

Antony Fairbanks

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7169220/publications.pdf>

Version: 2024-02-01

158
papers

4,377
citations

87888

38
h-index

161849

54
g-index

206
all docs

206
docs citations

206
times ranked

3422
citing authors

#	ARTICLE	IF	CITATIONS
1	Protecting group free glycosylation: one-pot stereocontrolled access to 1,2- <i>trans</i> glycosides and (1 \rightarrow 6)-linked disaccharides of 2-acetamido sugars. <i>Chemical Science</i> , 2022, 13, 4122-4130.	7.4	7
2	Applications of Shoda's reagent (DMC) and analogues for activation of the anomeric centre of unprotected carbohydrates. <i>Carbohydrate Research</i> , 2021, 499, 108197.	2.3	21
3	Synthesis of Glycopeptide and Glycoprotein Remodelling for Immunological Studies. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
4	N-acetylmannosamine-6-phosphate 2-epimerase uses a novel substrate-assisted mechanism to catalyze amino sugar epimerization. <i>Journal of Biological Chemistry</i> , 2021, 297, 101113.	3.4	4
5	Glycosylation Through Intramolecular Aglycon Delivery. , 2021, , 413-434.		1
6	Total Synthesis of Glycosylated Human Interferon- β . <i>Organic Letters</i> , 2020, 22, 6863-6867.	4.6	19
7	Introduction to Glycosylation: new methodologies and applications. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6979-6982.	2.8	6
8	Scope of the DMC mediated glycosylation of unprotected sugars with phenols in aqueous solution. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7355-7365.	2.8	13
9	Direct Synthesis of <i>para</i> -Nitrophenyl Glycosides from Reducing Sugars in Water. <i>Organic Letters</i> , 2020, 22, 2490-2493.	4.6	19
10	Meet the Board of ChemistryOpen: Antony J. Fairbanks. <i>ChemistryOpen</i> , 2019, 8, 188-189.	1.9	0
11	Chemoenzymatic synthesis of glycoproteins. <i>Current Opinion in Chemical Biology</i> , 2019, 53, 9-15.	6.1	21
12	Efficient synthesis and enzymatic extension of an N-GlcNAz asparagine building block. <i>Chemical Communications</i> , 2019, 55, 5287-5290.	4.1	7
13	Rapid synthesis of N-glycan oxazolines from locust bean gum via the Lafont rearrangement. <i>Carbohydrate Research</i> , 2019, 477, 11-19.	2.3	7
14	A double-click approach to the protecting group free synthesis of glycoconjugates. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1258-1262.	2.8	9
15	Synthesis of sulfamide analogues of deoxythymidine monophosphate as potential inhibitors of mycobacterial cell wall biosynthesis. <i>Carbohydrate Research</i> , 2018, 457, 32-40.	2.3	9
16	Synthesis of N-Linked Glycopeptides Using Convergent Enzymatic Glycosylation Combined with SPPS. , 2018, , 1-36.		0
17	Selective Transformations of the Anomeric Centre in Water Using DMC and Derivatives. , 2018, , 109-131.		0
18	Synthetic and semi-synthetic approaches to unprotected N-glycan oxazolines. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 416-429.	2.2	23

