

Matthieu Sollogoub

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7420335/publications.pdf>

Version: 2024-02-01

149
papers

4,257
citations

81839

39
h-index

161767

54
g-index

184
all docs

184
docs citations

184
times ranked

3620
citing authors

#	ARTICLE	IF	CITATIONS
1	Cavity-Controlled Coordination of Square Planar Metal Complexes and Substrate Selectivity by NHC-Capped Cyclodextrins (ICyDs). <i>ChemCatChem</i> , 2022, 14, .	1.8	6
2	Highlighting the DCO-SCF 2020 Award Winners – A Valuable Collaboration with EurJOC. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	0
3	Size-dependent compression of threaded alkyldiphosphate in head to head cyclodextrin [3]pseudorotaxanes. <i>Chemical Science</i> , 2022, 13, 2218-2225.	3.7	9
4	Janus-type homo-, hetero- and mixed valence-bimetallic complexes with one metal encapsulated in a cyclodextrin. <i>Chemical Communications</i> , 2022, 58, 4516-4519.	2.2	1
5	Controlled Decoration of [60]Fullerene with Polymannan Analogues and Amino Acid Derivatives through Malondiamide-Based Linkers. <i>Molecules</i> , 2022, 27, 2776.	1.7	4
6	Programmed Synthesis of Hepta-Differentiated β -Cyclodextrin: 1 out of 117655 Arrangements. <i>Angewandte Chemie</i> , 2021, 133, 12197-12203.	1.6	2
7	Programmed Synthesis of Hepta-Differentiated β -Cyclodextrin: 1 out of 117655 Arrangements. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12090-12096.	7.2	21
8	Mapping C ^H ⋯H ^A ⋯M Interactions in Confined Spaces: (β -ICyD ^{Me})Au, Ag, Cu Complexes Reveal π -Contraelectrostatic H Bonds Masquerading as Anagostic Interactions**. <i>Chemistry - A European Journal</i> , 2021, 27, 8127-8142.	1.7	18
9	Iminosugar C-Glycosides Work as Pharmacological Chaperones of NAGLU, a Glycosidase Involved in MPS IIIB Rare Disease**. <i>Chemistry - A European Journal</i> , 2021, 27, 11291-11297.	1.7	4
10	Precise Rate Control of Pseudorotaxane Dethreading by pH-Responsive Selectively Functionalized Cyclodextrins. <i>Organic Letters</i> , 2021, 23, 7938-7942.	2.4	8
11	Chemoenzymatic synthesis of arabinomannan (AM) glycoconjugates as potential vaccines for tuberculosis. <i>European Journal of Medicinal Chemistry</i> , 2020, 204, 112578.	2.6	14
12	Permethylated NHC-Capped α - and β -Cyclodextrins (ICyD ^{Me}) Regioselective and Enantioselective Gold-Catalysis in Pure Water. <i>Chemistry - A European Journal</i> , 2020, 26, 15901-15909.	1.7	32
13	Fluorinated carbohydrates as chemical probes for molecular recognition studies. Current status and perspectives. <i>Chemical Society Reviews</i> , 2020, 49, 3863-3888.	18.7	77
14	Synthesis, Conformational Analysis, and Complexation Study of an Iminosugar-Aza-Crown, a Sweet Chiral Cyclam Analog. <i>Organic Letters</i> , 2020, 22, 2344-2349.	2.4	10
15	A Concise Synthesis of Oligosaccharides Derived From Lipoarabinomannan (LAM) with Glycosyl Donors Having a Nonparticipating Group at C2. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2033-2044.	1.2	6
16	Capturing the Monomeric (L)Cu ^H in NHC-Capped Cyclodextrin: Cavity-Controlled Chemoselective Hydrosilylation of α , β -Unsaturated Ketones. <i>Angewandte Chemie</i> , 2020, 132, 7661-7667.	1.6	13
17	Capturing the Monomeric (L)Cu ^H in NHC-Capped Cyclodextrin: Cavity-Controlled Chemoselective Hydrosilylation of α , β -Unsaturated Ketones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7591-7597.	7.2	44
18	Design, synthesis and biological evaluation of new ganglioside GM3 analogues as potential agents for cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2020, 189, 112065.	2.6	5

