Jeroen CodÃ©e

List of Publications by Year
in descending order

207 papers	7,497 citations	57631 44 h-index	79541 73 g-index
223 all docs	223 docs citations	223 times ranked	5027 citing authors

#	Article	IF	Citations
1	Microreactors as Tools for Synthetic Chemistsâ€"The Chemists' Round-Bottomed Flask of the 21st Century?. Chemistry - A European Journal, 2006, 12, 8434-8442.	1.7	433
2	Thioglycosides in sequential glycosylation strategies. Chemical Society Reviews, 2005, 34, 769.	18.7	300
3	Ph2SO/Tf2O:â€‰ a Powerful Promotor System in Chemoselective Glycosylations Using Thioglycosides. Organic Letters, 2003, 5, 1519-1522.	2.4	219
4	A Modular Strategy Toward the Synthesis of Heparin-like Oligosaccharides Using Monomeric Building Blocks in a Sequential Glycosylation Strategy. Journal of the American Chemical Society, 2005, 127, 3767-3773.	6.6	146
5	Thioglycuronides:â€‰ Synthesis and Application in the Assembly of Acidic Oligosaccharides. Organic Letters, 2004, 6, 2165-2168.	2.4	137
6	Methicillin-resistant Staphylococcus aureus alters cell wall glycosylation to evade immunity. Nature, 2018, 563, 705-709.	13.7	137
7	The influence of acceptor nucleophilicity on the glycosylation reaction mechanism. Chemical Science, 2017, 8, 1867-1875.	3.7	130
8	Chemoselective glycosylations using sulfonium triflate activator systems. Tetrahedron, 2004, 60, 1057-1064.	1.0	123
9	Acceptor reactivity in glycosylation reactions. Chemical Society Reviews, 2019, 48, 4688-4706.	18.7	114
10	Novel Activityâ€Based Probes for Broadâ€Spectrum Profiling of Retaining Î²â€Exoglucosidases Inâ€…Situ and Inâ€…Vivo. Angewandte Chemie - International Edition, 2012, 51, 12529-12533.	7.2	104
11	Microreactor Synthesis of Î²-Peptides. Angewandte Chemie - International Edition, 2006, 45, 7000-7003.	7.2	100
12	Sequential One-Pot Glycosylations Using 1-Hydroxyl and 1-Thiodonors. Organic Letters, 2003, 5, 1947-1950.	2.4	97
13	The impact of oxacarbenium ion conformers on the stereochemical outcome of glycosylations. Carbohydrate Research, 2010, 345, 1252-1263.	1.1	97
14	Oligosaccharide Synthesis in Microreactors. Organic Letters, 2007, 9, 2285-2288.	2.4	95
15	Automated Solidâ€Phase Synthesis of Î²â€Mannuronic Acid Alginates. Angewandte Chemie - International Edition, 2012, 51, 4393-4396.	7.2	95
16	Reagent Controlled Stereoselective Synthesis of Î±-Glucans. Journal of the American Chemical Society, 2018, 140, 4632-4638.	6.6	90
17	Automated Solidâ€Phase Synthesis of Protected Oligosaccharides Containing Î²â€Mannosidic Linkages. Chemistry - A European Journal, 2008, 14, 3987-3994.	1.7	86
18	Controlling Multivalent Binding through Surface Chemistry: Model Study on Streptavidin. Journal of the American Chemical Society, 2017, 139, 4157-4167.	6.6	86

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19	Quantification of Globotriaosylsphingosine in Plasma and Urine of Fabry Patients by Stable Isotope Ultraperformance Liquid Chromatographyâ€“Tandem Mass Spectrometry. Clinical Chemistry, 2013, 59, 547-556.	1.5	85
20	Efficient Installation of Î²-Mannosides Using a Dehydrative Coupling Strategy. Organic Letters, 2005, 7, 3251-3254.	2.4	84
21	Defining the S_N1 Side of Glycosylation Reactions: Stereoselectivity of Glycopyranosyl Cations. ACS Central Science, 2019, 5, 781-788.	5.3	84
22	Mapping the Relationship between Glycosyl Acceptor Reactivity and Glycosylation Stereoselectivity. Angewandte Chemie - International Edition, 2018, 57, 8240-8244.	7.2	83
