

Nicola L B Pohl

List of Publications by Year in descending order

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115
papers

3,944
citations

136885

32
h-index

138417

58
g-index

132
all docs

132
docs citations

132
times ranked

3946
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Strength in numbers: non-natural polyvalent carbohydrate derivatives. <i>Chemistry and Biology</i> , 1996, 3, 71-77. | 6.2 | 360 |
| 2 | Fluorous-Based Carbohydrate Microarrays. <i>Journal of the American Chemical Society</i> , 2005, 127, 13162-13163. | 6.6 | 229 |
| 3 | Substrate specificity of bacterial oligosaccharyltransferase suggests a common transfer mechanism for the bacterial and eukaryotic systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7088-7093. | 3.3 | 177 |
| 4 | Toward solution-phase automated iterative synthesis: fluorous-tag assisted solution-phase synthesis of linear and branched mannose oligomers. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2686. | 1.5 | 124 |
| 5 | Mannose-Functionalized "Pathogen-like" Polyanhydride Nanoparticles Target C-Type Lectin Receptors on Dendritic Cells. <i>Molecular Pharmaceutics</i> , 2011, 8, 1877-1886. | 2.3 | 118 |
| 6 | Overcoming the limited availability of human milk oligosaccharides: challenges and opportunities for research and application. <i>Nutrition Reviews</i> , 2016, 74, 635-644. | 2.6 | 109 |
| 7 | Advancing Solutions to the Carbohydrate Sequencing Challenge. <i>Journal of the American Chemical Society</i> , 2019, 141, 14463-14479. | 6.6 | 108 |
| 8 | Spectral and thermodynamic properties of Ag(I), Au(III), Cd(II), Co(II), Fe(III), Hg(II), Mn(II), Ni(II), Pb(II), U(IV), and Zn(II) binding by methanobactin from <i>Methylosinus trichosporium</i> ÖB3b. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 2150-2161. | 1.5 | 106 |
| 9 | Recent Advances in the Analysis of Complex Glycoproteins. <i>Analytical Chemistry</i> , 2017, 89, 389-413. | 3.2 | 106 |
| 10 | Synthesis and Quantitative Evaluation of α -D-Glucopyranosylmannose Binding to Concanavalin A by Fluorous-Tag Assistance. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1707-1710. | 7.2 | 94 |
| 11 | Cloning, Nucleotide Sequence, and Heterologous Expression of the Biosynthetic Gene Cluster for R1128, a Non-steroidal Estrogen Receptor Antagonist. <i>Journal of Biological Chemistry</i> , 2000, 275, 33443-33448. | 1.6 | 86 |
| 12 | Tailoring the immune response by targeting C-type lectin receptors on alveolar macrophages using "pathogen-like" amphiphilic polyanhydride nanoparticles. <i>Biomaterials</i> , 2012, 33, 4762-4772. | 5.7 | 80 |
| 13 | Automated Solution-Phase Synthesis of β -1,4-Mannuronate and β -1,4-Mannan. <i>Organic Letters</i> , 2015, 17, 2642-2645. | 2.4 | 74 |
| 14 | Noncovalent fluorous interactions for the synthesis of carbohydrate microarrays. <i>Journal of Fluorine Chemistry</i> , 2006, 127, 571-579. | 0.9 | 66 |
| 15 | Fluorous Tags Catching on Microarrays. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3868-3870. | 7.2 | 65 |
| 16 | Synthesis of Fluorous Tags for Incorporation of Reducing Sugars into a Quantitative Microarray Platform. <i>Organic Letters</i> , 2008, 10, 785-788. | 2.4 | 64 |
| 17 | Bismuth(V)-Mediated Thioglycoside Activation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8441-8445. | 7.2 | 63 |
| 18 | Unusually Broad Substrate Tolerance of a Heat-Stable Archaeal Sugar Nucleotidyltransferase for the Synthesis of Sugar Nucleotides. <i>Journal of the American Chemical Society</i> , 2004, 126, 15993-15998. | 6.6 | 60 |

