Matthieu Sollogoub

List of Publications by Year
in descending order

151	4,257	81900	161849
papers	citations	39 h-index	54 g-index

184	184	184	3620
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cavityâ€Controlled Coordination of Square Planar Metal Complexes and Substrate Selectivity by NHCâ€Capped Cyclodextrins (ICyDs). ChemCatChem, 2022, 14, .	3.7	6
2	Highlighting the DCOâ€SCF 2020 Award Winners â€“ A Valuable Collaboration with EurJOC. European Journal of Organic Chemistry, 2022, 2022, .	2.4	0
3	Size-dependent compression of threaded alkyldiphosphate in head to head cyclodextrin [3]pseudorotaxanes. Chemical Science, 2022, 13, 2218-2225.	7.4	9
4	Janus-type homo-, hetero- and mixed valence-bimetallic complexes with one metal encapsulated in a cyclodextrin. Chemical Communications, 2022, 58, 4516-4519.	4.1	1
5	Controlled Decoration of [60]Fullerene with Polymannan Analogues and Amino Acid Derivatives through Malondiamide-Based Linkers. Molecules, 2022, 27, 2776.	3.8	4
6	Programmed Synthesis of Heptaâ€Differentiated Î²â€Cyclodextrin: 1 out of 117655 Arrangements. Angewandte Chemie, 2021, 133, 12197-12203.	2.0	2
7	Programmed Synthesis of Heptaâ€Differentiated Î²â€Cyclodextrin: 1 out of 117655 Arrangements. Angewandte Chemie - International Edition, 2021, 60, 12090-12096.	13.8	21
8	Mapping Câ‹¯Hâ‹…â‹…â‹…M Interactions in Confined Spaces: (Î±â€ICyD^{Me})Au, Ag, Cu Complexes Reveal â€œContraâ€electrostatic H Bondsâ€•Masquerading as Anagostic Interactions**. Chemistry - A European Journal, 2021, 27, 8127-8142.	3.3	18
9	Iminosugar C â€Glycosides Work as Pharmacological Chaperones of NAGLU, a Glycosidase Involved in MPS IIIB Rare Disease**. Chemistry - A European Journal, 2021, 27, 11291-11297.	3.3	4
10	Precise Rate Control of Pseudorotaxane Dethreading by pH-Responsive Selectively Functionalized Cyclodextrins. Organic Letters, 2021, 23, 7938-7942.	4.6	8
11	Chemoenzymatic synthesis of arabinomannan (AM) glycoconjugates as potential vaccines for tuberculosis. European Journal of Medicinal Chemistry, 2020, 204, 112578.	5.5	14
12	Permethylated NHCâ€Capped Î±â€•and Î²â€Cyclodextrins (ICyD^{Me}) Regioselective and Enantioselective Goldâ€Catalysis in Pure Water. Chemistry - A European Journal, 2020, 26, 15901-15909.	3.3	32
13	Fluorinated carbohydrates as chemical probes for molecular recognition studies. Current status and perspectives. Chemical Society Reviews, 2020, 49, 3863-3888.	38.1	77
14	Synthesis, Conformational Analysis, and Complexation Study of an Iminosugar-Aza-Crown, a Sweet Chiral Cyclam Analog. Organic Letters, 2020, 22, 2344-2349.	4.6	10
15	A Concise Synthesis of Oligosaccharides Derived From Lipoarabinomannan (LAM) with Glycosyl Donors Having a Nonparticipating Group at C2. European Journal of Organic Chemistry, 2020, 2020, 2033-2044.	2.4	6
16	Capturing the Monomeric (L)CuH in NHCâ€Capped Cyclodextrin: Cavityâ€Controlled Chemoselective Hydrosilylation of Î±,Î²â€Unsaturated Ketones. Angewandte Chemie, 2020, 132, 7661-7667.	2.0	13
17	Capturing the Monomeric (L)CuH in NHCâ€Capped Cyclodextrin: Cavityâ€Controlled Chemoselective Hydrosilylation of Î±,Î²â€Unsaturated Ketones. Angewandte Chemie - International Edition, 2020, 59, 7591-7597.	13.8	44
18	Design, synthesis and biological evaluation of new ganglioside GM3 analogues as potential agents for cancer therapy. European Journal of Medicinal Chemistry, 2020, 189, 112065.	5.5	5