#	ARTICLE	IF	CITATIONS
19	Recent applications of click chemistry for the functionalization of gold nanoparticles and their conversion to glyco-gold nanoparticles. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 11-24.	2.2	50
20	Protecting group free synthesis of glycosyl thiols from reducing sugars in water; application to the production of N-glycan glycoconjugates. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2152-2156.	2.8	28
21	Template-less and surfactant-free solvent-driven direct synthesis of urchin-like gold nanoparticles in anisole. <i>International Journal of Nanotechnology</i> , 2017, 14, 337.	0.2	2
22	A new way to do an old reaction: highly efficient reduction of organic azides by sodium iodide in the presence of acidic ion exchange resin. <i>Chemical Communications</i> , 2017, 53, 713-715.	4.1	13
23	Synthesis and incorporation of an advanced lipid peroxidation end-product building block into collagen mimetic peptides. <i>Chemical Communications</i> , 2017, 53, 8459-8462.	4.1	2
24	The ENGases: versatile biocatalysts for the production of homogeneous N-linked glycopeptides and glycoproteins. <i>Chemical Society Reviews</i> , 2017, 46, 5128-5146.	38.1	132
25	Selective anomeric acetylation of unprotected sugars in water. <i>Chemical Science</i> , 2017, 8, 1896-1900.	7.4	32
26	Protecting Group Dependence of Stereochemical Outcome of Glycosylation of 2-O-(Thiophen-2-yl)methyl Ether Protected Glycosyl Donors. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1520-1532.	2.4	11
27	Chemoenzymatic Synthesis of a Phosphorylated Glycoprotein. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5058-5061.	13.8	46
28	Chemoenzymatic Synthesis of a Phosphorylated Glycoprotein. <i>Angewandte Chemie</i> , 2016, 128, 5142-5145.	2.0	8
29	Synthesis of a hybrid type N-glycan heptasaccharide oxazoline for Endo M catalysed glycosylation. <i>Carbohydrate Research</i> , 2016, 426, 40-45.	2.3	7
30	Structure and inhibition of N-acetylneuraminidase from methicillin-resistant <i>Staphylococcus aureus</i> . <i>FEBS Letters</i> , 2016, 590, 4414-4428.	2.8	18
31	Direct aqueous synthesis of cyanomethyl thioglycosides from reducing sugars; ready access to reagents for protein glycosylation. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6679-6682.	2.8	27
32	Synthesis and anti-mycobacterial activity of glycosyl sulfamides of arabinofuranose. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1748-1754.	2.8	8
33	Gold Nanoparticles Decorated with Sialic Acid Terminated Bi-antennary N-Glycans for the Detection of Influenza Virus at Nanomolar Concentrations. <i>ChemistryOpen</i> , 2015, 4, 708-716.	1.9	23
34	Gold Nanoparticles Decorated with Sialic Acid Terminated Bi-antennary N-Glycans for the Detection of Influenza Virus at Nanomolar Concentrations. <i>ChemistryOpen</i> , 2015, 4, 662-662.	1.9	3
35	A surface plasmon resonance assay for measurement of neuraminidase inhibition, sensitivity of wild-type influenza neuraminidase and its H274Y mutant to the antiviral drugs zanamivir and oseltamivir. <i>Journal of Molecular Recognition</i> , 2015, 28, 521-527.	2.1	0
36	Unexpected furanose/pyranose equilibration of N-glycosyl sulfonamides, sulfamides and sulfamates. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6573-6579.	2.8	11