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|----|--|-----|-----------|
| 19 | Complete Hexose Isomer Identification with Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 677-685. | 1.2 | 55 |
| 20 | Bacterial CMP-sialic acid synthetases: production, properties, and applications. <i>Applied Microbiology and Biotechnology</i> , 2008, 80, 757-65. | 1.7 | 49 |
| 21 | Recent liquid chromatographic approaches and developments for the separation and purification of carbohydrates. <i>Analytical Methods</i> , 2017, 9, 3579-3593. | 1.3 | 47 |
| 22 | Surprising Bacterial Nucleotidyltransferase Selectivity in the Conversion of Carboglucose-1-phosphate. <i>Journal of the American Chemical Society</i> , 2004, 126, 13188-13189. | 6.6 | 46 |
| 23 | Monosaccharide Identification as a First Step toward <i>de Novo</i> Carbohydrate Sequencing: Mass Spectrometry Strategy for the Identification and Differentiation of Diastereomeric and Enantiomeric Pentose Isomers. <i>Analytical Chemistry</i> , 2015, 87, 4566-4571. | 3.2 | 46 |
| 24 | Selectin-Saccharide Interactions: Revealing Structure-Function Relationships with Chemical Synthesis. <i>Journal of Organic Chemistry</i> , 1995, 60, 6254-6255. | 1.7 | 44 |
| 25 | Carbohydrate arrays: recent developments in fabrication and detection methods with applications. <i>Current Opinion in Chemical Biology</i> , 2009, 13, 626-632. | 2.8 | 44 |
| 26 | Remarkably Broad Substrate Tolerance of Malonyl-CoA Synthetase, an Enzyme Capable of Intracellular Synthesis of Polyketide Precursors. <i>Journal of the American Chemical Society</i> , 2001, 123, 5822-5823. | 6.6 | 42 |
| 27 | Synthesis of Multivalent Tuberculosis and <i>Leishmania</i> -Associated Capping Carbohydrates Reveals Structure-Dependent Responses Allowing Immune Evasion. <i>Journal of the American Chemical Society</i> , 2010, 132, 11428-11430. | 6.6 | 42 |
| 28 | Functionalization of polyanhydride microparticles with di-mannose influences uptake by and intracellular fate within dendritic cells. <i>Acta Biomaterialia</i> , 2013, 9, 8902-8909. | 4.1 | 41 |
| 29 | Safety and Biocompatibility of Carbohydrate-Functionalized Polyanhydride Nanoparticles. <i>AAPS Journal</i> , 2015, 17, 256-267. | 2.2 | 41 |
| 30 | Protecting-Group-Based Colorimetric Monitoring of Fluorous-Phase and Solid-Phase Synthesis of Oligoglucosamines. <i>Organic Letters</i> , 2008, 10, 5381-5384. | 2.4 | 38 |
| 31 | Para-chlorobenzyl protecting groups as stabilizers of the glycosidic linkage: Synthesis of the 3- <i>O</i> -sulfated Lewis x trisaccharide. <i>Tetrahedron Letters</i> , 1997, 38, 6985-6988. | 0.7 | 35 |
| 32 | Protic acid-catalyzed polymerization of β -lactones for the synthesis of chiral polyesters. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3249-3252. | 1.8 | 35 |
| 33 | Fluorous-Tag Assisted Syntheses of Sulfated Keratan Sulfate Oligosaccharide Fragments. <i>Organic Letters</i> , 2016, 18, 1414-1417. | 2.4 | 34 |
| 34 | A Research Module for the Organic Chemistry Laboratory: Multistep Synthesis of a Fluorous Dye Molecule. <i>Journal of Chemical Education</i> , 2014, 91, 126-130. | 1.1 | 33 |
| 35 | General assay for sugar nucleotidyltransferases using electrospray ionization mass spectrometry. <i>Analytical Biochemistry</i> , 2004, 328, 196-202. | 1.1 | 32 |
| 36 | Phosphomannose isomerase/GDP-mannose pyrophosphorylase from <i>Pyrococcus furiosus</i> : a thermostable biocatalyst for the synthesis of guanidinediphosphate-activated and mannose-containing sugar nucleotides. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2135. | 1.5 | 32 |

