*, **2005**, 187, 4198-206 | 3.5 | 40 |
| 50 | Influence of growth temperature on lipid and phosphate contents of surface polysaccharides from the antarctic bacterium Pseudoalteromonas haloplanktis TAC 125. *Journal of Bacteriology*, **2004**, 186, 29-34 | 3.5 | 52 |
| 49 | Structure of Lipid A from Pseudomonas corrugata by electrospray ionization quadrupole time-of-flight tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2004**, 18, 853-8 | 2.2 | 14 |
| 48 | Synthesis of a D-rhamnose branched tetrasaccharide, repeating unit of the O-chain from Pseudomonas syringae pv. Syringae (cerasi) 435. *Carbohydrate Research*, **2004**, 339, 1907-15 | 2.9 | 8 |
| 47 | Reaction of peroxynitrite with hyaluronan and related saccharides. *Free Radical Research*, **2004**, 38, 343-53 | 4 | 24 |
| 46 | Exopolysaccharides produced by plant pathogenic bacteria affect ascorbate metabolism in Nicotiana tabacum. *Plant and Cell Physiology*, **2003**, 44, 803-10 | 4.9 | 27 |
| 45 | Effect of chronic administration of tacrolimus and cyclosporine on human gastrointestinal permeability. *Liver Transplantation*, **2003**, 9, 484-8 | 4.5 | 15 |
| 44 | Hyaluronate tetrasaccharide- Cu(II) interaction: a NMR study. *Biopolymers*, **2003**, 70, 260-9 | 2.2 | 3 |
| 43 | Determination of phosphorylation sites in lipooligosaccharides from Pseudoalteromonas haloplanktis TAC 125 grown at 15 degrees C and 25 degrees C by nano-electrospray ionization quadrupole time-of-flight tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2003**, 17, 2226-32 | 2.2 | 13 |
| 42 | Simultaneous gas-chromatographic measurement of rhamnose, lactulose and sucrose and their application in the testing gastrointestinal permeability. *Clinica Chimica Acta*, **2003**, 338, 25-32 | 6.2 | 18 |
| 41 | The Klebsiella pneumoniae wabG gene: role in biosynthesis of the core lipopolysaccharide and virulence. *Journal of Bacteriology*, **2003**, 185, 7213-21 | 3.5 | 65 |
| 40 | Lipid A structure of Pseudoalteromonas haloplanktis TAC 125: use of electrospray ionization tandem mass spectrometry for the determination of fatty acid distribution. *Journal of Mass Spectrometry*, **2002**, 37, 481-8 | 2.2 | 38 |
| 39 | 5,7-Diamino-5,7,9-trideoxynon-2-ulosonic acid: a novel sugar from a phytopathogenic Pseudomonas lipopolysaccharide. *Carbohydrate Research*, **2002**, 337, 955-9 | 2.9 | 7 |
| 38 | Identification of novel splice variants of the human catalytic subunit Cbeta of cAMP-dependent protein kinase. *FEBS Journal*, **2001**, 268, 5066-73 | | 44 |
| 37 | Structural investigation on the lipooligosaccharide fraction of psychrophilic Pseudoalteromonas haloplanktis TAC 125 bacterium. *FEBS Journal*, **2001**, 268, 5092-7 | | 29 |
| 36 | Structural determination of the phytotoxic mannan exopolysaccharide from Pseudomonas syringae pv. ciccaronei. *Carbohydrate Research*, **2001**, 330, 271-7 | 2.9 | 26 |
| 35 | Cyto-physiological events during radish germination in the presence of a Ruta graveolens L. infusion. *Plant Biosystems*, **2001**, 135, 263-270 | 1.6 | 1 |

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| 34 | Simultaneous synthesis of all partially methylated alditol acetates of glucosamine and galactosamine for gas chromatography-mass spectrometry analysis. *Analytical Biochemistry*, **2000**, 282, 256-7 | 3.1 | 4 |
| 33 | Structural characterization of a xylanase from psychrophilic yeast by mass spectrometry. *Glycobiology*, **2000**, 10, 451-8 | 5.8 | 31 |
| 32 | Structure determination of an exopolysaccharide from an alkaliphilic bacterium closely related to Bacillus spp. *FEBS Journal*, **1999**, 264, 554-61 | | 21 |
| 31 | Structural determination of the O-deacetylated O-chain of lipopolysaccharide from Burkholderia (Pseudomonas) cepacia strain PVFi-5A. *Carbohydrate Research*, **1998**, 307, 333-41 | 2.9 | 7 |
| 30 | Chemical structure of two phytotoxic exopolysaccharides produced by Phomopsis foeniculi. *Carbohydrate Research*, **1998**, 308, 349-57 | 2.9 | 35 |