23	Characterization of glycosyl dioxolenium ions and their role in glycosylation reactions. Nature Communications, 2020, 11, 2664.	5.8	83
24	Stereodirecting Effect of the Pyranosyl C-5 Substituent in Glycosylation Reactions. Journal of Organic Chemistry, 2009, 74, 4982-4991.	1.7	79
25	The Stereodirecting Effect of the Glycosyl C5-Carboxylate Ester: Stereoselective Synthesis of Î²-Mannuronic Acid Alginates. Journal of Organic Chemistry, 2009, 74, 38-47.	1.7	77
26	Automated Solid-Phase Synthesis of Hyaluronan Oligosaccharides. Organic Letters, 2012, 14, 3776-3779.	2.4	77
27	Activity-based probes for functional interrogation of retaining Î²-glucuronidases. Nature Chemical Biology, 2017, 13, 867-873.	3.9	76
28	Uronic Acids in Oligosaccharide Synthesis. European Journal of Organic Chemistry, 2007, 2007, 3963-3976.	1.2	75
29	Equatorial Anomeric Triflates from Mannuronic Acid Esters. Journal of the American Chemical Society, 2009, 131, 12080-12081.	6.6	73
30	The use of cyclic bifunctional protecting groups in oligosaccharide synthesisâ€”an overview. Carbohydrate Research, 2007, 342, 419-429.	1.1	66
31	Novel protecting groups in carbohydrate chemistry. Comptes Rendus Chimie, 2011, 14, 178-193.	0.2	66
32	Furanosyl Oxocarbenium Ion Stability and Stereoselectivity. Angewandte Chemie - International Edition, 2014, 53, 10381-10385.	7.2	64
33	Synthetic Glycans to Improve Current Glycoconjugate Vaccines and Fight Antimicrobial Resistance. Chemical Reviews, 2022, 122, 15672-15716.	23.0	63
34	Activation of Glycosyl Halides by Halogen Bonding. Chemistry - an Asian Journal, 2014, 9, 2095-2098.	1.7	58
35	Chemoselective Cleavage of <i>p</i>-Methoxybenzyl and 2-Naphthylmethyl Ethers Using a Catalytic Amount of HCl in Hexafluoro-2-propanol. Journal of Organic Chemistry, 2015, 80, 8796-8806.	1.7	57
36	Synthesis of Sugar Nucleotides by Application of Phosphoramidites. Journal of Organic Chemistry, 2008, 73, 9458-9460.	1.7	54

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37	P. aeruginosa SGNH Hydrolase-Like Proteins AlgJ and AlgX Have Similar Topology but Separate and Distinct Roles in Alginate Acetylation. PLoS Pathogens, 2014, 10, e1004334.	2.1	54
38	Synthetic, Zwitterionic Sp1 Oligosaccharides Adopt a Helical Structure Crucial for Antibody Interaction. ACS Central Science, 2019, 5, 1407-1416.	5.3	52
39	Teichoic acids: synthesis and applications. Chemical Society Reviews, 2017, 46, 1464-1482.	18.7	50
40	Molecular mechanism of Aspergillus fumigatus biofilm disruption by fungal and bacterial glycoside hydrolases. Journal of Biological Chemistry, 2019, 294, 10760-10772.	1.6	50
41	Structural and Functional Characterization of Pseudomonas aeruginosa AlgX. Journal of Biological Chemistry, 2013, 288, 22299-22314.	1.6	48
42	Stereoselectivity of Conformationally Restricted Glucosazide Donors. Journal of Organic Chemistry, 2017, 82, 4793-4811.	1.7	48
43	Elucidating the Ordering in Self-Assembled Glycocalyx Mimicking Supramolecular Copolymers in Water. Journal of the American Chemical Society, 2019, 141, 13877-13886.	6.6	47
44	Radical Cyclization of Sugar-Derived Î²-(Alkynyloxy)acrylates:â€‰ Synthesis of Novel Fused Ethers. Organic Letters, 2000, 2, 1275-1277.	2.4	46
45	Uronic Acids in Oligosaccharide and Glycoconjugate Synthesis. Topics in Current Chemistry, 2010, 301, 253-289.	4.0	46
46	Mapping the Reactivity and Selectivity of 2-Azidofucosyl Donors for the Assembly of <i>N</i>-Acetylfucosamine-Containing Bacterial Oligosaccharides. Journal of Organic Chemistry, 2017, 82, 848-868.	1.7	46