#	ARTICLE	IF	CITATIONS
19	β -Cyclodextrin@NHC@Gold(I) Complex (β -ICyD)AuCl: A Chiral Nanoreactor for Enantioselective and Substrate-Selective Alkoxy cyclization Reactions. ACS Catalysis, 2020, 10, 5964-5972.	5.5	39
20	An Epoxide Intermediate in Glycosidase Catalysis. ACS Central Science, 2020, 6, 760-770.	5.3	34
21	Novel Vaccine Candidates against Tuberculosis. Current Medicinal Chemistry, 2020, 27, 5095-5118.	1.2	6
22	Functional Role of Glycosphingolipids in Cancer. Current Medicinal Chemistry, 2020, 27, 3913-3924.	1.2	5
23	Functionalized Cyclodextrins and Their Applications in Biodelivery. , 2020, , 385-423.		2
24	Functionalized Cyclodextrins and Their Applications in Biodelivery. , 2019, , 1-39.		1
25	Orchestrating Communications in a Three-Type Chirality Totem: Remote Control of the Chiroptical Response of a M _A T _B Aromatic System. Journal of the American Chemical Society, 2019, 141, 11583-11593.	6.6	21
26	Chemoenzymatic Synthesis of Glycoconjugates Mediated by Regioselective Enzymatic Hydrolysis of Acetylated 2-Amino Pyranose Derivatives. European Journal of Organic Chemistry, 2019, 2019, 3622-3631.	1.2	4
27	Bi(OTf) ₃ -mediated intramolecular epoxide opening for bicyclic azepane synthesis. Journal of Carbohydrate Chemistry, 2019, 38, 139-149.	0.4	2
28	Carbaboration of Alkynes with Cyclodextrin@Encapsulated <i>N</i> -Heterocyclic Carbene Copper Complexes. European Journal of Organic Chemistry, 2019, 2019, 2682-2687.	1.2	20
29	Chemoenzymatically synthesized ganglioside GM3 analogues with inhibitory effects on tumor cell growth and migration. European Journal of Medicinal Chemistry, 2019, 165, 107-114.	2.6	7
30	Ganglioside GM3 and Its Role in Cancer. Current Medicinal Chemistry, 2019, 26, 2933-2947.	1.2	46
31	Confinement of Metal@N-Heterocyclic Carbene Complexes to Control Reactivity in Catalytic Reactions. Chemistry - A European Journal, 2018, 24, 12464-12473.	1.7	50
32	Chemoenzymatically synthesized GM3 analogues as potential therapeutic agents to recover nervous functionality after injury by inducing neurite outgrowth. European Journal of Medicinal Chemistry, 2018, 146, 613-620.	2.6	11
33	Cyclodextrin@Sandwiched Hexaphyrin Hybrids: Side@to@Side Cavity Coupling Switched by a Temperature@ and Redox@Responsive Central Device. Chemistry - A European Journal, 2018, 24, 5804-5812.	1.7	10
34	Bridging β -Cyclodextrin Prevents Self-Inclusion, Promotes Supramolecular Polymerization, and Promotes Cooperative Interaction with Nucleic Acids. Angewandte Chemie - International Edition, 2018, 57, 7753-7758.	7.2	46
35	Design, synthesis and biological evaluation of water-soluble per-O-methylated cyclodextrin-C60 conjugates as anti-influenza virus agents. European Journal of Medicinal Chemistry, 2018, 146, 194-205.	2.6	20
36	Targeting the Pentose Phosphate Pathway: Characterization of a New 6PGL Inhibitor. Biophysical Journal, 2018, 115, 2114-2126.	0.2	6

