

Francisco Javier Cañada

List of Publications by Year in descending order

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papers

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41344

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8980
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#	ARTICLE	IF	CITATIONS
1	A Fungal Versatile GH10 Endoxylanase and Its Glycosynthase Variant: Synthesis of Xylooligosaccharides and Glycosides of Bioactive Phenolic Compounds. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1383.	4.1	3
2	Targeting the CRD Face of Human Galectin-3 and Allosterically Modulating Glycan Binding by Angiostatic PTX008 and a Structurally Optimized Derivative. <i>ChemMedChem</i> , 2021, 16, 713-723.	3.2	8
3	Synthesis and Evaluation of Novel Iminosugars Prepared from Natural Amino Acids. <i>Molecules</i> , 2021, 26, 394.	3.8	1
4	Structural basis for recognition of bacterial cell wall teichoic acid by pseudo-symmetric SH3b-like repeats of a viral peptidoglycan hydrolase. <i>Chemical Science</i> , 2021, 12, 576-589.	7.4	11
5	Crystal Structure of the Carbohydrate Recognition Domain of the Human Macrophage Galactose C-Type Lectin Bound to GalNAc and the Tumor-Associated Tn Antigen. <i>Biochemistry</i> , 2021, 60, 1327-1336.	2.5	20
6	Galectin-4 N-Terminal Domain: Binding Preferences Toward A and B Antigens With Different Peripheral Core Presentations. <i>Frontiers in Chemistry</i> , 2021, 9, 664097.	3.6	6
7	Molecular bases for the association of FHR-1 with atypical hemolytic uremic syndrome and other diseases. <i>Blood</i> , 2021, 137, 3484-3494.	1.4	17
8	Conformational and Structural characterization of carbohydrates and their interactions studied by NMR. <i>Current Medicinal Chemistry</i> , 2021, 28, .	2.4	2
9	Thioglycoligase derived from fungal GH3 β -xylosidase is a multi-glycoligase with broad acceptor tolerance. <i>Nature Communications</i> , 2020, 11, 4864.	12.8	21
10	Fluorinated Carbohydrates as Lectin Ligands: Simultaneous Screening of a Monosaccharide Library and Chemical Mapping by ¹⁹ F NMR Spectroscopy. <i>Journal of Organic Chemistry</i> , 2020, 85, 16072-16081.	3.2	24
11	Amino Acid-Based Synthesis and Glycosidase Inhibition of Cyclopropane-Containing Iminosugars. <i>ACS Omega</i> , 2020, 5, 31821-31830.	3.5	4
12	The Interaction of Fluorinated Glycomimetics with DC-SIGN: Multiple Binding Modes Disentangled by the Combination of NMR Methods and MD Simulations. <i>Pharmaceuticals</i> , 2020, 13, 179.	3.8	12
13	Molecular Recognition in C-type Lectins: The Cases of DC-SIGN, Langerin, MGL, and β -Sectin. <i>ChemBioChem</i> , 2020, 21, 2999-3025.	2.6	49
14	A glucotolerant β -glucosidase from the fungus <i>Talaromyces amestolkiae</i> and its conversion into a glycosynthase for glycosylation of phenolic compounds. <i>Microbial Cell Factories</i> , 2020, 19, 127.	4.0	25
15	Amoxicillin Inactivation by Thiol-Catalyzed Cyclization Reduces Protein Haptenation and Antibacterial Potency. <i>Frontiers in Pharmacology</i> , 2020, 11, 189.	3.5	13
16	Dissecting the Essential Role of Anomeric β -Triflates in Glycosylation Reactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 12501-12514.	13.7	52
17	A top-down chemo-enzymatic approach towards N-acetylglucosamine-N-acetylmuramic oligosaccharides: Chitosan as a reliable template. <i>Carbohydrate Polymers</i> , 2019, 224, 115133.	10.2	7
18	Unraveling Sugar Binding Modes to DC-SIGN by Employing Fluorinated Carbohydrates. <i>Molecules</i> , 2019, 24, 2337.	3.8	34

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19	Molecular Insights into DC-SIGN Binding to Self-Antigens: The Interaction with the Blood Group A/B Antigens. <i>ACS Chemical Biology</i> , 2019, 14, 1660-1671.	3.4	37
20	Exploiting xylan as sugar donor for the synthesis of an antiproliferative xyloside using an enzyme cascade. <i>Microbial Cell Factories</i> , 2019, 18, 174.	4.0	7
21	Peptidoglycan Recognition by Wheat Germ Agglutinin. A View by NMR. <i>Natural Product Communications</i> , 2019, 14, 1934578X1984924.	0.5	6
22	Complete oxidation of hydroxymethylfurfural to furandicarboxylic acid by aryl-alcohol oxidase. <i>Biotechnology for Biofuels</i> , 2019, 12, 217.	6.2	50
23	Glycosylated Cell-Penetrating Peptides (GCPPs). <i>ChemBioChem</i> , 2019, 20, 1400-1409.	2.6	19
24	Insights into real-time chemical processes in a calcium sensor protein-directed dynamic library. <i>Nature Communications</i> , 2019, 10, 2798.	12.8	16
25	Transglycosylation products generated by <i>Talaromyces amestolkiae</i> GH3 β -glucosidases: effect of hydroxytyrosol, vanillin and its glucosides on breast cancer cells. <i>Microbial Cell Factories</i> , 2019, 18, 97.	4.0	28
26	Minimizing the Entropy Penalty for Ligand Binding: Lessons from the Molecular Recognition of the Histo Blood-Group Antigens by Human Galectin-3. <i>Angewandte Chemie</i> , 2019, 131, 7346-7350.	2.0	12
27	A Novel Redox-Sensing Histidine Kinase That Controls Carbon Catabolite Repression in <i>Azoarcus</i> sp. <i>MBio</i> , 2019, 10, .	4.1	4
28	Minimizing the Entropy Penalty for Ligand Binding: Lessons from the Molecular Recognition of the Histo Blood-Group Antigens by Human Galectin-3. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7268-7272.	13.8	56
29	Increase of Redox Potential during the Evolution of Enzymes Degrading Recalcitrant Lignin. <i>Chemistry - A European Journal</i> , 2019, 25, 2708-2712.	3.3	16
30	Chameleon-like behavior of indolylpiperidines in complex with cholinesterases targets: Potent butyrylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 431-444.	5.5	18
31	Differential recognition of <i>Haemophilus influenzae</i> whole bacterial cells and isolated lipooligosaccharides by galactose-specific lectins. <i>Scientific Reports</i> , 2018, 8, 16292.	3.3	10
32	Avenues to Characterize the Interactions of Extended N-Glycans with Proteins by NMR Spectroscopy: The Influenza Hemagglutinin Case. <i>Angewandte Chemie</i> , 2018, 130, 15271-15275.	2.0	10
33	Avenues to Characterize the Interactions of Extended N-Glycans with Proteins by NMR Spectroscopy: The Influenza Hemagglutinin Case. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15051-15055.	13.8	23
34	Deciphering the Inhibition of the Neuronal Calcium Sensor 1 and the Guanine Exchange Factor Ric8a with a Small Phenothiazine Molecule for the Rational Generation of Therapeutic Synapse Function Regulators. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 5910-5921.	6.4	10
35	Structure and N-acetylglucosamine binding of the distal domain of mouse adenovirus 2 fibre. <i>Journal of General Virology</i> , 2018, 99, 1494-1508.	2.9	8
36	Fluoroacetamide Moieties as NMR Spectroscopy Probes for the Molecular Recognition of GlcNAc-Containing Sugars: Modulation of the CH π - π Stacking Interactions by Different Fluorination Patterns. <i>Chemistry - A European Journal</i> , 2017, 23, 3957-3965.	3.3	33