47	Stereoselective Synthesis of <scp>L</scp>â€Guluronic Acid Alginates. Chemistry - A European Journal, 2008, 14, 9400-9411.	1.7	45
48	Potent and Selective Activity-Based Probes for GH27 Human Retaining Î±-Galactosidases. Journal of the American Chemical Society, 2014, 136, 11622-11625.	6.6	45
49	Detection of Active Mammalian GH31 Î±-Glucosidases in Health and Disease Using In-Class, Broad-Spectrum Activity-Based Probes. ACS Central Science, 2016, 2, 351-358.	5.3	45
50	Synthesis of the <i>Staphylococcus aureus</i> Strain M Capsular Polysaccharide Repeating Unit. Organic Letters, 2017, 19, 2514-2517.	2.4	45
51	Structural Characterization of Biofunctionalized Gold Nanoparticles by Ultrahigh-Resolution Mass Spectrometry. ACS Nano, 2017, 11, 8257-8264.	7.3	45
52	Synthesis of Hyaluronic Acid Oligomers using Chemoselective and One-Pot Strategies. Journal of Organic Chemistry, 2009, 74, 4208-4216.	1.7	44
53	From Covalent Glycosidase Inhibitors to Activityâ€Based Glycosidase Probes. Chemistry - A European Journal, 2014, 20, 10864-10872.	1.7	44
54	In vitro and in vivo comparative and competitive activity-based protein profiling of GH29 Î±-<scp>l</scp>-fucosidases. Chemical Science, 2015, 6, 2782-2789.	3.7	44

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55	Galacturonic Acid Lactones in the Synthesis of All Trisaccharide Repeating Units of the Zwitterionic Polysaccharide Sp1. Journal of Organic Chemistry, 2011, 76, 1692-1706.	1.7	43
56	1,6-Cyclophellitol Cyclosulfates: A New Class of Irreversible Glycosidase Inhibitor. ACS Central Science, 2017, 3, 784-793.	5.3	43
57	Synthesis of Hyaluronic Acid Oligomers Using Ph2SO/Tf2O-Mediated Glycosylations. Journal of Organic Chemistry, 2007, 72, 5737-5742.	1.7	42
58	Mannosazide Methyl Uronate Donors. Glycosylating Properties and Use in the Construction of Î²-ManNAcA-Containing Oligosaccharides. Journal of Organic Chemistry, 2010, 75, 7990-8002.	1.7	42
59	Mannopyranosyl Uronic Acid Donor Reactivity. Organic Letters, 2011, 13, 4360-4363.	2.4	42
60	Influence of O6 in Mannosylations Using Benzylidene Protected Donors: Stereoelectronic or Conformational Effects?. Journal of Organic Chemistry, 2013, 78, 2191-2205.	1.7	41
61	Acceptor Reactivity in the Total Synthesis of Alginate Fragments Containing Î±â€‹<scp>L</scp>â€Guluronic Acid and Î²â€‹<scp>D</scp>â€Mannuronic Acid. Angewandte Chemie - International Edition, 2015, 54, 7670-7673.	7.2	40
62	Regioselectivity of Epoxide Ringâ€Openings via S_N2 Reactions Under Basic and Acidic Conditions. European Journal of Organic Chemistry, 2020, 2020, 3822-3828.	1.2	40
63	The synthesis of well-defined heparin and heparan sulfate fragments. Drug Discovery Today: Technologies, 2004, 1, 317-326.	4.0	39
64	Catalytic Mechanism and Mode of Action of the Periplasmic Alginate Epimerase AlgG. Journal of Biological Chemistry, 2014, 289, 6006-6019.	1.6	39
65	A stereoselective and efficient route to (3S, 4R, 5S)-(+)-4,5-dihydroxycyclopent-1-en-3-ylamine: the side chain of the hypermodified nucleoside Q. Tetrahedron Letters, 1998, 39, 7987-7990.	0.7	38
66	Protection Against Staphylococcus aureus by Antibody to the Polyglycerolphosphate Backbone of Heterologous Lipoteichoic Acid. Journal of Infectious Diseases, 2012, 205, 1076-1085.	1.9	38
67	Structural and biochemical characterization of the exopolysaccharide deacetylase Agd3 required for Aspergillus fumigatus biofilm formation. Nature Communications, 2020, 11, 2450.	5.8	38