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|----|---|-----|-----------|
| 37 | A Fluorous Phosphate Protecting Group with Applications to Carbohydrate Synthesis. <i>Organic Letters</i> , 2011, 13, 1824-1827. | 2.4 | 32 |
| 38 | Discovery of the Chemical Function of Glycosidases: Design, Synthesis, and Evaluation of Mass-Differentiated Carbohydrate Libraries. <i>Organic Letters</i> , 2004, 6, 2031-2033. | 2.4 | 30 |
| 39 | Quantitative Determination of Heavy Metal Contaminant Complexation by the Carbohydrate Polymer Chitin. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 1117-1121. | 1.0 | 30 |
| 40 | Pathogen-Derived Oligosaccharides Improve Innate Immune Response to Intracellular Parasite Infection. <i>American Journal of Pathology</i> , 2011, 179, 1329-1337. | 1.9 | 30 |
| 41 | Protocol for the purification of protected carbohydrates: toward coupling automated synthesis to alternate-pump recycling high-performance liquid chromatography. <i>Chemical Communications</i> , 2016, 52, 13253-13256. | 2.2 | 29 |
| 42 | Identification and deconvolution of carbohydrates with gas chromatography-vacuum ultraviolet spectroscopy. <i>Journal of Chromatography A</i> , 2017, 1513, 210-221. | 1.8 | 29 |
| 43 | Automated Solution-Phase Synthesis of Insect Glycans to Probe the Binding Affinity of Pea Enation Mosaic Virus. <i>Journal of Organic Chemistry</i> , 2015, 80, 10482-10489. | 1.7 | 28 |
| 44 | Synthesis and Incorporation of an N-Acetylcysteamine Analogue of Methylmalonyl-CoA by a Modular Polyketide Synthase. <i>Journal of the American Chemical Society</i> , 1998, 120, 11206-11207. | 6.6 | 27 |
| 45 | Kinetic and substrate binding analysis of phosphorylase b via electrospray ionization mass spectrometry: a model for chemical proteomics of sugar phosphorylases. <i>Analytical Biochemistry</i> , 2004, 327, 107-113. | 1.1 | 27 |
| 46 | Challenges in the Conversion of Manual Processes to Machine-Assisted Syntheses: Activation of Thioglycoside Donors with Aryl(trifluoroethyl)iodonium Triflimide. <i>Organic Letters</i> , 2018, 20, 800-803. | 2.4 | 27 |
| 47 | Tolerance and Specificity of Recombinant 6-Methylsalicylic Acid Synthase. <i>Metabolic Engineering</i> , 1999, 1, 180-187. | 3.6 | 26 |
| 48 | Synthesis of Isobutyl-C-galactoside (IBCG) as an Isopropylthiogalactoside (IPTG) Substitute for Increased Induction of Protein Expression. <i>Organic Letters</i> , 2003, 5, 1781-1783. | 2.4 | 26 |
| 49 | One-Step Synthesis of Labeled Sugar Nucleotides for Protein O-GlcNAc Modification Studies by Chemical Function Analysis of an Archaeal Protein. <i>Journal of the American Chemical Society</i> , 2005, 127, 836-837. | 6.6 | 26 |
| 50 | Automated fluororous-assisted solution-phase synthesis of β -1,2-, 1,3-, and 1,6-mannan oligomers. <i>Carbohydrate Research</i> , 2016, 430, 8-15. | 1.1 | 26 |
| 51 | Evaluating Sustainability: Soap versus Biodiesel Production from Plant Oils. <i>Journal of Chemical Education</i> , 2012, 89, 1053-1056. | 1.1 | 25 |
| 52 | Nanoparticle Chemistry and Functionalization Differentially Regulates Dendritic Cell-Nanoparticle Interactions and Triggers Dendritic Cell Maturation. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 1269-1280. | 1.2 | 25 |
| 53 | Fully automated fast-flow synthesis of antisense phosphorodiamidate morpholino oligomers. <i>Nature Communications</i> , 2021, 12, 4396. | 5.8 | 24 |
| 54 | Microwave-assisted cleavage of Weinreb amide for carboxylate protection in the synthesis of a (R) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 | 8.7 | 23 |