#	ARTICLE	IF	CITATIONS
37	Virtual Issue: Carbohydrates in the 21 st Century: Synthesis and Applications. <i>ChemistryOpen</i> , 2015, 4, 675-676.	1.9	1
38	Convergent chemo-enzymatic synthesis of mannosylated glycopeptides; targeting of putative vaccine candidates to antigen presenting cells. <i>Chemical Science</i> , 2015, 6, 4636-4642.	7.4	40
39	Development of a surface plasmon resonance assay to measure the binding affinity of wild-type influenza neuraminidase and its H274Y mutant to the antiviral drug zanamivir. <i>Journal of Molecular Recognition</i> , 2015, 28, 87-95.	2.1	3
40	Synthesis of arabinose glycosyl sulfamides as potential inhibitors of mycobacterial cell wall biosynthesis. <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 153-166.	5.5	12
41	Control of Gold Nanostructure Morphology by Variation of Temperature and Reagent Ratios in the Turkevich Reaction. <i>Australian Journal of Chemistry</i> , 2015, 68, 858.	0.9	3
42	Size-optimized galactose-capped gold nanoparticles for the colorimetric detection of heat-labile enterotoxin at nanomolar concentrations. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5215-5223.	2.8	18
43	Direct aqueous synthesis of non-protected glycosyl sulfoxides; weak inhibitory activity against glycosidases. <i>Carbohydrate Research</i> , 2015, 413, 123-128.	2.3	3
44	Achiral 2-Hydroxy Protecting Group for the Stereocontrolled Synthesis of 1,2- <i>cis</i> -Glycosides by Six-Ring Neighboring Group Participation. <i>Organic Letters</i> , 2015, 17, 4376-4379.	4.6	24
45	The influence of emulsion structure on the Maillard reaction of ghee. <i>Food Chemistry</i> , 2015, 173, 1243-1249.	8.2	7
46	Protecting-Group-Free One-Pot Synthesis of Glycoconjugates Directly from Reducing Sugars. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11907-11911.	13.8	60
47	Cloning, expression, purification, crystallization and preliminary X-ray diffraction analysis of <i>N</i> -acetylmannosamine-6-phosphate 2-epimerase from methicillin-resistant <i>Staphylococcus aureus</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 650-655.	0.8	8
48	Convergent chemoenzymatic synthesis of a library of glycosylated analogues of pramlintide: structure-activity relationships for amylin receptor agonism. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8142-8151.	2.8	37
49	Neighbouring Group Participation During Glycosylation: Do α -Substituted Ethyl Ethers Participate?. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4624-4642.	2.4	29
50	Endo- β -N-Acetylglucosaminidase catalysed glycosylation: tolerance of enzymes to structural variation of the glycosyl amino acid acceptor. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 942-955.	2.8	22
51	Ruthenium-Catalyzed Transfer Hydrogenation of Amino- and Amido-Substituted Acetophenones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6784-6788.	2.4	17
52	Glycosylation of Pramlintide: Synthetic Glycopeptides that Display In Vitro and In Vivo Activities as Amylin Receptor Agonists. <i>Chemistry - A European Journal</i> , 2013, 19, 15084-15088.	3.3	37
53	Endohexosaminidase-catalyzed synthesis of glycopeptides and proteins. <i>Pure and Applied Chemistry</i> , 2013, 85, 1847-1863.	1.9	26
54	Cloning, expression, purification, crystallization and preliminary X-ray diffraction studies of <i>N</i> -acetylneuraminidase from methicillin-resistant <i>Staphylococcus aureus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 306-312.	0.7	11