#	ARTICLE	IF	CITATIONS
37	From 1,4-Disaccharide to 1,3-Glycosyl Carbasugar: Synthesis of a Bespoke Inhibitor of Family GH99 Endo- α -mannosidase. <i>Organic Letters</i> , 2018, 20, 7488-7492.	2.4	11
38	Frontispiece: Confinement of Metal-N-Heterocyclic Carbene Complexes to Control Reactivity in Catalytic Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
39	Bridging β -Cyclodextrin Prevents Self-Inclusion, Promotes Supramolecular Polymerization, and Promotes Cooperative Interaction with Nucleic Acids. <i>Angewandte Chemie</i> , 2018, 130, 7879-7884.	1.6	11
40	Mechanostereoselective One-Pot Synthesis of Functionalized Head-to-Head Cyclodextrin [3]Rotaxanes and Their Application as Magnetic Resonance Imaging Contrast Agents. <i>Organic Letters</i> , 2017, 19, 1136-1139.	2.4	37
41	Design, synthesis and biological evaluation of gentiopicroside derivatives as potential antiviral inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 130, 308-319.	2.6	22
42	Secondary-Rim β -Cyclodextrin Functionalization to Conjugate with C ₆₀ : Improved Efficacy as a Photosensitizer. <i>Chemistry - A European Journal</i> , 2017, 23, 9462-9466.	1.7	16
43	Liposomes for PET and MR Imaging and for Dual Targeting (Magnetic Field/Glucose Moiety): Synthesis, Properties, and <i>in Vivo</i> Studies. <i>Molecular Pharmaceutics</i> , 2017, 14, 406-414.	2.3	34
44	Contribution of Shape and Charge to the Inhibition of a Family GH99 <i>endo</i> - α -1,2-Mannanase. <i>Journal of the American Chemical Society</i> , 2017, 139, 1089-1097.	6.6	17
45	Cyclodextrin Cavity-Induced Mechanistic Switch in Copper-Catalyzed Hydroboration. <i>Angewandte Chemie</i> , 2017, 129, 10961-10965.	1.6	34
46	Cyclodextrin Cavity-Induced Mechanistic Switch in Copper-Catalyzed Hydroboration. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10821-10825.	7.2	69
47	Artificial Chiral Metallo-pockets Including a Single Metal Serving as Structural Probe and Catalytic Center. <i>CheM</i> , 2017, 3, 174-191.	5.8	62
48	Hexaphyrin-Cyclodextrin Hybrids: A Nest for Switchable Aromaticity, Asymmetric Confinement, and Isomorphous Fluxionality. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 297-301.	7.2	26
49	Chemical Sensors Based on New Polyamides Biobased on (Z) Octadeca-9-enedioic Acid and β -Cyclodextrin. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1620-1628.	1.1	18
50	Protonated hexaphyrin-cyclodextrin hybrids: molecular recognition tuned by a kinetic-to-thermodynamic topological adaptation. <i>Chemical Communications</i> , 2016, 52, 9347-9350.	2.2	11
51	Biological applications of hydrophilic C60 derivatives (hC60s) a structural perspective. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 438-452.	2.6	29
52	Research Progress of Natural Product Gentiopicroside - a Secoiridoid Compound. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 17, 62-77.	1.1	24
53	Conformational Plasticity in Glycomimetics: Fluorocarbamethyl-L-dopyranosides Mimic the Intrinsic Dynamic Behaviour of Natural Idose Rings. <i>Chemistry - A European Journal</i> , 2015, 21, 10513-10521.	1.7	16
54	β -Aminoalcohol rearrangement applied to pentahydroxylated azepanes provides pyrrolidines epimeric to homoDMDP. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3446-3456.	1.5	5