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|----|--|-----|-----------|
| 55 | New structures, chemical functions, and inhibitors for glycosyltransferases. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 168-173. | 2.8 | 23 |
| 56 | Platinum(II) Complex as an Artificial Peptidase: Selective Cleavage of Peptides and a Protein by cis-[Pt(en)(H ₂ O) ₂] ²⁺ Ion under Ultraviolet and Microwave Irradiation. <i>Inorganic Chemistry</i> , 2005, 44, 5141-5146. | 1.9 | 22 |
| 57 | Mono- vs. di-fluorous-tagged glucosamines for iterative oligosaccharide synthesis. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 978-982. | 0.9 | 22 |
| 58 | Automated Solution-Phase Synthesis of <i>S</i> -Glycosides for the Production of Oligomannopyranoside Derivatives. <i>Organic Letters</i> , 2020, 22, 4156-4159. | 2.4 | 22 |
| 59 | Automated, Multistep Continuous-Flow Synthesis of 2,6-Dideoxy and 3-Amino-2,3,6-Trideoxy Monosaccharide Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23171-23175. | 7.2 | 22 |
| 60 | Discovery of the Archaeal Chemical Link between Glycogen (Starch) Synthase Families Using a New Mass Spectrometry Assay. <i>Journal of the American Chemical Society</i> , 2003, 125, 13666-13667. | 6.6 | 21 |
| 61 | Fluorous-based peptide microarrays for protease screening. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 1042-1048. | 0.9 | 21 |
| 62 | Probing the limitations of the fluorous content for tag-mediated microarray formation. <i>Chemical Communications</i> , 2012, 48, 510-512. | 2.2 | 21 |
| 63 | Cloning and characterization of a heat-stable CMP-N-acetylneuraminic acid synthetase from <i>Clostridium thermocellum</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 76, 827-834. | 1.7 | 19 |
| 64 | Recombinant production and biochemical characterization of a hyperthermostable α -glucan/maltodextrin phosphorylase from <i>Pyrococcus furiosus</i> . <i>Archaea</i> , 2008, 2, 169-176. | 2.3 | 19 |
| 65 | Mechanistic Studies of Bismuth(V)-Mediated Thioglycoside Activation Reveal Differential Reactivity of Anomers. <i>Journal of Organic Chemistry</i> , 2016, 81, 5949-5962. | 1.7 | 19 |
| 66 | Automated Solution-Phase Oligosaccharide Synthesis and Carbohydrate Microarrays: Development of Fluorous-Based Tools for Glycomics. <i>ACS Symposium Series</i> , 2008, , 272-287. | 0.5 | 18 |
| 67 | Chiral Compounds and Green Chemistry in Undergraduate Organic Laboratories: Reduction of a Ketone by Sodium Borohydride and Baker's Yeast. <i>Journal of Chemical Education</i> , 2002, 79, 727. | 1.1 | 16 |
| 68 | Strategies for the Chemoenzymatic Synthesis of Deoxysugar Nucleotides: Substrate Binding versus Catalysis. <i>Journal of Organic Chemistry</i> , 2005, 70, 1919-1921. | 1.7 | 16 |
| 69 | Student-Driven Design of Peptide Mimetics: Microwave-Assisted Synthesis of Peptoid Oligomers. <i>Journal of Chemical Education</i> , 2011, 88, 999-1001. | 1.1 | 15 |
| 70 | Multigram Synthesis of Isobutyl- β -D-galactoside as a Substitute of Isopropylthiogalactoside for Exogenous Gene Induction in Mammalian Cells. <i>Journal of Organic Chemistry</i> , 2012, 77, 1539-1546. | 1.7 | 15 |
| 71 | The development of N-aryl trifluoroacetimidate-based benzyl and allyl protecting group reagents. <i>Tetrahedron Letters</i> , 2013, 54, 6983-6985. | 0.7 | 15 |
| 72 | Synthesis of Fluorous Photolabile Aldehyde and Carbamate and Alkyl Carbamate Protecting Groups for Carbohydrate-Associated Amines. <i>Organic Letters</i> , 2014, 16, 1156-1159. | 2.4 | 15 |