68	Systematic Dual Targeting of Dendritic Cell C-Type Lectin Receptor DC-SIGN and TLR7 Using a Trifunctional Mannosylated Antigen. Frontiers in Chemistry, 2019, 7, 650.	1.8	37
69	On the reactivity and selectivity of donor glycosides in glycochemistry and glycobiology: trapped covalent intermediates. Chemical Science, 2013, 4, 897-906.	3.7	35
70	Ega3 from the fungal pathogen Aspergillus fumigatus is an endo-Î±-1,4-galactosaminidase that disrupts microbial biofilms. Journal of Biological Chemistry, 2019, 294, 13833-13849.	1.6	35
71	Do not discard Staphylococcus aureus WTA as a vaccine antigen. Nature, 2019, 572, E1-E2.	13.7	35
72	Simultaneous quantitation of sphingoid bases by UPLC-ESI-MS/MS with identical 13 C-encoded internal standards. Clinica Chimica Acta, 2017, 466, 178-184.	0.5	34

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73	Dynamic and Functional Profiling of Xylan-Degrading Enzymes in <i>Aspergillus</i> Secretomes Using Activity-Based Probes. ACS Central Science, 2019, 5, 1067-1078.	5.3	34
74	A versatile approach to the synthesis of highly functionalised carbocycles. Tetrahedron Letters, 1999, 40, 5063-5066.	0.7	33
75	Stereoselective Synthesis of 2,3-Diamino-2,3-dideoxy-Î²-d-mannopyranosyl Uronates. Journal of Organic Chemistry, 2011, 76, 7301-7315.	1.7	33
76	Synthetic Teichoic Acid Conjugate Vaccine against Nosocomial Gram-Positive Bacteria. PLoS ONE, 2014, 9, e110953.	1.1	33
77	Rational Design of Mechanism-Based Inhibitors and Activity-Based Probes for the Identification of Retaining Î±-<scp>l</scp>-Arabinofuranosidases. Journal of the American Chemical Society, 2020, 142, 4648-4662.	6.6	33
78	Activityâ€Based Profiling of Retaining Î²â€Glucosidases: A Comparative Study. ChemBioChem, 2011, 12, 1263-1269.	1.3	32
79	Mapping the Relationship between Glycosyl Acceptor Reactivity and Glycosylation Stereoselectivity. Angewandte Chemie, 2018, 130, 8372-8376.	1.6	32
80	Exploring and Exploiting the Reactivity of Glucuronic Acid Donors. Journal of Organic Chemistry, 2012, 77, 108-125.	1.7	31
81	<i>N</i>-Tetradecylcarbamyl Lipopeptides as Novel Agonists for Toll-like Receptor 2. Journal of Medicinal Chemistry, 2014, 57, 6873-6878.	2.9	31
82	Chiral Pyrroline-Based Ugi-Three-Component Reactions Are under Kinetic Control. Organic Letters, 2013, 15, 3026-3029.	2.4	29
83	Synthesis of Cyclophellitol, Cyclophellitol Aziridine, and Their Tagged Derivatives. European Journal of Organic Chemistry, 2014, 2014, 6030-6043.	1.2	28
84	Stereoselectivity in the Lewis Acid Mediated Reduction of Ketofuranoses. Journal of Organic Chemistry, 2015, 80, 4553-4565.	1.7	28
85	Functionalized Cyclophellitols Are Selective Glucocerebrosidase Inhibitors and Induce a Bona Fide Neuropathic Gaucher Model in Zebrafish. Journal of the American Chemical Society, 2019, 141, 4214-4218.	6.6	28
86	Self-Adjuvanting Cancer Vaccines from Conjugation-Ready Lipid A Analogues and Synthetic Long Peptides. Journal of Medicinal Chemistry, 2020, 63, 11691-11706.	2.9	28
87	Synthesis and Structural Analysis of <i>Aspergillus fumigatus</i> Galactosaminogalactans Featuring Î±â€Galactose, Î±â€Galactosamine and Î±â€‹<i>N</i>â€Acetyl Galactosamine Linkages. Angewandte Chemie - International Edition, 2020, 59, 12746-12750.	7.2	28
88	How Lewis Acids Catalyze Ring-Openings of Cyclohexene Oxide. Journal of Organic Chemistry, 2021, 86, 3565-3573.	1.7	28
89	Total Synthesis of the Triglycosyl Phenolic Glycolipid PGLâ€tb1 from <i>Mycobacterium tuberculosis</i>. Angewandte Chemie - International Edition, 2012, 51, 11774-11777.	7.2	27