#	ARTICLE	IF	CITATIONS
55	Synthesis of pyrrolidine-based analogues of 2-acetamidoglucosaminidase inhibitors. Carbohydrate Research, 2015, 409, 56-62.	1.1	7
56	Synthesis and characterization of four novel 2-(trimethylsilyl)ethyl glycosides. Research on Chemical Intermediates, 2015, 41, 1107-1113.	1.3	0
57	Efficient synthesis of chloro-derivatives of sialyllactosylceramide, and their enhanced inhibitory effect on epidermal growth factor receptor activation. Oncology Letters, 2014, 7, 933-940.	0.8	7
58	Cyclodextrin Polyrotaxanes as a Highly Modular Platform for the Development of Imaging Agents. Chemistry - A European Journal, 2014, 20, 10915-10920.	1.7	39
59	Synthesis and NMR elucidation of four novel 2-(trimethylsilyl)ethyl glycosides. Research on Chemical Intermediates, 2014, 40, 1557-1564.	1.3	1
60	Beta cyclodextrins bind, stabilize, and remove lipofuscin bisretinoids from retinal pigment epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1402-8.	3.3	52
61	Solid-State Hierarchical Cyclodextrin-Based Supramolecular Polymer Constructed by Primary, Secondary, and Tertiary Azido Interactions. Angewandte Chemie - International Edition, 2014, 53, 7238-7242.	7.2	19
62	Total synthesis of a sialyl Lewis x derivative for the diagnosis of cancer. Carbohydrate Research, 2014, 383, 89-96.	1.1	10
63	Synthesis of 1,2-cis-Homoiminosugars Derived from GlcNAc and GalNAc Exploiting a β^2 -Amino Alcohol Skeletal Rearrangement. Organic Letters, 2014, 16, 5512-5515.	2.4	29
64	Synthesis of 1,2-trans-2-Acetamido-2-deoxyhomoiminosugars. Organic Letters, 2014, 16, 5516-5519.	2.4	21
65	Cyclodextrin-adamantane conjugates, self-inclusion and aggregation versus supramolecular polymer formation. Organic Chemistry Frontiers, 2014, 1, 703-706.	2.3	22
66	Site-selective hexa-hetero-functionalization of β -cyclodextrin an archetypical C ₆ -symmetric concave cycle. Nature Communications, 2014, 5, 5354.	5.8	51
67	<i>cis</i> -Difluorocarbasaccharides: Restoring the <i>exo</i> -Anomeric Effect. Angewandte Chemie - International Edition, 2014, 53, 9597-9602.	7.2	36
68	Non-specific accumulation of glycosphingolipids in GNE myopathy. Journal of Inherited Metabolic Disease, 2014, 37, 297-308.	1.7	11
69	Synthesis and cytotoxicity assay of four ganglioside GM3 analogues. European Journal of Medicinal Chemistry, 2014, 75, 247-257.	2.6	7
70	Fluoro-C-glycosides and fluoro-carbasugars, hydrolytically stable and synthetically challenging glycomimetics. Chemical Society Reviews, 2013, 42, 4270-4283.	18.7	93
71	Efficient Access to Peptidyl-RNA Conjugates for Picomolar Inhibition of Non-ribosomal FemX _{Wv} Aminoacyl Transferase. Chemistry - A European Journal, 2013, 19, 1357-1363.	1.7	22
72	An α -Against the Rules-Double Bank Shot with Diisobutylaluminum Hydride To Allow Triple Functionalization of β -Cyclodextrin. Angewandte Chemie - International Edition, 2013, 52, 639-644.	7.2	25

#	ARTICLE	IF	CITATIONS
73	Novel imino sugar β -glucosidase inhibitors as antiviral compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4831-4838.	1.4	39
74	NHC-Capped Cyclodextrins (ICyDs): Insulated Metal Complexes, Commutable Multicoordination Sphere, and Cavity-Dependent Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7213-7218.	7.2	128
75	Site-Selective Heterofunctionalization of Cyclodextrins: Discovery, Development, and Use in Catalysis. <i>Synlett</i> , 2013, 24, 2629-2640.	1.0	36
76	Diametrically Opposed Carbenes on an α -Cyclodextrin: Synthesis, Characterization of Organometallic Complexes and Suzuki-Miyaura Coupling in Ethanol and in Water. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3691-3699.	1.2	40
77	Kinetic Analysis of <i>Enterococcus faecium</i> α -Nuclease, α -Transpeptidase Inactivation by Carbapenems. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3409-3412.	1.4	25
78	Conjugation of cyclodextrin with fullerene as a new class of HCV entry inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5616-5622.	1.4	27
79	Synthesis and conformational analysis of bicyclic mimics of α - and β -D-glucopyranosides adopting the biologically relevant ² S ₁ conformation. <i>Carbohydrate Research</i> , 2012, 361, 219-224.	1.1	4
80	Conformational analysis of seven-membered 1-N-iminosugars by NMR and molecular modelling. <i>New Journal of Chemistry</i> , 2012, 36, 1008.	1.4	10
81	Synthesis of branched seven-membered 1-N-iminosugars and their evaluation as glycosidase inhibitors. <i>Carbohydrate Research</i> , 2012, 356, 110-114.	1.1	12
82	Cyclodextrins selectively modified on both rims using an O-3-debenzylative post-functionalisation, a consequence of the Sorrento meeting. <i>Carbohydrate Research</i> , 2012, 356, 278-281.	1.1	14
83	Towards a stable neomycin analog with a D-manno configuration: Synthesis and glycosidase inhibition of D-manno-like tri- and tetrahydroxylated azepanes. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 641-649.	1.4	19
84	Innenrücktitelbild: Cyclodextrin-Induced Auto-Healing of Hybrid Polyoxometalates (<i>Angew. Chem.</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	1.6	0
85	Cyclodextrin-Induced Auto-Healing of Hybrid Polyoxometalates. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 487-490.	7.2	54
86	Inside Back Cover: Cyclodextrin-Induced Auto-Healing of Hybrid Polyoxometalates (<i>Angew. Chem. Int.</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	7.2	0
87	An N-heterocyclic carbene ligand based on a β -cyclodextrin-imidazolium salt: synthesis, characterization of organometallic complexes and Suzuki coupling. <i>New Journal of Chemistry</i> , 2011, 35, 2061.	1.4	53
88	Cavitand supported tetraphosphine: cyclodextrin offers a useful platform for Suzuki-Miyaura cross-coupling. <i>Chemical Communications</i> , 2011, 47, 9206.	2.2	57
89	Selection of the biological activity of DNJ neoglycoconjugates through click length variation of the side chain. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5373.	1.5	42
90	Facile preparation of two tetrols from permethylated α -cyclodextrin and unambiguous NMR analysis. <i>Tetrahedron Letters</i> , 2011, 52, 5273-5276.	0.7	8