#	ARTICLE	IF	CITATIONS
55	The role of the Maillard reaction in the formation of flavour compounds in dairy products – not only a deleterious reaction but also a rich source of flavour compounds. <i>Food and Function</i> , 2012, 3, 1231.	4.6	71
56	Surface plasmon resonance imaging of glycoarrays identifies novel and unnatural carbohydrate-based ligands for potential ricin sensor development. <i>Chemical Science</i> , 2011, 2, 1952.	7.4	42
57	Production and crystallization of processing β -glucosidase I: <i>Pichia pastoris</i> expression and a two-step purification toward structural determination. <i>Protein Expression and Purification</i> , 2011, 79, 96-101.	1.3	9
58	Inhibition of the Pneumococcal Virulence Factor StrH and Molecular Insights into N-Glycan Recognition and Hydrolysis. <i>Structure</i> , 2011, 19, 1603-1614.	3.3	38
59	Endohexosaminidase catalysed glycosylation with oxazoline donors: The development of robust biocatalytic methods for synthesis of defined homogeneous glycoconjugates. <i>Comptes Rendus Chimie</i> , 2011, 14, 44-58.	0.5	20
60	Unique N-Glycan Moieties of the 66-kDa Cell Wall Glycoprotein from the Red Microalga <i>Porphyridium</i> sp.. <i>Journal of Biological Chemistry</i> , 2011, 286, 21340-21352.	3.4	51
61	On the Hydrogenation of Glycosyl Oxazolines. <i>Synlett</i> , 2010, 2010, 1315-1318.	1.8	2
62	Glycosylation Catalyzed by a Chiral Brønsted Acid. <i>Organic Letters</i> , 2010, 12, 1452-1455.	4.6	98
63	<i>Streptococcus pneumoniae</i> endohexosaminidase D; feasibility of using N-glycan oxazoline donors for synthetic glycosylation of a GlcNAc-asparagine acceptor. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1861.	2.8	22
64	Lectin-directed enzyme activated prodrug therapy (LEAPT): Synthesis and evaluation of rhamnose-capped prodrugs. <i>Journal of Drug Targeting</i> , 2010, 18, 794-802.	4.4	27
65	A linked Glycomimetic in the Gas Phase and in Solution: Synthesis and Conformation of the Disaccharide Man β (1,6)Man α OPh. <i>Chemistry - A European Journal</i> , 2009, 15, 4057-4069.	3.3	7
66	Stereoselective synthesis of β -arabino glycosyl sulfones as potential inhibitors of mycobacterial cell wall biosynthesis. <i>Carbohydrate Research</i> , 2009, 344, 739-746.	2.3	19
67	Stereoselective synthesis of β -glucosides by neighbouring group participation via an intermediate thiophenium ion. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 773-780.	1.8	52
68	Special issue in celebration of the 65th birthday of Professor George Fleet. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 641-643.	1.8	0
69	Probing replacement of pyrophosphate via click chemistry; synthesis of UDP-sugar analogues as potential glycosyl transferase inhibitors. <i>Carbohydrate Research</i> , 2009, 344, 586-591.	2.3	38
70	Endohexosaminidase-catalysed glycosylation with oxazoline donors: effects of organic co-solvent and pH on reactions catalysed by Endo A and Endo M. <i>Carbohydrate Research</i> , 2009, 344, 2433-2438.	2.3	22
71	The Conformational Properties of the Glc3Man Unit Suggest Conformational Biasing within the Chaperone-assisted Glycoprotein Folding Pathway. <i>Journal of Molecular Biology</i> , 2009, 387, 335-347.	4.2	22
72	The X-ray Crystal Structure of an <i>Arthrobacter protophormiae</i> Endo- β -N-Acetylglucosaminidase Reveals a $(\beta/\alpha)_8$ Catalytic Domain, Two Ancillary Domains and Active Site Residues Key for Transglycosylation Activity. <i>Journal of Molecular Biology</i> , 2009, 389, 1-9.	4.2	36