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37	NMR and Molecular Recognition of N-Glycans: Remote Modifications of the Saccharide Chain Modulate Binding Features. <i>ACS Chemical Biology</i> , 2017, 12, 1104-1112.	3.4	35
38	Breaking the Limits in Analyzing Carbohydrate Recognition by NMR Spectroscopy: Resolving Branch-Selective Interaction of a Tetraantennary N-Glycan with Lectins. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14987-14991.	13.8	47
39	Breaking the Limits in Analyzing Carbohydrate Recognition by NMR Spectroscopy: Resolving Branch-Selective Interaction of a Tetraantennary N-Glycan with Lectins. <i>Angewandte Chemie</i> , 2017, 129, 15183-15187.	2.0	8
40	Mite allergoids coupled to nonoxidized mannan from <i>Saccharomyces cerevisiae</i> efficiently target canine dendritic cells for novel allergy immunotherapy in veterinary medicine. <i>Veterinary Immunology and Immunopathology</i> , 2017, 190, 65-72.	1.2	15
41	From dual binding site acetylcholinesterase inhibitors to allosteric modulators: A new avenue for disease-modifying drugs in Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 773-791.	5.5	46
42	Drawbacks of Dialysis Procedures for Removal of EDTA. <i>PLoS ONE</i> , 2017, 12, e0169843.	2.5	25
43	Enzymatic fine-tuning for 2-(6-hydroxynaphthyl) β -D-xylopyranoside synthesis catalyzed by the recombinant β -xylosidase BxTW1 from <i>Talaromyces amestolkiae</i> . <i>Microbial Cell Factories</i> , 2016, 15, 171.	4.0	13
44	Chemometric Analysis of Bacterial Peptidoglycan Reveals Atypical Modifications That Empower the Cell Wall against Predatory Enzymes and Fly Innate Immunity. <i>Journal of the American Chemical Society</i> , 2016, 138, 9193-9204.	13.7	56
45	The Y9P Variant of the Titin I27 Module: Structural Determinants of Its Revisited Nanomechanics. <i>Structure</i> , 2016, 24, 606-616.	3.3	10
46	Novel vaccines targeting dendritic cells by coupling allergoids to nonoxidized mannan enhance allergen uptake and induce functional regulatory T cells through programmed death ligand 1. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 558-567.e11.	2.9	91
47	Finding the Right Candidate for the Right Position: A Fast NMR-Assisted Combinatorial Method for Optimizing Nucleic Acids Binders. <i>Journal of the American Chemical Society</i> , 2016, 138, 6463-6474.	13.7	5
48	Structural and Biochemical Characterization of the Interaction of Tubulin with Potent Natural Analogues of Podophyllotoxin. <i>Journal of Natural Products</i> , 2016, 79, 2113-2121.	3.0	26
49	Diastereomeric Glycosyl Sulfoxides Display Different Recognition Features versus <i>E. coli</i> β -Galactosidase. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5117-5122.	2.4	9
50	Detailed Investigation of the Immunodominant Role of Antigen Stoichiometric Acetylation as Revealed by Chemical Synthesis, Immunochemistry, Solution Conformation and STD-NMR Spectroscopy for <i>Shigella flexneri</i> ...3a. <i>Chemistry - A European Journal</i> , 2016, 22, 10892-10911.	3.3	26
51	Intra- and intermolecular interactions of human galectin-3: assessment by full-assignment-based NMR. <i>Glycobiology</i> , 2016, 26, 888-903.	2.5	66
52	Structural studies of novel glycoconjugates from polymerized allergens (allergoids) and mannans as allergen vaccines. <i>Glycoconjugate Journal</i> , 2016, 33, 93-101.	2.7	21
53	A Murine Monoclonal Antibody to Glycogen: Characterization of Epitope-Fine Specificity by Saturation Transfer Difference (STD) NMR Spectroscopy and Its Use in Mycobacterial Capsular β -Glucan Research. <i>ChemBioChem</i> , 2015, 16, 977-989.	2.6	9
54	Structural Insights into the Binding of Sugar Receptors (Lectins) to a Synthetic Tricyclic Tn Mimetic and Its Glycopeptide Version. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6823-6831.	2.4	9