90	Fluorous Linker Facilitated Synthesis of Teichoic Acid Fragments. Organic Letters, 2012, 14, 848-851.	2.4	27

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91	Towards broad spectrum activity-based glycosidase probes: synthesis and evaluation of deoxygenated cyclophellitol aziridines. Chemical Communications, 2017, 53, 12528-12531.	2.2	27
92	Dual-Participation Protecting Group Solves the Anomeric Stereocontrol Problems in Glycosylation Reactions. Organic Letters, 2019, 21, 8713-8717.	2.4	27
93	Doxorubicin and Aclarubicin: Shuffling Anthracycline Glycans for Improved Anticancer Agents. Journal of Medicinal Chemistry, 2020, 63, 12814-12829.	2.9	27
94	Fast and pHâ€Independent Elimination of <i>trans</i>â€Cyclooctene by Using Aminoethylâ€Functionalized Tetrazines. Chemistry - A European Journal, 2018, 24, 18075-18081.	1.7	26
95	Furanosyl Oxocarbenium Ion Conformational Energy Landscape Maps as a Tool to Study the Glycosylation Stereoselectivity of 2â€Azidofuranoses, 2â€Fluorofuranoses and Methyl Furanosyl Uronates. Chemistry - A European Journal, 2019, 25, 7149-7157.	1.7	26
96	Methylsulfonylethoxycarbonyl (Msc) and fluorous propylsulfonylethoxycarbonyl (FPsc) as hydroxy-protecting groups in carbohydrate chemistry. Tetrahedron Letters, 2009, 50, 2185-2188.	0.7	24
97	Exploring functional cyclophellitol analogues as human retaining beta-glucosidase inhibitors. Organic and Biomolecular Chemistry, 2014, 12, 7786-7791.	1.5	24
98	Carba-cyclophellitols Are Neutral Retaining-Glucosidase Inhibitors. Journal of the American Chemical Society, 2017, 139, 6534-6537.	6.6	24
99	Dual Synthetic Peptide Conjugate Vaccine Simultaneously Triggers TLR2 and NOD2 and Activates Human Dendritic Cells. Bioconjugate Chemistry, 2019, 30, 1150-1161.	1.8	24
100	Manno-<i>epi</i>-cyclophellitols Enable Activity-Based Protein Profiling of Human Î±-Mannosidases and Discovery of New Golgi Mannosidase II Inhibitors. Journal of the American Chemical Society, 2020, 142, 13021-13029.	6.6	24
101	Synthesis of an Î±-kojibiosyl substituted glycerol teichoic acid hexamer. Bioorganic and Medicinal Chemistry, 2010, 18, 3668-3678.	1.4	23
102	Cyanopivaloyl Ester in the Automated Solid-Phase Synthesis of Oligorhamnans. Journal of Organic Chemistry, 2017, 82, 12992-13002.	1.7	23
103	Multigram-scale synthesis of an orthogonally protected 2-acetamido-4-amino-2,4,6-trideoxy-d-galactose (AAT) building block. Carbohydrate Research, 2012, 356, 282-287.	1.1	21
104	Comparing Cyclophellitol <i>N</i>â€Alkyl and <i>N</i>â€Acyl Cyclophellitol Aziridines as Activityâ€Based Glycosidase Probes. Chemistry - A European Journal, 2015, 21, 10861-10869.	1.7	21
105	Synthesis of a Panel of Carbonâ€13â€Labelled (Glyco)Sphingolipids. European Journal of Organic Chemistry, 2015, 2015, 2661-2677.	1.2	21
106	A novel strategy towards the synthesis of orthogonally functionalised 4-aminoglycosides. Organic and Biomolecular Chemistry, 2003, 1, 4160-4165.	1.5	20
107	Sulfonium Triflate Mediated Glycosidations of Aryl 2-Azido-2-deoxy-1-thio-D-mannosides. European Journal of Organic Chemistry, 2005, 2005, 918-924.	1.2	20
108	Stereoselectivity of glycosylations of conformationally restricted mannuronate esters. Tetrahedron, 2009, 65, 3780-3788.	1.0	20

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109	A Secondâ€Generation Tandem Ringâ€Closing Metathesis Cleavable Linker for Solidâ€Phase Oligosaccharide Synthesis. European Journal of Organic Chemistry, 2013, 2013, 6644-6655.	1.2	20
110	Chair interconversion and reactivity of mannuronic acid esters. Organic and Biomolecular Chemistry, 2013, 11, 8127.	1.5	20