#	ARTICLE	IF	CITATIONS
73	Synthesis of glucose derivatives modified at the 4-OH as potential chain-terminators of cellulose biosynthesis; herbicidal activity of simple monosaccharide derivatives. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1097.	2.8	11
74	Synthesis of a truncated bi-antennary complex-type N-glycan oxazoline; glycosylation catalysed by the endohexosaminidases Endo A and Endo M. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3128.	2.8	38
75	Electrochemical glycosylation in the presence of a catalytic chemical mediator. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 516-522.	1.9	14
76	Enhanced Glycosylation with Mutants of Endohexosaminidase A (Endo A). <i>ChemBioChem</i> , 2008, 9, 2045-2051.	2.6	68
77	Endohexosaminidase-catalysed Glycosylation with Oxazoline Donors: Fine Tuning of Catalytic Efficiency and Reversibility. <i>Chemistry - A European Journal</i> , 2008, 14, 6444-6464.	3.3	63
78	Synthesis of UDP-glucose derivatives modified at the 3-OH as potential chain terminators of β^2 -glucan biosynthesis. <i>Carbohydrate Research</i> , 2008, 343, 1012-1022.	2.3	21
79	One-pot synthesis of carbohydrate thionolactones from 1-thiosugars. <i>Tetrahedron Letters</i> , 2008, 49, 4941-4943.	1.4	11
80	Synthesis of Arabino glycosyl triazoles as potential inhibitors of mycobacterial cell wall biosynthesis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6265-6267.	2.2	67
81	Chemical site-selective prenylation of proteins. <i>Molecular BioSystems</i> , 2008, 4, 558.	2.9	23
82	Solvent Interactions and Conformational Choice in a Core N-Glycan Segment: Gas Phase Conformation of the Central, Branching Trimannose Unit and its Singly Hydrated Complex. <i>Journal of the American Chemical Society</i> , 2008, 130, 10691-10696.	13.7	39
83	4-Methoxyphenyl 2,3,4,6-tetra-O-acetyl-1-thio- β -D-mannopyranoside. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1401-o1401.	0.2	1
84	2,3,4,6-Tetra-O-benzoyl-4-nitrophenyl-1-thio- β -D-mannopyranoside in dichloromethane-diethyl ether mixed solvate (1/0.53/0.38). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o236-o236.	0.2	0
85	Protecting Group and Solvent Effects in Electrochemical Glycosylation. <i>Synlett</i> , 2007, 2007, 2711-2717.	1.8	2
86	Observations on the Regioselectivity of Glycosylation of Mannose and Glucose: Selective Glycosylation of the Secondary 4-Hydroxyl of 4,6-Diol Acceptors. <i>Synlett</i> , 2007, 2007, 1421-1425.	1.8	3
87	Synthesis of putative chain terminators of mycobacterial arabinan biosynthesis. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2257.	2.8	24
88	Carbohydrate Chain Terminators: Rational Design of Novel Carbohydrate-Based Antifungal Agents. <i>ChemBioChem</i> , 2007, 8, 1241-1245.	2.6	15
89	Synthesis of UDP-GlcNAc derivatives modified at OH-4 as potential chain-terminators of chitin biosynthesis. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1299-1307.	1.8	11
90	Propargyl mediated intramolecular aglycon delivery (IAD): applications to the synthesis of core N-glycan oligosaccharides. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1721-1734.	1.8	24

#	ARTICLE	IF	CITATIONS
91	β -Mannosylation of N-acetyl glucosamine by propargyl mediated intramolecular aglycon delivery (IAD): synthesis of the N-glycan core pentasaccharide. <i>Tetrahedron Letters</i> , 2007, 48, 3061-3064.	1.4	25
92	Voltammetric and Electrochemical ESR Studies of Oxidation Reactions Mediated by Tris(4-bromophenyl)amine in Acetonitrile. <i>Journal of Physical Chemistry B</i> , 2006, 110, 2681-2691.	2.6	15
93	Building Up Key Segments of N-Glycans in the Gas Phase: Intrinsic Structural Preferences of the β (1,3) and β (1,6) Dimannosides. <i>Journal of the American Chemical Society</i> , 2006, 128, 1976-1981.	13.7	38
94	The importance of including local correlation times in the calculation of inter-proton distances from NMR measurements: ignoring local correlation times leads to significant errors in the conformational analysis of the Glc1 β -2Glc1 β linkage by NMR spectroscopy. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2241-2246.	2.8	9
95	Synthesis of the Glc3Man N-glycan tetrasaccharide by iterative allyl IAD. <i>Carbohydrate Research</i> , 2006, 341, 1609-1618.	2.3	23
96	Synthesis of N-glycan oxazolines: donors for endohexosaminidase catalysed glycosylation. <i>Carbohydrate Research</i> , 2006, 341, 1574-1596.	2.3	75
97	Efficient synthesis of carbohydrate thionolactones. <i>Tetrahedron Letters</i> , 2006, 47, 3517-3520.	1.4	7
98	Endohexosaminidase M: Exploring and Exploiting Enzyme Substrate Specificity. <i>ChemBioChem</i> , 2006, 7, 1177-1180.	2.6	64
99	An approach to the synthesis of β -(1-6)-C-disaccharides by tandem Tebbe methylenation and Claisen rearrangement. <i>Tetrahedron</i> , 2005, 61, 7184-7192.	1.9	36
100	Synthesis of C-glycosyl amino acids: scope and limitations of the tandem Tebbe/Claisen approach. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 45-55.	1.8	38
101	Elimination reactions of glycosyl selenoxides. <i>Tetrahedron</i> , 2004, 60, 8411-8419.	1.9	39
102	Allyl protecting group mediated intramolecular aglycon delivery (IAD): synthesis of β -glucofuranosides and β -rhamnopyranosides. <i>Tetrahedron</i> , 2004, 60, 9061-9074.	1.9	38
103	Allyl protecting group mediated intramolecular aglycon delivery: optimisation of mixed acetal formation and mechanistic investigation. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3207-3221.	1.8	34
104	Glyco-SeS: Selenenylsulfide-Mediated Protein Glycoconjugation—A New Strategy in Post-Translational Modification. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 828-833.	13.8	158
105	Intramolecular Aglycon Delivery (IAD): The Solution to 1,2-cis Stereocontrol for Oligosaccharide Synthesis?. <i>ChemInform</i> , 2004, 35, no.	0.0	0
106	Synthesis and Activation of Carbohydrate Donors: Acetimidates, N-Pentenyl and Vinyl Glycosides. <i>ChemInform</i> , 2004, 35, no.	0.0	0
107	Selective electrochemical glycosylation by reactivity tuning. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2195.	2.8	72
108	Stereospecific Synthesis of 1,2-cisGlycosides by Vinyl-Mediated IAD. <i>Organic Letters</i> , 2004, 6, 3797-3800.	4.6	53