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55	D- and L-Mannose-Containing Oligoamides Show Distinct Recognition Properties When Interacting with DNA. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6180-6193.	2.4	9
56	Monitoring Glycan-Protein Interactions by NMR Spectroscopic Analysis: A Simple Chemical Tag That Mimics Natural CH Interactions. <i>Chemistry - A European Journal</i> , 2015, 21, 11408-11416.	3.3	17
57	Glycans in Medicinal Chemistry: An Underexploited Resource. <i>ChemMedChem</i> , 2015, 10, 1291-1295.	3.2	19
58	Recent Developments in Synthetic Carbohydrate-Based Diagnostics, Vaccines, and Therapeutics. <i>Chemistry - A European Journal</i> , 2015, 21, 10616-10628.	3.3	92
59	Conformational Plasticity in Glycomimetics: Fluorocarbamethylidopyranosides Mimic the Intrinsic Dynamic Behaviour of Natural Idose Rings. <i>Chemistry - A European Journal</i> , 2015, 21, 10513-10521.	3.3	16
60	Fluorinated Carbohydrates as Lectin Ligands: 19F-Based Direct STD Monitoring for Detection of Anomeric Selectivity. <i>Biomolecules</i> , 2015, 5, 3177-3192.	4.0	28
61	Structure and Sialyllactose Binding of the Carboxy-Terminal Head Domain of the Fibre from a Siadenovirus, Turkey Adenovirus 3. <i>PLoS ONE</i> , 2015, 10, e0139339.	2.5	25
62	Advanced NMR Techniques: Defining Carbohydrate Structures and Ligand-Receptor Interactions. , 2015, , 121-146.		0
63	Vimentin filament organization and stress sensing depend on its single cysteine residue and zinc binding. <i>Nature Communications</i> , 2015, 6, 7287.	12.8	111
64	Beyond a Fluorescent Probe: Inhibition of Cell Division Protein FtsZ by <i>mant</i> -GTP Elucidated by NMR and Biochemical Approaches. <i>ACS Chemical Biology</i> , 2015, 10, 2382-2392.	3.4	9
65	The Quest for Anticancer Vaccines: Deciphering the Fine-Epitope Specificity of Cancer-Related Monoclonal Antibodies by Combining Microarray Screening and Saturation Transfer Difference NMR. <i>Journal of the American Chemical Society</i> , 2015, 137, 12438-12441.	13.7	35
66	1H, 13C, and 15N backbone and side-chain chemical shift assignments for the 36 proline-containing, full length 29 kDa human chimera-type galectin-3. <i>Biomolecular NMR Assignments</i> , 2015, 9, 59-63.	0.8	20
67	Solution Conformation of Carbohydrates: A View by Using NMR Assisted by Modeling. <i>Methods in Molecular Biology</i> , 2015, 1273, 261-287.	0.9	7
68	Structure and Function of Prokaryotic UDP-Glucose Pyrophosphorylase, A Drug Target Candidate. <i>Current Medicinal Chemistry</i> , 2015, 22, 1687-1697.	2.4	34
69	Delineating Binding Modes of Gal/GalNAc and Structural Elements of the Molecular Recognition of Tumor-Associated Mucin Glycopeptides by the Human Macrophage Galactose-Type Lectin. <i>Chemistry - A European Journal</i> , 2014, 20, 16147-16155.	3.3	46
70	Peptides derived from human galectin-3 N-terminal tail interact with its carbohydrate recognition domain in a phosphorylation-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 126-131.	2.1	24
71	Synthesis and conformational analysis of phosphorylated β -(1 \rightarrow 2) linked mannosides. <i>Carbohydrate Research</i> , 2014, 383, 58-68.	2.3	13
72	Immobilization of thermostable β -galactosidase on epoxy support and its use for lactose hydrolysis and galactooligosaccharides biosynthesis. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 989-998.	3.6	36

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73	Systematic Dissection of an Aminopyrrolic Cage Receptor for β -Glucopyranosides Reveals the Essentials for Effective Recognition. <i>Chemistry - A European Journal</i> , 2014, 20, 6081-6091.	3.3	38
74	Lanthanide-Chelating Carbohydrate Conjugates Are Useful Tools To Characterize Carbohydrate Conformation in Solution and Sensitive Sensors to Detect Carbohydrate-Protein Interactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 8011-8017.	13.7	51
75	NMR and molecular recognition. The application of ligand-based NMR methods to monitor molecular interactions. <i>MedChemComm</i> , 2014, 5, 1280-1289.	3.4	43
76	Tetrafluorination of Sugars as Strategy for Enhancing Protein-Carbohydrate Affinity: Application to UDP-Galactose 4-Epimerase Inhibition. <i>Chemistry - A European Journal</i> , 2014, 20, 106-112.	3.3	64
77	Study of Protein Haptentation by Amoxicillin Through the Use of a Biotinylated Antibiotic. <i>PLoS ONE</i> , 2014, 9, e90891.	2.5	40
78	Carbohydrate-Aromatic Interactions. <i>Accounts of Chemical Research</i> , 2013, 46, 946-954.	15.6	394
79	Exploring NMR methods as a tool to select suitable fluorescent nucleotide analogues. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5332.	2.8	6
80	Heparin Modulates the Mitogenic Activity of Fibroblast Growth Factor by Inducing Dimerization of its Receptor. A 3D View by Using NMR. <i>ChemBioChem</i> , 2013, 14, 1732-1744.	2.6	40
81	Conformational Selection in Glycomimetics: Human Galectin-1 Only Recognizes β -Type Conformations of β -Linked Lactose and Its C-Glycosyl Derivative. <i>Chemistry - A European Journal</i> , 2013, 19, 14581-14590.	3.3	19
82	CHAPTER 1. New Applications of High-Resolution NMR in Drug Discovery and Development. <i>New Developments in NMR</i> , 2013, , 7-42.	0.1	2
83	Molecular Recognition of Complex-Type Biantennary N-Glycans by Protein Receptors: a Three-Dimensional View on Epitope Selection by NMR. <i>Journal of the American Chemical Society</i> , 2013, 135, 2667-2675.	13.7	37
84	<i>Escherichia coli</i> β -Galactosidase Inhibitors through Modifications at the Aglyconic Moiety: Experimental Evidence of Conformational Distortion in the Molecular Recognition Process. <i>Chemistry - A European Journal</i> , 2013, 19, 4262-4270.	3.3	20
85	Molecular Recognition of Rosmarinic Acid from <i>Salvia sclareoides</i> Extracts by Acetylcholinesterase: A New Binding Site Detected by NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2013, 19, 6641-6649.	3.3	34
86	Interactions of Bacterial Cell Division Protein FtsZ with C8-Substituted Guanine Nucleotide Inhibitors. A Combined NMR, Biochemical and Molecular Modeling Perspective. <i>Journal of the American Chemical Society</i> , 2013, 135, 16418-16428.	13.7	28
87	Lactose binding to human galectin-7 (p53-induced gene 1) induces long-range effects through the protein resulting in increased dimer stability and evidence for positive cooperativity. <i>Glycobiology</i> , 2013, 23, 508-523.	2.5	42
88	Breaking Pseudo-Symmetry in Multiantennary Complex N-Glycans Using Lanthanide-Binding Tags and NMR Pseudo-Contact Shifts. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13789-13793.	13.8	71
89	Recent advances on the application of NMR methods to study the conformation and recognition properties of carbohydrates. <i>Carbohydrate Chemistry</i> , 2012, , 192-214.	0.3	4
90	Protein-Carbohydrate Interactions Studied by NMR: From Molecular Recognition to Drug Design. <i>Current Protein and Peptide Science</i> , 2012, 13, 816-830.	1.4	107