#	ARTICLE	IF	CITATIONS
91	Regio- and Stereocontrolled Synthesis of 2-Deoxy Lewis X Pentasaccharide. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7133-7139.	1.2	6
92	Direct Experimental Evidence for the High Chemical Reactivity of 2,5- and 2,6-Xylopyranosides Adopting a <i>B</i> Conformation in Glycosyl Transfer. <i>Chemistry - A European Journal</i> , 2011, 17, 7345-7356.	1.7	14
93	Chimie et biochimie des hydrates de carbone. <i>Comptes Rendus Chimie</i> , 2011, 14, 1-2.	0.2	0
94	Synthesis, Conformational Analysis, and Evaluation as Glycosidase Inhibitors of Two Ether-Bridged Iminosugars. <i>Journal of Carbohydrate Chemistry</i> , 2011, 30, 641-654.	0.4	14
95	Synthesis and Electrochemical Study of an Original Copper(II)-Capped Salen-Cyclodextrin Complex. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4720-4727.	1.0	21
96	Diisobutylaluminium Hydride (DIBAL-H) Promoted Secondary Rim Regioselective Demethylations of Permethylated β -Cyclodextrin: A Mechanistic Proposal. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1510-1516.	1.2	41
97	Photosensitive Surfactants with Various Hydrophobic Tail Lengths for the Photocontrol of Genomic DNA Conformation with Improved Efficiency. <i>Chemistry - A European Journal</i> , 2010, 16, 11890-11896.	1.7	88
98	Can Hetero-Substituted Cyclodextrins be Considered as Inherently Chiral Concave Molecules?. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2314-2318.	7.2	42
99	β -Waves avoid large excesses of diisobutylaluminium-hydride (DIBAL-H) in the debenzylation of perbenzylated β -cyclodextrin. <i>Tetrahedron Letters</i> , 2010, 51, 1254-1256.	0.7	19
100	Duplex of capped-cyclodextrins, synthesis and cross-linking behaviour with a biopolymer. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3437.	1.5	11
101	Analysis of the Reaction Coordinate of α -Fucosidases: A Combined Structural and Quantum Mechanical Approach. <i>Journal of the American Chemical Society</i> , 2010, 132, 1804-1806.	6.6	63
102	Cyclodextrin tetraplexes: first syntheses and potential as cross-linking agent. <i>Chemical Communications</i> , 2010, 46, 2238.	2.2	20
103	Total Synthesis of the Epimer at C-6 of the Miharamycin B Framework. <i>Synlett</i> , 2009, 2009, 1269-1272.	1.0	2
104	Cap-Assisted Synthesis of Hetero-Substituted Cyclodextrins, from Flamingo Cap to Bascule Bridge. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1295-1303.	1.2	43
105	Design and synthesis of acetamido tri- and tetra-hydroxyazepanes: Potent and selective β -N-acetylhexosaminidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5598-5604.	1.4	44
106	Molecular Basis for Inhibition of GH84 Glycoside Hydrolases by Substituted Azepanes: Conformational Flexibility Enables Probing of Substrate Distortion. <i>Journal of the American Chemical Society</i> , 2009, 131, 5390-5392.	6.6	62
107	Photocontrol of Single-Chain DNA Conformation in Cell-Mimicking Microcompartments. <i>ChemBioChem</i> , 2008, 9, 1201-1206.	1.3	51
108	Regiospecific Tandem Azide-Reduction/Deprotection To Afford Versatile Amino Alcohol-Functionalized α - and β -Cyclodextrins. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7060-7063.	7.2	57