111	A Sensitive Gel-based Method Combining Distinct Cyclophellitol-based Probes for the Identification of Acid/Base Residues in Human Retaining Î²-Glucosidases. Journal of Biological Chemistry, 2014, 289, 35351-35362.	1.6	20
112	Synthesis, Reactivity, and Stereoselectivity of 4-Thiofuranosides. Journal of Organic Chemistry, 2019, 84, 1218-1227.	1.7	20
113	2,2-Dimethyl-4-(4-methoxy-phenoxy) butanoate and 2,2-Dimethyl-4-azido Butanoate: Two New Pivaloate-ester-like Protecting Groups. Organic Letters, 2013, 15, 2270-2273.	2.4	19
114	Lipophilic Muramyl Dipeptideâ€“Antigen Conjugates as Immunostimulating Agents. ChemMedChem, 2016, 11, 190-198.	1.6	19
115	A Divergent Synthesis of <scp>l</scp>â€‹<i>arabino</i>â€•and <scp>d</scp>â€‹<i>xylo</i>â€Configured Cyclophellitol Epoxides and Aziridines. European Journal of Organic Chemistry, 2016, 2016, 4787-4794.	1.2	19
116	1â€Picolinylâ€5â€azido Thiosialosides: Versatile Donors for the Stereoselective Construction of Sialyl Linkages. Angewandte Chemie - International Edition, 2019, 58, 17000-17008.	7.2	19
117	Reagent Controlled Glycosylations for the Assembly of Well-Defined Pel Oligosaccharides. Journal of Organic Chemistry, 2020, 85, 15872-15884.	1.7	19
118	Single-molecule imaging of glycanâ€“lectin interactions on cells with Glyco-PAINT. Nature Chemical Biology, 2021, 17, 1281-1288.	3.9	19
119	On the Reactivity and Selectivity of Galacturonic Acid Lactones. European Journal of Organic Chemistry, 2012, 2012, 5729-5737.	1.2	18
120	Streamlined Synthesis and Evaluation of Teichoic Acid Fragments. Chemistry - A European Journal, 2018, 24, 4014-4018.	1.7	18
121	A stabilized glycomimetic conjugate vaccine inducing protective antibodies against Neisseria meningitidis serogroup A. Nature Communications, 2020, 11, 4434.	5.8	18
122	Automated solid phase synthesis of teichoic acids. Chemical Communications, 2011, 47, 8961.	2.2	17
123	A Concise Synthesis of Globotriaosylsphingosine. European Journal of Organic Chemistry, 2011, 2011, 1652-1663.	1.2	17
124	Synthesis of Î±â€•and Î²â€Galactopyranoseâ€Configured Isomers of Cyclophellitol and Cyclophellitol Aziridine. European Journal of Organic Chemistry, 2014, 2014, 6044-6056.	1.2	17
125	Synthesis of 6-Hydroxysphingosine and Î±-Hydroxy Ceramide Using a Cross-Metathesis Strategy. Journal of Organic Chemistry, 2015, 80, 7258-7265.	1.7	17
126	Synthetic zwitterionic polysaccharides. Current Opinion in Chemical Biology, 2017, 40, 95-101.	2.8	17

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127	Gluco-1<i>H</i>-imidazole: A New Class of Azole-Type Î²-Glucosidase Inhibitor. Journal of the American Chemical Society, 2018, 140, 5045-5048.	6.6	17
128	Peptides conjugated to 2-alkoxy-8-oxo-adenine as potential synthetic vaccines triggering TLR7. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1340-1344.	1.0	17
129	Activity-Based Protein Profiling of Retaining Î±-Amylases in Complex Biological Samples. Journal of the American Chemical Society, 2021, 143, 2423-2432.	6.6	17
130	Light fluorous synthesis of glucosylated glycerol teichoic acids. Carbohydrate Research, 2012, 356, 142-151.	1.1	16
131	The Cyanopivaloyl Ester: A Protecting Group in the Assembly of Oligorhamnans. European Journal of Organic Chemistry, 2016, 2016, 5282-5293.	1.2	16
132	Synthesis of E. faecium wall teichoic acid fragments. Bioorganic and Medicinal Chemistry, 2016, 24, 3893-3907.	1.4	16