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91	¹ H, ¹³ C, and ¹⁵ N backbone and side-chain chemical shift assignments for the 31 kDa human galectin-7 (p53-induced gene 1) homodimer, a pro-apoptotic lectin. <i>Biomolecular NMR Assignments</i> , 2012, 6, 127-129.	0.8	15
92	¹ H-N-Linked glycopeptides: conformational analysis and bioactivity as lectin ligands. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5916.	2.8	10
93	Conformational analysis of seven-membered 1-N-aminosugars by NMR and molecular modelling. <i>New Journal of Chemistry</i> , 2012, 36, 1008.	2.8	10
94	Fluorinated Carbohydrates as Lectin Ligands: Biorelevant Sensors with Capacity to Monitor Anomer Affinity in ¹⁹ F-NMR-Based Inhibitor Screening. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4354-4364.	2.4	20
95	The Interaction of Saccharides with Antibodies. A 3D View by Using NMR. , 2012, , 385-402.		3
96	Symmetric dithiodigalactoside: strategic combination of binding studies and detection of selectivity between a plant toxin and human lectins. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5445.	2.8	47
97	Application of NMR methods to the study of the interaction of natural products with biomolecular receptors. <i>Natural Product Reports</i> , 2011, 28, 1118.	10.3	31
98	The interaction of La ³⁺ complexes of DOTA/DTPA glycoconjugates with the RCA120 lectin: a saturation transfer difference NMR spectroscopic study. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 725-734.	2.6	5
99	Towards sugar derivatives as toxin-blocking pharmaceuticals: STD NMR spectroscopy as versatile tool for affinity assessment in drug development. <i>Comptes Rendus Chimie</i> , 2011, 14, 96-101.	0.5	3
100	Chiral Diaminopyrrolic Receptors for Selective Recognition of Mannosides, Part 2: A 3D View of the Recognition Modes by X-Ray, NMR Spectroscopy, and Molecular Modeling. <i>Chemistry - A European Journal</i> , 2011, 17, 4821-4829.	3.3	35
101	New Cathepsin Inhibitors to Explore the Fluorophilic Properties of the S ² Pocket of Cathepsin B: Design, Synthesis, and Biological Evaluation. <i>Chemistry - A European Journal</i> , 2011, 17, 5256-5260.	3.3	13
102	Carbohydrate-Protein Interactions: A 3D View by NMR. <i>ChemBioChem</i> , 2011, 12, 990-1005.	2.6	76
103	Structural aspects of binding of ¹ H-linked digalactosides to human galectin-1. <i>Glycobiology</i> , 2011, 21, 1627-1641.	2.5	43
104	NMR and molecular modeling reveal key structural features of synthetic nodulation factors. <i>Glycobiology</i> , 2011, 21, 824-833.	2.5	10
105	Synthesis, Conformational Analysis, and Evaluation as Glycosidase Inhibitors of Two Ether-Bridged Iminosugars. <i>Journal of Carbohydrate Chemistry</i> , 2011, 30, 641-654.	1.1	14
106	Effect of a serine-to-aspartate replacement on the recognition of chitin oligosaccharides by truncated hevemin. A 3D view by using NMR. <i>Carbohydrate Research</i> , 2010, 345, 1461-1468.	2.3	22
107	Lectin-Based Drug Design: Combined Strategy to Identify Lead Compounds using STD NMR Spectroscopy, Solid-Phase Assays and Cell Binding for a Plant Toxin Model. <i>ChemMedChem</i> , 2010, 5, 415-419.	3.2	30
108	Selective Recognition of ¹ H-Mannosides by Synthetic Tripodal Receptors: A 3D View of the Recognition Mode by NMR. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 64-71.	2.4	23