#	ARTICLE	IF	CITATIONS
109	First synthesis of 5-fluoro-(+)-MK7607, its 1-epimer and 6-deoxy derivative. <i>Tetrahedron Letters</i> , 2008, 49, 5548-5550.	0.7	10
110	Hemicarbasucrose: Turning off the Exoanomeric Effect Induces Less Flexibility. <i>Chemistry - an Asian Journal</i> , 2008, 3, 51-58.	1.7	12
111	Multiple Homo- and Hetero-functionalizations of β -Cyclodextrin through Oriented Deprotections. <i>Journal of Organic Chemistry</i> , 2008, 73, 2819-2828.	1.7	67
112	Phenylenediamine catalysis of <i>click</i> glycosylations in water: practical and direct access to unprotected neoglycoconjugates. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1898.	1.5	45
113	A Hydrophilic Cyclodextrin Duplex Forming Supramolecular Assemblies by Physical Cross-Linking of a Biopolymer. <i>Chemistry - A European Journal</i> , 2007, 13, 8847-8857.	1.7	35
114	Chemical Clockwise Tridifferentiation of α - and β -Cyclodextrins: Bascule-Bridge or Deoxy-Sugars Strategies. <i>Chemistry - A European Journal</i> , 2007, 13, 9757-9774.	1.7	54
115	Amphiphilic bipolar duplex β -cyclodextrin forming vesicles. <i>Tetrahedron</i> , 2007, 63, 2973-2977.	1.0	19
116	Conformational behaviour of glycomimetics: NMR and molecular modelling studies of the C-glycoside analogue of the disaccharide methyl β -D-galactopyranosyl-(1 \rightarrow 3)- β -D-glucopyranoside. <i>Carbohydrate Research</i> , 2007, 342, 1910-1917.	1.1	18
117	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.	1.1	23
118	gem-Difluoro-carbasugars, the cases of mannopyranose and galactopyranose. <i>Carbohydrate Research</i> , 2007, 342, 1689-1703.	1.1	24
119	Sequential ring closing/opening metathesis for the highly selective synthesis of a triply bifunctionalized β -cyclodextrin. <i>Chemical Communications</i> , 2006, , 1112-1114.	2.2	35
120	Pd-catalysed Capping Removal on a Tri-differentiated β -Cyclodextrin. <i>Chemistry Letters</i> , 2006, 35, 534-535.	0.7	23
121	Alkylalanes and methyl furanosides: regioselective O-debenzylation or acetal cleavage. <i>Carbohydrate Research</i> , 2006, 341, 2135-2144.	1.1	14
122	Expeditious selective synthesis of primary rim tri-differentiated β -cyclodextrin. <i>Tetrahedron Letters</i> , 2006, 47, 4137-4139.	0.7	33
123	Diisobutylaluminium hydride (DIBAL-H) is promoting a selective clockwise debenylation of perbenzylated 6A,6D-dideoxy- β -cyclodextrin. <i>Tetrahedron Letters</i> , 2005, 46, 7757-7760.	0.7	47
124	Triisobutylaluminium (TIBAL) Promoted Rearrangement of C-glycosides. <i>Molecules</i> , 2005, 10, 843-858.	1.7	6
125	From Sugars to Carba-Sugars. , 2005, , .		0
126	Trimethylaluminium promoted rearrangements of unsaturated sugars into cyclohexanes. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 699-703.	1.8	18