133	Formation of Immune Complexes with a Tetanus-Derived B Cell Epitope Boosts Human T Cell Responses to Covalently Linked Peptides in an Ex Vivo Blood Loop System. Journal of Immunology, 2018, 201, 87-97.	0.4	16
134	Reagent Controlled Stereoselective Assembly of Î±â€(1,3)â€Glucans. European Journal of Organic Chemistry, 2019, 2019, 1994-2003.	1.2	16
135	<i>C</i>-Mannosyl Lysine for Solid Phase Assembly of Mannosylated Peptide Conjugate Cancer Vaccines. ACS Chemical Biology, 2020, 15, 728-739.	1.6	16
136	Reactivityâ€“Stereoselectivity Mapping for the Assembly of <i>Mycobacterium marinum</i> Lipooligosaccharides. Angewandte Chemie - International Edition, 2021, 60, 937-945.	7.2	16
137	Cysteine Nucleophiles in Glycosidase Catalysis: Application of a Covalent Î²â€<scp>lâ€</scp>Arabinofuranosidase Inhibitor. Angewandte Chemie - International Edition, 2021, 60, 5754-5758.	7.2	16
138	Impact of Glycan Linkage to <i>Staphylococcus aureus</i> Wall Teichoic Acid on Langerin Recognition and Langerhans Cell Activation. ACS Infectious Diseases, 2021, 7, 624-635.	1.8	16
139	Linking T cell epitopes to a common linear B cell epitope: A targeting and adjuvant strategy to improve T cell responses. Molecular Immunology, 2018, 93, 115-124.	1.0	15
140	Computational and NMR Studies on the Complexation of Lithium Ion to 8â€Crownâ€4. ChemPhysChem, 2019, 20, 2103-2109.	1.0	15
141	Regioselective Glycosylation Strategies for the Synthesis of Group Ia and Ib Streptococcus Related Glycans Enable Elucidating Unique Conformations of the Capsular Polysaccharides. Chemistry - A European Journal, 2019, 25, 16277-16287.	1.7	15
142	A practical synthesis of capped 4-methylumbelliferyl hyaluronan disaccharides and tetrasaccharides as potential hyaluronidase substrates. Carbohydrate Research, 2011, 346, 1467-1478.	1.1	14
143	Mannuronic Acids: Reactivity and Selectivity. Journal of Carbohydrate Chemistry, 2011, 30, 438-457.	0.4	14
144	The Synthesis of Cyclophellitolâ€Aziridine and Its Configurational and Functional Isomers. European Journal of Organic Chemistry, 2016, 2016, 3671-3678.	1.2	14

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145	On the Origin of Regioselectivity in Palladiumâ€Catalyzed Oxidation of Glucosides. European Journal of Organic Chemistry, 2021, 2021, 632-636.	1.2	14
146	Hydrogen bond activated glycosylation under mild conditions. Chemical Science, 2022, 13, 1600-1607.	3.7	14
147	Targeting of the C-Type Lectin Receptor Langerin Using Bifunctional Mannosylated Antigens. Frontiers in Cell and Developmental Biology, 2020, 8, 556.	1.8	13
148	Glycosylated cyclophellitol-derived activity-based probes and inhibitors for cellulases. RSC Chemical Biology, 2020, 1, 148-155.	2.0	13
149	Accurate quantification of sphingosine-1-phosphate in normal and Fabry disease plasma, cells and tissues by LC-MS/MS with 13 C-encoded natural S1P as internal standard. Clinica Chimica Acta, 2016, 459, 36-44.	0.5	12
150	Synthetic Oligomers Mimicking Capsular Polysaccharide Diheteroglycan are Potential Vaccine Candidates against Encapsulated <i>Enterococcal</i> Infections. ACS Infectious Diseases, 2020, 6, 1816-1826.	1.8	12
151	Synthetic (<i>N</i>,<i>N</i>-Dimethyl)doxorubicin Glycosyl Diastereomers to Dissect Modes of Action of Anthracycline Anticancer Drugs. Journal of Organic Chemistry, 2021, 86, 5757-5770.	1.7	12
152	Chemical synthesis of guanosine diphosphate mannuronic acid (GDP-ManA) and its C-4-O-methyl and C-4-deoxy congeners. Carbohydrate Research, 2017, 450, 12-18.	1.1	11
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