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109	A Chiral Pyrrolic Tripodal Receptor Enantioselectively Recognizes β -Mannose and β -Mannosides. <i>Chemistry - A European Journal</i> , 2010, 16, 414-418.	3.3	50
110	Mimicking Chitin: Chemical Synthesis, Conformational Analysis, and Molecular Recognition of the β -(1 \rightarrow 3)- <i>N</i> -Acetylchitopentaose Analogue. <i>Chemistry - A European Journal</i> , 2010, 16, 4239-4249.	3.3	7
111	Insights into the Dynamics and Molecular Recognition Features of Glycopeptides by Protein Receptors: The 3D Solution Structure of Hevein Bound to the Trisaccharide Core of <i>N</i> -Glycoproteins. <i>Chemistry - A European Journal</i> , 2010, 16, 10715-10726.	3.3	16
112	Diffusion nuclear magnetic resonance spectroscopy detects substoichiometric concentrations of small molecules in protein samples. <i>Analytical Biochemistry</i> , 2010, 396, 117-123.	2.4	8
113	Insights on the conformational properties of hyaluronic acid by using NMR residual dipolar couplings and MD simulations. <i>Glycobiology</i> , 2010, 20, 1208-1216.	2.5	25
114	N-domain of human adhesion/growth-regulatory galectin-9: Preference for distinct conformers and non-sialylated N-glycans and detection of ligand-induced structural changes in crystal and solution. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1019-1029.	2.8	47
115	Characterization of caged compounds binding to proteins by NMR spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2010, 400, 447-451.	2.1	2
116	Binding of β -D-Glucosides and β -D-Mannosides by Rice and Barley β -D-Glycosidases with Distinct Substrate Specificities. <i>Biochemistry</i> , 2010, 49, 8779-8793.	2.5	15
117	Fluorinated Carbohydrates as Lectin Ligands: Versatile Sensors in ¹⁹ F-Detected Saturation Transfer Difference NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2009, 15, 5666-5668.	3.3	60
118	β -Linked Glycopeptide Mimetics: Synthesis, Conformation Analysis, and Interactions with Viscumin, a Galactoside-Binding Model Lectin. <i>Chemistry - A European Journal</i> , 2009, 15, 10423-10431.	3.3	39
119	Assessing Carbohydrate-Carbohydrate Interactions by NMR Spectroscopy: The Trisaccharide Epitope from the Marine Sponge <i>Microciona prolifera</i> . <i>ChemBioChem</i> , 2009, 10, 511-519.	2.6	32
120	Modulating glycosidase degradation and lectin recognition of gold glyconanoparticles. <i>Carbohydrate Research</i> , 2009, 344, 1474-1478.	2.3	36
121	Glycan Tagging to Produce Bioactive Ligands for a Surface Plasmon Resonance (SPR) Study via Immobilization on Different Surfaces. <i>Bioconjugate Chemistry</i> , 2009, 20, 673-682.	3.6	9
122	Conformational Analysis of a Dermatan Sulfate-Derived Tetrasaccharide by NMR, Molecular Modeling, and Residual Dipolar Couplings. <i>ChemBioChem</i> , 2008, 9, 240-252.	2.6	34
123	Aromatic-Carbohydrate Interactions: An NMR and Computational Study of Model Systems. <i>Chemistry - A European Journal</i> , 2008, 14, 7570-7578.	3.3	75
124	Competitive Inhibitors of <i>Helicobacter pylori</i> Type-II Dehydroquinase: Synthesis, Biological Evaluation, and NMR Studies. <i>ChemMedChem</i> , 2008, 3, 756-770.	3.2	30
125	Solution Conformation and Dynamics of the O-Antigen of the Major Lipopolysaccharide from <i>Sinorhizobium fredii</i> SMH12. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3469-3473.	2.4	3
126	A Combined NMR, Computational, and HPLC Study of the Inclusion of Aromatic and Fluoroaromatic Compounds in Cyclodextrins as a Model for Studying Carbohydrate-Aromatic Interactions. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5891-5898.	2.4	14

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127	â€œClickâ€™-Saccharide/Î²-Lactam Hybrids for Lectin Inhibition. <i>Organic Letters</i> , 2008, 10, 2227-2230.	4.6	38
128	On the role of aromatic-sugar interactions in the molecular recognition of carbohydrates: A 3D view by using NMR. <i>Pure and Applied Chemistry</i> , 2008, 80, 1827-1835.	1.9	26
129	Crystal Structures of <i>Paenibacillus polymyxa</i> Î²-Glucosidase B Complexes Reveal the Molecular Basis of Substrate Specificity and Give New Insights into the Catalytic Machinery of Family I Glycosidases. <i>Journal of Molecular Biology</i> , 2007, 371, 1204-1218.	4.2	106
130	NMR studies on the conformation of oligomannosides and their interaction with banana lectin. <i>Glycoconjugate Journal</i> , 2007, 24, 449-464.	2.7	15
131	Modification and Activation of Ras Proteins by Electrophilic Prostanoids with Different Structure are Site-Selective. <i>Biochemistry</i> , 2007, 46, 6607-6616.	2.5	62
132	NMR Investigations of Lectinâ€™ Carbohydrate Interactions. , 2007, , 51-73.		1
133	NMR Investigation of the Bound Conformation of Natural and Synthetic Oligomannosides to Banana Lectin. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1577-1585.	2.4	3
134	Temperature dependence of ligandâ€™ protein complex formation as reflected by saturation transfer difference NMR experiments. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 745-748.	1.9	27
135	Optimizing the enzymatic synthesis of Î²-d-galactopyranosyl-d-xyloses for their use in the evaluation of lactase activity in vivo. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4836-4840.	3.0	15
136	The solution conformation of C-glycosyl analogues of the sialyl-Tn antigen. <i>Carbohydrate Research</i> , 2007, 342, 1974-1982.	2.3	4
137	Synthesis and conformational behavior of the difluoromethylene linked C-glycoside analog of Î²-galactopyranosyl-(1â€™1)-Î±-mannopyranoside. <i>Carbohydrate Research</i> , 2007, 342, 1624-1635.	2.3	26
138	Modification of Proteins by Cyclopentenone Prostaglandins is Differentially Modulated by GSH in Vitro. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 78-85.	3.8	21
139	Synthesis of a bicyclic analog of l-iduronic acid adopting the biologically relevant 2 S O conformation. <i>Carbohydrate Research</i> , 2007, 342, 1876-1887.	2.3	9
140	The conformation of the C-glycosyl analogue of N-acetyl-lactosamine in the free state and bound to a toxic plant agglutinin and human adhesion/growth-regulatory galectin-1. <i>Carbohydrate Research</i> , 2007, 342, 1918-1928.	2.3	23
141	The conformational behaviour of the C-glycosyl analogue of sulfatide studied by NMR in SDS micelles. <i>Carbohydrate Research</i> , 2007, 342, 1966-1973.	2.3	3
142	Conformational insights on the molecular recognition processes of carbohydrate molecules by proteins and enzymes: A 3D view by using NMR. <i>Biocatalysis and Biotransformation</i> , 2006, 24, 13-22.	2.0	9
143	Interaction between a Minimum Hevein Domain and Chitoooligosaccharides Studied by NMR and a Novel Surface Plasmon Resonance Method. , 2006, , 767-768.		0
144	Protein-Carbohydrate Interactions: A Combined Theoretical and NMR Experimental Approach on Carbohydrate-Aromatic Interactions and on Pyranose Ring Distortion. <i>ACS Symposium Series</i> , 2006, , 60-80.	0.5	7