#	ARTICLE	IF	CITATIONS
127	Synthesis of gem-Difluorocarbonyl-D-glucose: A Step Further in Sugar Mimesis. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6680-6683.	7.2	48
128	The First Chemical Synthesis of a Cyclodextrin Heteroduplex. <i>Chemistry and Biodiversity</i> , 2004, 1, 129-137.	1.0	21
129	Trimethylaluminum-Promoted Rearrangements of Unsaturated Sugars into Cyclohexanes.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
130	The First Synthesis of Substituted Azepanes Mimicking Monosaccharides: A New Class of Potent Glycosidase Inhibitors.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
131	Triisobutylaluminum and Diisobutylaluminum Hydride as Molecular Scalpels: The Regioselective Stripping of Perbenzylated Sugars and Cyclodextrins. <i>Chemistry - A European Journal</i> , 2004, 10, 2960-2971.	1.7	165
132	Diisobutylaluminum hydride (DIBAL-H) as a molecular scalpel: a new mechanistic proposal for a spiroketal rearrangement. <i>Tetrahedron Letters</i> , 2004, 45, 8165-8168.	0.7	6
133	The first synthesis of substituted azepanes mimicking monosaccharides: a new class of potent glycosidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1492-1499.	1.5	90
134	Synthesis of Methoxy-Substituted Exocyclic (E)- and (Z)-Unsaturated Methyl Pyranosides and a Study of Their Reactivity towards Lewis Acids. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 2678-2683.	1.2	7
135	High throughput measurement of duplex, triplex and quadruplex melting curves using molecular beacons and a LightCycler. <i>Nucleic Acids Research</i> , 2002, 30, 39e-39.	6.5	148
136	Stable DNA Triple Helix Formation Using Oligonucleotides Containing 2'-Aminoethoxy,5-propargylamino-Uridine. <i>Biochemistry</i> , 2002, 41, 7224-7231.	1.2	47
137	Cycloheptanic sugar mimetics, bridging the gap in the homologous series of carbocyclic analogues. <i>Tetrahedron</i> , 2002, 58, 10189-10196.	1.0	33
138	First synthesis of 1-deazacytidine, the C-nucleoside analogue of cytidine. <i>Tetrahedron Letters</i> , 2002, 43, 3121-3123.	0.7	35
139	Carbocyclic Ring Closure of Unsaturated S-, Se-, and C-Aryl Glycosides. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 362-364.	7.2	55
140	From Glucose to Cyclooctanic Carbaglucose: A New Class of Carbohydrate Mimetics. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2466-2467.	7.2	62
141	Synthesis of carba- β -D- and L-idopyranosides by rearrangement of unsaturated sugars. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 283-294.	1.8	42
142	Synthesis of a novel bis-amino-modified thymidine monomer for use in DNA triplex stabilisation. <i>Chemical Communications</i> , 2000, , 2315-2316.	2.2	14
143	Triisobutylaluminum promoted reductive rearrangement of substituted vinyl ethers to homologous alcohols. <i>Chemical Communications</i> , 2000, , 1507-1508.	2.2	17
144	Regioselective debenzoylation of sugars using triisobutylaluminum. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 1999, 2, 441-448.	0.1	12

#	ARTICLE	IF	CITATIONS
145	Direct Synthesis of Pseudo-Disaccharides by Rearrangement of Unsaturated Disaccharides. European Journal of Organic Chemistry, 1999, 1999, 2103-2117.	1.2	34
146	Direct Synthesis of Pseudo-Disaccharides by Rearrangement of Unsaturated Disaccharides. European Journal of Organic Chemistry, 1999, 1999, 2103-2117.	1.2	3
147	Titanium (IV) promoted rearrangement of 6-deoxy-hex-5-enopyranosides into cyclohexanones. Tetrahedron Letters, 1998, 39, 3471-3472.	0.7	46
148	Samarium(II) iodide promoted ring contraction of carbohydrate derivatives: an expeditious synthesis of functionalised cyclopentanes. Journal of the Chemical Society Chemical Communications, 1995, .	2.0	33
149	Carbohydrate-carbohydrate interaction: from hypothesis to confirmation. Carbohydrate Chemistry, 0, , 238-254.	0.3	3