| 29 | Phytotoxic extracellular polysaccharide fractions from Cryphonectria parasitica (Murr.) Barr strains. *Carbohydrate Polymers*, **1998**, 37, 167-172 | 10.3 | 30 |
| 28 | Lipopolysaccharides from three phytopathogenic pseudomonads. *Phytochemistry*, **1997**, 46, 289-92 | 4 | 1 |
| 27 | Structural investigation of the polysaccharide fraction from the mucilage of Diceroaryum zanguebaricum Merr. *Carbohydrate Research*, **1996**, 280, 111-9 | 2.9 | 7 |
| 26 | Caryose: a carbocyclic monosaccharide from Pseudomonas caryophylli. *Carbohydrate Research*, **1996**, 284, 111-118 | 2.9 | 35 |
| 25 | Analysis of the polysaccharide components of the lipopolysaccharide fraction of Pseudomonas caryophylli. *Carbohydrate Research*, **1996**, 284, 119-133 | 2.9 | 31 |
| 24 | Pollen hemagglutinating activity is not related to lectin. *Sexual Plant Reproduction*, **1995**, 8, 91 | | 2 |
| 23 | Polysaccharides from seeds of Strychnos species. *Phytochemistry*, **1995**, 39, 1377-80 | 4 | 20 |
| 22 | Synthesis of Methyl 3-Acetamido-3,6-dideoxy-l-galactopyranosides and of Methyl 3-Acetamido-3,6-dideoxy-l-gulopyranosides by Reduction of 3-Ulose O-Methyloximes. *Journal of Carbohydrate Chemistry*, **1995**, 14, 913-928 | 1.7 | 5 |
| 21 | Ranuncoside VII - A New Oleanane Glycoside From Hydrocotyle ranunculoides. *Natural Product Research*, **1995**, 6, 95-102 | | 7 |
| 20 | A novel 4-C-branched sugar from the lipopolysaccharide of the bacterium Pseudomonas caryophylli. *Carbohydrate Research*, **1995**, 267, 307-311 | 2.9 | 27 |
| 19 | The relative and absolute configurations of stereocenters in caryophyllose. *Carbohydrate Research*, **1995**, 274, 223-232 | 2.9 | 27 |
| 18 | Foeniculoxin, a new phytotoxic geranylhydroquinone from. *Tetrahedron*, **1994**, 50, 10371-10378 | 2.4 | 18 |
| 17 | Composition of the coagulant polysaccharide fraction from Strychnos potatorum seeds. *Carbohydrate Research*, **1994**, 263, 103-10 | 2.9 | 46 |

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| 16 | Structural investigation of Ceratozamia spinosa mucilage. *Carbohydrate Research*, **1994**, 260, 259-70 | 2.9 | 5 |
| 15 | Cycloartane glucosides from Juncus effusus. *Phytochemistry*, **1994**, 37, 515-9 | 4 | 15 |
| 14 | Structure of the O-chain polysaccharide of three strains of Pseudomonas syringae ssp. savastanoi. *Canadian Journal of Chemistry*, **1994**, 72, 1839-1843 | 0.9 | 6 |
| 13 | Synthesis and 13C NMR Spectra of 1,8-Dihydroxy-10-glycopyranosyl-9(10H)-anthracenones. *Journal of Carbohydrate Chemistry*, **1993**, 12, 903-911 | 1.7 | 1 |
| 12 | Triterpenoid oligoglycosides from Chionodoxa luciliae. *Phytochemistry*, **1993**, 34, 773-8 | 4 | 7 |
| 11 | Nortriterpenoid oligoglycosides from Chionodoxa luciliae. *Phytochemistry*, **1993**, 33, 431-6 | 4 | 9 |
| 10 | Homoisoflavanones from Chionodoxa luciliae. *Phytochemistry*, **1992**, 31, 1395-1397 | 4 | 25 |
| 9 | Studies of an acidic polysaccharide from Encephalartos friderici guilielmi. *Carbohydrate Research*, **1991**, 222, 215-21 | 2.9 | 6 |
| 8 | Bianthrone -glycosides. 2. Three new compounds from tubers. *Tetrahedron*, **1990**, 46, 1287-1294 | 2.4 | 16 |
| 7 | A bianthrone C-glycoside from Asphodelus ramosus tubers. *Phytochemistry*, **1989**, 28, 284-288 | 4 | 22 |
| 6 | Absolute configuration of homoisoflavanones from species. *Tetrahedron*, **1988**, 44, 4981-4988 | 2.4 | 46 |
| 5 | Homoisoflavanones from Muscari neglectum. *Phytochemistry*, **1988**, 27, 921-923 | 4 | 31 |
| 4 | Glycosides from Muscari armeniacum and Muscari botryoides. Isolation and structure of Muscarosides GI-N. *Canadian Journal of Chemistry*, **1988**, 66, 2787-2793 | 0.9 | 15 |
| 3 | Glycosides from Muscaricomosum. 7. Structure of three novel muscarosides. *Canadian Journal of Chemistry*, **1987**, 65, 2317-2326 | 0.9 | 14 |
| 2 | Ten homoisoflavanones from two Muscari species. *Phytochemistry*, **1986**, 26, 285-290 | 4 | 29 |
| 1 | Levan produced by Bacillus subtilis AF17: Thermal, functional and rheological properties. *Journal of Food Measurement and Characterization*,1 | 2.8 | 1 |