#	ARTICLE	IF	CITATIONS
145	Useful applications of DOSY experiments for the study of mushroom polysaccharides. <i>Carbohydrate Research</i> , 2006, 341, 84-89.	2.3	31
146	Synthesis of Spiro Carba-Sugars by Ring-Closing Metathesis. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1002-1011.	2.4	10
147	Screening of Garlic Water Extract for Binding Activity with Cholera Toxin B Pentamer by NMR Spectroscopy – An Old Remedy Giving a New Surprise. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2067-2073.	2.4	21
148	Synthesis and Conformational Analysis of Galactose-Derived Bicyclic Scaffolds. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2925-2933.	2.4	15
149	Determination of the Bound Conformation of a Competitive Nanomolar Inhibitor of <i>Mycobacterium tuberculosis</i> Type II Dehydroquinase by NMR Spectroscopy. <i>ChemMedChem</i> , 2006, 1, 990-996.	3.2	12
150	Hevein Domains: An Attractive Model to Study Carbohydrate-Protein Interactions at Atomic Resolution. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2006, 60, 303-354.	0.9	55
151	A dynamic perspective on the molecular recognition of chitoooligosaccharide ligands by hevein domains. <i>Carbohydrate Research</i> , 2005, 340, 1039-1049.	2.3	11
152	Screening by NMR: A New Approach for the Study of Bioactive Natural Products? The Example of <i>Pleurotus ostreatus</i> Hot Water Extract. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1392-1396.	2.4	23
153	Theoretical Study of Inversion and Topomerization Processes of Substituted Cyclohexanes: The Relevance of the Energy 3D Hypersurface. <i>ChemPhysChem</i> , 2005, 6, 671-680.	2.1	27
154	1D Saturation Transfer Difference NMR Experiments on Living Cells: The DC-SIGN/Oligomannose Interaction. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 296-298.	13.8	91
155	1D Saturation Transfer Difference NMR Experiments on Living Cells: The DC-SIGN/Oligomannose Interaction. <i>Angewandte Chemie</i> , 2005, 117, 300-302.	2.0	32
156	On the Importance of Carbohydrate-Aromatic Interactions for the Molecular Recognition of Oligosaccharides by Proteins: NMR Studies of the Structure and Binding Affinity of AcAMP2-like Peptides with Non-Natural Naphthyl and Fluoroaromatic Residues. <i>Chemistry - A European Journal</i> , 2005, 11, 7060-7074.	3.3	110
157	The conformational behaviour of 1,2-trehalose-like disaccharides and their C-glycosyl, imino-C-glycosyl and carbagalactose analogues depends on the chemical nature of the modification: an NMR investigation. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 519-527.	1.8	19
158	A Simple Structural-Based Approach to Prevent Aminoglycoside Inactivation by Bacterial Defense Proteins. Conformational Restriction Provides Effective Protection against Neomycin-B Nucleotidylation by ANT4. <i>Journal of the American Chemical Society</i> , 2005, 127, 8278-8279.	13.7	50
159	Carbohydrate-Based DNA Ligands: Sugar Oligoamides as a Tool to Study Carbohydrate-Nucleic Acid Interactions. <i>Journal of the American Chemical Society</i> , 2005, 127, 9518-9533.	13.7	31
160	The relative orientation of the lipid and carbohydrate moieties of lipochitoooligosaccharides related to nodulation factors depends on lipid chain saturation. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1381-1386.	2.8	13
161	Molecular Recognition of Saccharides by Proteins. Insights on the Origin of the Carbohydrate-Aromatic Interactions. <i>Journal of the American Chemical Society</i> , 2005, 127, 7379-7386.	13.7	214
162	Diffusion ordered spectroscopy as a complement to size exclusion chromatography in oligosaccharide analysis. <i>Glycobiology</i> , 2004, 14, 451-456.	2.5	73