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|----|---|------|-----------|
| 73 | Pentavalent Bismuth as a Universal Promoter for S-Containing Glycosyl Donors with a Thiol Additive. <i>Organic Letters</i> , 2017, 19, 4516-4519. | 2.4 | 15 |
| 74 | Structural insight into the binding of human galectins to corneal keratan sulfate, its desulfated form and related saccharides. <i>Scientific Reports</i> , 2020, 10, 15708. | 1.6 | 15 |
| 75 | Functional proteomics for the discovery of carbohydrate-related enzyme activities. <i>Current Opinion in Chemical Biology</i> , 2005, 9, 76-81. | 2.8 | 14 |
| 76 | Functionalization promotes pathogen-mimicking characteristics of polyanhydride nanoparticle adjuvants. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2762-2771. | 2.1 | 14 |
| 77 | Rapid Multistep Synthesis of a Bioactive Peptidomimetic Oligomer for the Undergraduate Laboratory. <i>Journal of Chemical Education</i> , 2010, 87, 637-639. | 1.1 | 12 |
| 78 | General Label-Free Mass Spectrometry-Based Assay To Identify Glycosidase Substrate Competence. <i>Analytical Chemistry</i> , 2016, 88, 7183-7190. | 3.2 | 12 |
| 79 | Regioselective Benzylation of 2-Deoxy-2-Aminoglycosides using Crown Ethers: Application to a Shortened Synthesis of Hyaluronic Acid Oligomers. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2247-2256. | 2.1 | 11 |
| 80 | Addition of Sialic Acid to Insulin Confers Superior Physical Properties and Bioequivalence. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6134-6143. | 2.9 | 11 |
| 81 | Synthesis of a series of maltotriose phosphates with an evaluation of the utility of a fluorine phosphate protecting group. <i>Carbohydrate Research</i> , 2013, 369, 14-24. | 1.1 | 10 |
| 82 | Designing sugar mimetics: non-natural pyranosides as innovative chemical tools. <i>Current Opinion in Chemical Biology</i> , 2016, 34, 127-134. | 2.8 | 10 |
| 83 | Introduction: Carbohydrate Chemistry. <i>Chemical Reviews</i> , 2018, 118, 7865-7866. | 23.0 | 10 |
| 84 | Synthesis of protected glucose derivatives from levoglucosan by development of common carbohydrate protecting group reactions under continuous flow conditions. <i>Carbohydrate Research</i> , 2018, 468, 23-29. | 1.1 | 10 |
| 85 | A thermostable promiscuous glucose-1-phosphate uridylyltransferase from <i>Helicobacter pylori</i> for the synthesis of nucleotide sugars. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 50, 13-19. | 1.8 | 9 |
| 86 | Development of a Post-Column Liquid Chromatographic Chiral Addition Method for the Separation and Resolution of Common Mammalian Monosaccharides. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 419-425. | 1.2 | 9 |
| 87 | Parallel Glyco-SPOT Synthesis of Glycopeptide Libraries. <i>Cell Chemical Biology</i> , 2020, 27, 1207-1219.e9. | 2.5 | 9 |
| 88 | Synthesis of a 3-deoxy-d-manno-octulosonic acid (KDO) building block from d-glucose via fermentation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5856. | 1.5 | 7 |
| 89 | A High-Throughput Mass Spectrometry-Based Assay for Identifying the Biochemical Functions of Putative Glycosidases. <i>ChemBioChem</i> , 2017, 18, 2306-2311. | 1.3 | 7 |
| 90 | Acid-mediated N-iodosuccinimide-based thioglycoside activation for the automated solution-phase synthesis of 1,2-linked-rhamnopyranosides. <i>Pure and Applied Chemistry</i> , 2019, 91, 1243-1255. | 0.9 | 7 |