#	ARTICLE	IF	CITATIONS
127	Stereospecific Synthesis of 1,2-cisGlycosides by Allyl-Mediated Intramolecular Aglycon Delivery. 2. The Use of Glycosyl Fluorides. <i>Organic Letters</i> , 2001, 3, 2371-2374.	4.6	53
128	N-Iodosuccinimide-mediated intramolecular aglycon delivery. <i>Tetrahedron</i> , 2001, 57, 4221-4230.	1.9	42
129	N-Iodosaccharin: A Potent New Activator of Thiophenylglycosides. <i>Synlett</i> , 2001, 2001, 0797-0799.	1.8	18
130	Stereoselective synthesis of C-glycosides via Tebbe methylenation and Claisen rearrangement. <i>Tetrahedron Letters</i> , 2000, 41, 7589-7593.	1.4	54
131	Fluorescence labelling of carbohydrates with 2-aminobenzamide (2AB). <i>Tetrahedron: Asymmetry</i> , 2000, 11, 4985-4994.	1.8	22
132	Peptide templated glycosylation reactions. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 231-243.	1.8	50
133	Stereoselective cis glycosylation of 2-O-allyl protected glycosyl donors by intramolecular aglycon delivery (IAD). <i>Chemical Communications</i> , 2000, , 1409-1410.	4.1	46
134	Stereoselective Synthesis of $\hat{1}\pm$ -Glucosides and $\hat{1}^2$ -Mannosides: Tethering and Activation with N-Iodosuccinimide. <i>Synlett</i> , 1999, 1999, 1387-1390.	1.8	50
135	Novel ester linked glycosyl amino acids: convenient building blocks for the synthesis of glycopeptide libraries. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 391-401.	1.8	15
136	Peptide templated glycosidic bond formation: a new strategy for oligosaccharide synthesis. <i>Chemical Communications</i> , 1999, , 1037-1038.	4.1	25
137	Synthesis of tetrahydropyrans from sugar lactones. <i>Tetrahedron</i> , 1998, 54, 13591-13620.	1.9	36
138	Synthesis of the acyltetronic acid ionophore tetronasin (ICI M139603). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 2259-2276.	0.9	32
139	Synthesis of the Carbon Skeleton of the Herbicides via a Temporary Silaketal Tether. <i>Synlett</i> , 1996, 1996, 679-681.	1.8	30
140	Synthesis of 5- epi hydantocidin from D-ribose. <i>Tetrahedron</i> , 1995, 51, 3881-3894.	1.9	39
141	Synthesis of a peracetylated stereoisomer of De Rosa's calditol: Some questions about the correctness of the original structure assigned to this natural product. <i>Tetrahedron Letters</i> , 1995, 36, 893-896.	1.4	20
142	Synthesis of the Bicyclic Moiety of the Miharamycins by Samarium (II) Iodide Induced Ring Closure. <i>Synlett</i> , 1995, 1995, 277-279.	1.8	12
143	Samarium(II) iodide promoted ring contraction of carbohydrate derivatives: an expeditious synthesis of functionalised cyclopentanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, .	2.0	33
144	Tetrahydropyran derivatives from $\hat{1}^3$ - and $\hat{1}^4$ -hexonolactones. <i>Tetrahedron Letters</i> , 1994, 35, 3361-3364.	1.4	16