#	ARTICLE	IF	CITATIONS
163	Computational and Experimental NMR Definition of Differences in the Conformational Behavior of Free and Lectin-Bound Glycomimetic Aza/Carba-Lactosides. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1604-1613.	2.4	17
164	The Conformational Behavior of Novel Glycosidase Inhibitors with Substituted Azepan Structures: An NMR and Modeling Study. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4119-4129.	2.4	27
165	Synthesis, Conformational Studies and Mannosidase Stability of a Mimic of 1,2-Mannobioside. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 5119-5225.	2.4	29
166	NMR and Modeling Studies of Protein-Carbohydrate Interactions: Synthesis, Three-Dimensional Structure, and Recognition Properties of a Minimum Hevein Domain with Binding Affinity for Chitooligosaccharides. <i>ChemBioChem</i> , 2004, 5, 1245-1255.	2.6	75
167	Intramolecular Carbohydrate-Aromatic Interactions and Intermolecular van der Waals Interactions Enhance the Molecular Recognition Ability of GM1 Glycomimetics for Cholera Toxin. <i>Chemistry - A European Journal</i> , 2004, 10, 4395-4406.	3.3	69
168	Protein molecular weight standards can compensate systematic errors in diffusion-ordered spectroscopy. <i>Analytical Biochemistry</i> , 2004, 331, 395-397.	2.4	25
169	Toward the understanding of the structure and dynamics of protein-carbohydrate interactions: molecular dynamics studies of the complexes between hevein and oligosaccharidic ligands. <i>Carbohydrate Research</i> , 2004, 339, 985-994.	2.3	25
170	Enzymatic synthesis of complex glycosaminotrioses and study of their molecular recognition by hevein domains. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1987-1994.	2.8	22
171	G2 and DFT Rigorous Description of the Inversion Process of Oxane and Thiane used as Simple Ring Systems to Model Sugar Components. <i>ChemPhysChem</i> , 2003, 4, 754-757.	2.1	11
172	Molecular Basis for the Direct Inhibition of AP-1 DNA Binding by 15-Deoxy- $\Delta^{12,14}$ -prostaglandin J ₂ . <i>Journal of Biological Chemistry</i> , 2003, 278, 51251-51260.	3.4	123
173	The cyclopentenone 15-deoxy- $\Delta^{12,14}$ -prostaglandin J ₂ binds to and activates H-Ras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4772-4777.	7.1	124
174	Conformational Selection of Glycomimetics at Enzyme Catalytic Sites: Experimental Demonstration of the Binding of Distinct High-Energy Distorted Conformations of C-, S-, and O-Glycosides by E. Coli β -Galactosidases. <i>Journal of the American Chemical Society</i> , 2002, 124, 4804-4810.	13.7	85
175	Experimental evidence for the existence of non-exo-anomeric conformations in branched oligosaccharides: the neomycin-B case. <i>Chemical Communications</i> , 2002, , 2232-2233.	4.1	3
176	Second-Generation Mimics of Ganglioside GM1 Oligosaccharide: A Three-Dimensional View of Their Interactions with Bacterial Enterotoxins by NMR and Computational Methods. <i>Chemistry - A European Journal</i> , 2002, 8, 4597-4612.	3.3	31
177	Experimental Evidence for the Existence of Non-exo-Anomeric Conformations in Branched Oligosaccharides: NMR Analysis of the Structure and Dynamics of Aminoglycosides of the Neomycin Family. <i>Chemistry - A European Journal</i> , 2002, 8, 5228-5240.	3.3	22
178	The Impact of R53C Mutation on the Three-Dimensional Structure, Stability, and DNA-Binding Properties of the Human Hex-1 Homeodomain. <i>ChemBioChem</i> , 2002, 3, 726.	2.6	12
179	Contribution of Covalent Protein Modification to the Antiinflammatory Effects of Cyclopentenone Prostaglandins. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 533-536.	3.8	33
180	Second-generation mimics of ganglioside GM1 oligosaccharide: a three-dimensional view of their interactions with bacterial enterotoxins by NMR and computational methods. <i>Chemistry - A European Journal</i> , 2002, 8, 4598-612.	3.3	9

#	ARTICLE	IF	CITATIONS
181	NMR investigations of protein-carbohydrate interactions: insights into the topology of the bound conformation of a lactose isomer and β -galactosyl xyloses to mistletoe lectin and galectin-1. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001, 1568, 225-236.	2.4	31
182	Conformational selection of non-hydrolyzable glycomimetics: the conformation of N,N'-diacetylthiochitobiose bound to wheat germ agglutinin. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 867-872.	1.3	2
183	Gold Glyconanoparticles as Water-Soluble Polyvalent Models To Study Carbohydrate Interactions. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2257-2261.	13.8	354
184	15-Deoxy- Δ^2 ,14-prostaglandin J2 Inhibition of NF- κ B-DNA Binding through Covalent Modification of the p50 Subunit. <i>Journal of Biological Chemistry</i> , 2001, 276, 35530-35536.	3.4	274
185	Conformational Differences Between O- and C-Glycosides: The β -O-Man-(1 \rightarrow 1)- β -Gal/ β -C-Man-(1 \rightarrow 1)- β -Gal Case- A Decisive Demonstration of the Importance of the exo-Anomeric Effect on the Conformation of Glycosides. <i>Chemistry - A European Journal</i> , 2000, 6, 1035-1041.	3.3	83
186	NMR investigations of protein-carbohydrate interactions: Studies on the relevance of Trp/Tyr variations in lectin binding sites as deduced from titration microcalorimetry and NMR studies on hevein domains. Determination of the NMR structure of the complex between pseudohevein and N,N',N'-triacetylchitotriose. , 2000, 40, 218-236.		59
187	The Conformational Behaviour of Non-Hydrolyzable Lactose Analogues: The Thioglycoside, Carbaglycoside, and Carba-Iminoglycoside Cases. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 1945-1952.	2.4	52
188	A New Combined Computational and NMR-Spectroscopical Strategy for the Identification of Additional Conformational Constraints of the Bound Ligand in an Aprotic Solvent. <i>ChemBioChem</i> , 2000, 1, 181-195.	2.6	49
189	NMR investigations of protein-carbohydrate interactions. <i>FEBS Journal</i> , 2000, 267, 3965-3978.	0.2	46
190	Differential mechanism-based labeling and unequivocal activity assignment of the two active sites of intestinal lactase/phlorizin hydrolase. <i>FEBS Journal</i> , 2000, 267, 6996-7005.	0.2	42
191	Structural basis for chitin recognition by defense proteins: GlcNAc residues are bound in a multivalent fashion by extended binding sites in hevein domains. <i>Chemistry and Biology</i> , 2000, 7, 529-543.	6.0	131
192	The conformation of C-glycosyl compounds. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2000, 56, 235-284.	0.9	59
193	Dietary flavonoid and isoflavone glycosides are hydrolysed by the lactase site of lactase phlorizin hydrolase. <i>FEBS Letters</i> , 2000, 468, 166-170.	2.8	663
194	Generalized Anomeric Effect in Action: Synthesis and Evaluation of Stable Reducing Indolizidine Glycomimetics as Glycosidase Inhibitors. <i>Journal of Organic Chemistry</i> , 2000, 65, 136-143.	3.2	65
195	Free and protein-bound carbohydrate structures. <i>Current Opinion in Structural Biology</i> , 1999, 9, 549-555.	5.7	119
196	Bovine Heart Galectin-1 Selects a Unique (Syn) Conformation of C-Lactose, a Flexible Lactose Analogue. <i>Journal of the American Chemical Society</i> , 1999, 121, 8995-9000.	13.7	93
197	Conformational Behavior of Aza-C-Glycosides: An Experimental Demonstration of the Relative Role of the exo-anomeric Effect and 1,3-Type Interactions in Controlling the Conformation of Regular Glycosides. <i>Journal of the American Chemical Society</i> , 1999, 121, 11318-11329.	13.7	58
198	NMR studies of the conformation of thiocellobiose bound to a β -glucosidase from <i>Streptomyces</i> sp. <i>FEBS Letters</i> , 1998, 421, 243-248.	2.8	42