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| 91 | Acid-Triggered Degradable Reagents for Differentiation of Adaptive and Innate Immune Responses to <i>Leishmania</i> -Associated Sugars. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9610-9613. | 7.2 | 6 |
| 92 | Introducing Students to Protein Analysis Techniques: Separation and Comparative Analysis of Gluten Proteins in Various Wheat Strains. <i>Journal of Chemical Education</i> , 2016, 93, 330-334. | 1.1 | 6 |
| 93 | Automated solution-phase syntheses of alpha 1,2,3 type rhamnans and rhamnan sulfate fragments. <i>Carbohydrate Research</i> , 2019, 486, 107829. | 1.1 | 6 |
| 94 | Developing New Antibiotics with Combinatorial Biosynthesis. <i>Journal of Chemical Education</i> , 2000, 77, 1421. | 1.1 | 5 |
| 95 | Nonnatural substrates for polyketide synthases and their associated modifying enzymes. <i>Current Opinion in Chemical Biology</i> , 2002, 6, 773-778. | 2.8 | 5 |
| 96 | Robots command enzymes. <i>Nature Chemistry</i> , 2019, 11, 201-203. | 6.6 | 5 |
| 97 | Cellular Addresses. <i>Chemistry and Biology</i> , 2004, 11, 891-892. | 6.2 | 4 |
| 98 | Glycosidase activity profiling for bacterial identification by a chemical proteomics approach. <i>Biocatalysis and Biotransformation</i> , 2008, 26, 25-31. | 1.1 | 4 |
| 99 | Scope and limitations of carbohydrate hydrolysis for de novo glycan sequencing using a hydrogen peroxide/metallopeptide-based glycosidase mimetic. <i>Carbohydrate Research</i> , 2018, 458-459, 85-88. | 1.1 | 4 |
| 100 | Design and synthesis of multivalent 1,2-trimannose-linked bioerodible microparticles for applications in immune response studies of <i>Leishmania major</i> infection. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 623-632. | 1.3 | 4 |
| 101 | Probing deoxysugar conformational preference: A comprehensive computational study investigating the effects of deoxygenation. <i>Carbohydrate Research</i> , 2019, 475, 17-26. | 1.1 | 4 |
| 102 | Modular continuous flow synthesis of orthogonally protected 6-deoxy glucose glycals. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3254-3257. | 1.5 | 4 |
| 103 | Carbohydrate Microarrays and Fluorous-Phase Synthesis: Interfacing Fluorous-Phase Tags with the Direct Formation of Glycoarrays. <i>ACS Symposium Series</i> , 2007, , 261-270. | 0.5 | 3 |
| 104 | Effects of varying the 6-position oxidation state of hexopyranoses: a systematic comparative computational analysis of 48 monosaccharide stereoisomers. <i>Journal of Molecular Modeling</i> , 2017, 23, 214. | 0.8 | 3 |
| 105 | <i>Leishmania</i> -Derived Trimannose Modulates the Inflammatory Response To Significantly Reduce <i>Leishmania major</i> -Induced Lesions. <i>Infection and Immunity</i> , 2018, 86, . | 1.0 | 3 |
| 106 | Building a Bridge to New Antibiotics. <i>ACS Chemical Biology</i> , 2006, 1, 14-16. | 1.6 | 2 |
| 107 | Protein N-Glycans: Incorporating Glycochemistry into the Undergraduate Laboratory Curriculum. <i>Journal of Chemical Education</i> , 2018, 95, 2249-2255. | 1.1 | 2 |
| 108 | Production of Fluorous-Based Microarrays with Uncharged Carbohydrates. <i>Methods in Molecular Biology</i> , 2012, 808, 149-153. | 0.4 | 2 |

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|-----|---|-----|-----------|
| 109 | Acyclic Peptide Inhibitors of Amylases. <i>Chemistry and Biology</i> , 2005, 12, 1257-1258. | 6.2 | 1 |
| 110 | Polymer-Supported Reagents and ^1H - ^{19}F NMR Couplings: The Synthesis of 2-Fluoroacetophenone. <i>Journal of Chemical Education</i> , 2008, 85, 834. | 1.1 | 1 |
| 111 | A mass-differentiated library strategy for identification of sugar nucleotidyltransferase activities from cell lysates. <i>Analytical Biochemistry</i> , 2013, 441, 8-12. | 1.1 | 1 |
| 112 | A Very Short History of the Carbohydrate Division of the American Chemical Society. <i>Journal of Organic Chemistry</i> , 2020, 85, 15778-15779. | 1.7 | 1 |
| 113 | A New Era of Discovery in Carbohydrate Chemistry. <i>Journal of Organic Chemistry</i> , 2020, 85, 15770-15772. | 1.7 | 1 |
| 114 | Putting sugars under strain. <i>Science</i> , 2019, 364, 631-632. | 6.0 | 0 |
| 115 | Automated, Multistep Continuous-Flow Synthesis of 2,6-Dideoxy and 3-Amino-2,3,6-Trideoxy Monosaccharide Building Blocks. <i>Angewandte Chemie</i> , 2021, 133, 23355. | 1.6 | 0 |