#	ARTICLE	IF	CITATIONS
145	Aldol equilibrations of unprotected trihydroxybicyclic lactones: Enantiomeric tetrahydroxy- $\hat{1}\pm$ -aminocyclopentane carboxylic acids from epimeric bicyclic lactones. <i>Tetrahedron Letters</i> , 1994, 35, 8895-8898.	1.4	17
146	Polyhydroxylated cyclohexane and cyclopentane $\hat{1}\pm$ -amino acids from cyclisations of an azidolactone. <i>Tetrahedron Letters</i> , 1994, 35, 8891-8894.	1.4	21
147	Highly substituted cis- $\hat{1}^2$ -cyclopentane amino acids: An approach to the synthesis of trehazolin analogues. <i>Tetrahedron Letters</i> , 1993, 34, 7949-7952.	1.4	21
148	Synthesis of cyclopentane spirohydantoin by aldol cyclisations: An approach to highly substituted $\hat{1}\pm$ -cyclopentane amino acids. <i>Tetrahedron Letters</i> , 1993, 34, 7953-7956.	1.4	16
149	Anomeric spirohydantoin of mannofuranose: Approaches to novel anomeric amino acids by an oxidative ring contraction. <i>Tetrahedron Letters</i> , 1993, 34, 6119-6122.	1.4	46
150	Synthesis of 1-epihydantocidin from d-ribose. <i>Tetrahedron Letters</i> , 1993, 34, 3327-3330.	1.4	43
151	The structural basis of the inhibition of human $\hat{1}\pm$ -mannosidases by azafuranose analogues of mannose. <i>Biochemical Journal</i> , 1993, 290, 743-749.	3.7	91
152	Inhibition of $\hat{1}\pm$ -mannosidases by seven carbon sugars: Synthesis of some seven carbon analogues of mannofuranose. <i>Tetrahedron</i> , 1992, 48, 10177-10190.	1.9	47
153	Synthesis of, and lack of inhibition of a rhamnosidase by, both enantiomers of deoxyrhamnojirimycin and rhamnolactam: $\hat{1}^2$ -mannosidase inhibition by $\hat{1}'$ -lactams. <i>Tetrahedron</i> , 1992, 48, 3365-3376.	1.9	55
154	The ring contraction of $\hat{1}'$ -lactones with leaving group $\hat{1}\pm$ -substituents: a strategy for the synthesis of 2,5-disubstituted highly functionalised homochiral tetrahydrofurans. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1605-1607.	2.0	34
155	Alexines from heptonolactones. <i>Tetrahedron Letters</i> , 1991, 32, 5517-5520.	1.4	51
156	Synthesis from a heptonolactone and effect on glycosidases of (1S,2R,6R,7S)-1,2,6,7-tetrahydroxypyrrolizidine. <i>Tetrahedron</i> , 1991, 47, 131-138.	1.9	29
157	Acetonides of heptonolactones: Powerful chirons. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 883-900.	1.8	33
158	Acetonides of $\hat{1}\pm$ -hydroxy- $\hat{1}'$ -altronolactones. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 901-912.	1.8	20