#	ARTICLE	IF	CITATIONS
199	Analogues of farnesylcysteine induce apoptosis in HL-60 cells. <i>FEBS Letters</i> , 1998, 426, 319-324.	2.8	20
200	Escherichiacoli β -Galactosidase Recognizes a High-Energy Conformation of C-Lactose, a Nonhydrolyzable Substrate Analogue. NMR and Modeling Studies of the Molecular Complex. <i>Journal of the American Chemical Society</i> , 1998, 120, 1309-1318.	13.7	98
201	NMR investigations of protein-carbohydrate interactions: refined three-dimensional structure of the complex between hevein and methyl α -chitobioside. <i>Glycobiology</i> , 1998, 8, 569-577.	2.5	75
202	N-Thiocarbonyl azasugars: a new family of carbohydrate mimics with controlled anomeric configuration. <i>Chemical Communications</i> , 1997, , 1969.	4.1	51
203	Applications of nuclear magnetic resonance spectroscopy and molecular modeling to the study of protein-carbohydrate interactions. <i>Journal of Molecular Graphics and Modelling</i> , 1997, 15, 9-17.	2.4	15
204	Regioselectivity of the enzymatic transgalactosidation of d- and l-xylose catalysed by β -galactosidases. <i>Carbohydrate Research</i> , 1997, 305, 383-391.	2.3	23
205	Experimental Evidence of Conformational Differences between C-Glycosides and O-Glycosides in Solution and in the Protein-Bound State: The C-Lactose/O-Lactose Case. <i>Journal of the American Chemical Society</i> , 1996, 118, 10862-10871.	13.7	84
206	Unterschiede zwischen den Konformationen von O- und C-Glycosiden im proteingebundenen Zustand: Ricin B, ein Galactose-bindendes Protein, erkennt unterschiedliche Konformationen von C-Lactose und dessen O-Analogon. <i>Angewandte Chemie</i> , 1996, 108, 323-326.	2.0	8
207	A direct enzymatic synthesis of β -d-galactopyranosyl-d-xylopyranosides and their use to evaluate rat intestinal lactase activity in vivo. <i>Carbohydrate Research</i> , 1996, 290, 209-216.	2.3	18
208	Conformational Differences of O- and C-Glycosides in the Protein-Bound State: Different Conformations of C-Lactose and Its O-Analogue are Recognized by Ricin B, a Galactose-Binding Protein. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 303-306.	4.4	56
209	Role of Tetrahydrobiopterin Availability in the Regulation of Nitric-oxide Synthase Expression in Human Mesangial Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 14290-14295.	3.4	39
210	The Interaction of Hevein with N-acetylglucosamine-containing Oligosaccharides. Solution Structure of Hevein Complexed to Chitobiose. <i>FEBS Journal</i> , 1995, 230, 621-633.	0.2	99
211	Studies of the Bound Conformations of Methyl α -Lactoside and Methyl β -Allolactoside to Ricin B Chain Using Transferred NOE Experiments in the Laboratory and Rotating Frames, Assisted by Molecular Mechanics and Dynamics Calculations. <i>FEBS Journal</i> , 1995, 233, 618-630.	0.2	60
212	Substrate specificity of small-intestinal lactase: Study of the steric effects and hydrogen bonds involved in enzyme-substrate interaction. <i>Carbohydrate Research</i> , 1995, 271, 31-42.	2.3	25
213	Regioselective Acetylations of Alkyl β -D-Xylopyranosides by Use of Lipase PS in Organic Solvents and Application to the Chemoenzymic Synthesis of Oligosaccharides. <i>Journal of Organic Chemistry</i> , 1994, 59, 7027-7032.	3.2	41
214	Substrate specificity of small-intestinal lactase. Assessment of the role of the substrate hydroxyl groups. <i>FEBS Journal</i> , 1992, 209, 415-422.	0.2	42
215	Methylation and demethylation reactions of guanine nucleotide-binding proteins of retinal rod outer segments.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 3043-3046.	7.1	208
216	The gamma subunit of transducin is farnesylated.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 7673-7677.	7.1	188

#	ARTICLE	IF	CITATIONS
217	Substrate specificities and mechanism in the enzymic processing of vitamin A into 11-cis-retinol. <i>Biochemistry</i> , 1990, 29, 9690-9697.	2.5	50
218	Inhibitors of retinyl ester formation also prevent the biosynthesis of 11-cis-retinol. <i>Biochemistry</i> , 1990, 29, 309-312.	2.5	75
219	Membranes as the energy source in the endergonic transformation of vitamin A to 11-cis-retinol. <i>Science</i> , 1989, 244, 968-971.	12.6	175
220	Recent advances in the application of NMR methods to uncover the conformation and recognition features of glycans. <i>Carbohydrate Chemistry</i> , 0, , 47-82.	0.3	2