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19	Î²-Cyclodextrinâ€“NHCâ€“Gold(I) Complex (Î²-ICyD)AuCl: A Chiral Nanoreactor for Enantioselective and Substrate-Selective Alkoxycyclization Reactions. ACS Catalysis, 2020, 10, 5964-5972.	11.2	39
20	An Epoxide Intermediate in Glycosidase Catalysis. ACS Central Science, 2020, 6, 760-770.	11.3	34
21	Novel Vaccine Candidates against Tuberculosis. Current Medicinal Chemistry, 2020, 27, 5095-5118.	2.4	6
22	Functional Role of Glycosphingolipids in Cancer. Current Medicinal Chemistry, 2020, 27, 3913-3924.	2.4	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 MÃ¶bius Aromatic System. Journal of the American Chemical Society, 2019, 141, 11583-11593.	13.7	21
26	Chemoenzymatic Synthesis of Glycoconjugates Mediated by Regioselective Enzymatic Hydrolysis of Acetylated 2â€Amino Pyranose Derivatives. European Journal of Organic Chemistry, 2019, 2019, 3622-3631.	2.4	4
27	Bi(OTf)3-mediated intramolecular epoxide opening for bicyclic azepane synthesis. Journal of Carbohydrate Chemistry, 2019, 38, 139-149.	1.1	2
28	Carboboration of Alkynes with Cyclodextrinâ€Encapsulated Nâ€Heterocyclic Carbene Copper Complexes. European Journal of Organic Chemistry, 2019, 2019, 2682-2687.	2.4	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.	5.5	7
30	Matthieu Sollogoub. Angewandte Chemie, 2019, 131, 1892-1893.	2.0	0
31	Matthieu Sollogoub. Angewandte Chemie - International Edition, 2019, 58, 1876-1877.	13.8	0
32	Ganglioside GM3 and Its Role in Cancer. Current Medicinal Chemistry, 2019, 26, 2933-2947.	2.4	46
33	Confinement of Metalâ€“Nâ€Heterocyclic Carbene Complexes to Control Reactivity in Catalytic Reactions. Chemistry - A European Journal, 2018, 24, 12464-12473.	3.3	50
34	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.	5.5	11
35	Cyclodextrinâ€Sandwiched Hexaphyrin Hybrids: Sideâ€toâ€Side Cavity Coupling Switched by a Temperatureâ€ and Redoxâ€Responsive Central Device. Chemistry - A European Journal, 2018, 24, 5804-5812.	3.3	10
36	Bridging Î²â€Cyclodextrin Prevents Selfâ€Inclusion, Promotes Supramolecular Polymerization, and Promotes Cooperative Interaction with Nucleic Acids. Angewandte Chemie - International Edition, 2018, 57, 7753-7758.	13.8	46

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37	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.	5.5	20
38	Targeting the Pentose Phosphate Pathway: Characterization of a New 6PGL Inhibitor. Biophysical Journal, 2018, 115, 2114-2126.	0.5	6
39	From 1,4-Disaccharide to 1,3-Glycosyl Carbasugar: Synthesis of a Bespoke Inhibitor of Family GH99 Endo-Î±-mannosidase. Organic Letters, 2018, 20, 7488-7492.	4.6	11
40	Frontispiece: Confinement of Metal-N-Heterocyclic Carbene Complexes to Control Reactivity in Catalytic Reactions. Chemistry - A European Journal, 2018, 24, .	3.3	0
41	Bridging Î²â€Cyclodextrin Prevents Selfâ€Inclusion, Promotes Supramolecular Polymerization, and Promotes Cooperative Interaction with Nucleic Acids. Angewandte Chemie, 2018, 130, 7879-7884.	2.0	11
42	Mechanostereoselective One-Pot Synthesis of Functionalized Head-to-Head Cyclodextrin [3]Rotaxanes and Their Application as Magnetic Resonance Imaging Contrast Agents. Organic Letters, 2017, 19, 1136-1139.	4.6	37
43	Design, synthesis and biological evaluation of gentiopicroside derivatives as potential antiviral inhibitors. European Journal of Medicinal Chemistry, 2017, 130, 308-319.	5.5	22
44	Secondaryâ€Rim Î³â€Cyclodextrin Functionalization to Conjugate with C₆₀: Improved Efficacy as a Photosensitizer. Chemistry - A European Journal, 2017, 23, 9462-9466.	3.3	16
45	Liposomes for PET and MR Imaging and for Dual Targeting (Magnetic Field/Glucose Moiety): Synthesis, Properties, and in Vivo Studies. Molecular Pharmaceutics, 2017, 14, 406-414.	4.6	34
46	Contribution of Shape and Charge to the Inhibition of a Family GH99 endo-Î±-1,2-Mannanase. Journal of the American Chemical Society, 2017, 139, 1089-1097.	13.7	17
47	Cyclodextrin Cavityâ€Induced Mechanistic Switch in Copperâ€Catalyzed Hydroboration. Angewandte Chemie, 2017, 129, 10961-10965.	2.0	34
48	Cyclodextrin Cavityâ€Induced Mechanistic Switch in Copperâ€Catalyzed Hydroboration. Angewandte Chemie - International Edition, 2017, 56, 10821-10825.	13.8	69
49	Artificial Chiral Metallo-pockets Including a Single Metal Serving as Structural Probe and Catalytic Center. CheM, 2017, 3, 174-191.	11.7	62
50	Hexaphyrinâ€“Cyclodextrin Hybrids: A Nest for Switchable Aromaticity, Asymmetric Confinement, and Isomorphic Fluxionality. Angewandte Chemie - International Edition, 2016, 55, 297-301.	13.8	26
51	Chemical Sensors Based on New Polyamides Biobased on (Z) Octadecâ€9â€Enedioic Acid and Î²â€Cyclodextrin. Macromolecular Chemistry and Physics, 2016, 217, 1620-1628.	2.2	18
52	Protonated hexaphyrinâ€“cyclodextrin hybrids: molecular recognition tuned by a kinetic-to-thermodynamic topological adaptation. Chemical Communications, 2016, 52, 9347-9350.	4.1	11
53	Biological applications of hydrophilic C60 derivatives (hC60s)â^' a structural perspective. European Journal of Medicinal Chemistry, 2016, 115, 438-452.	5.5	29
54	Research Progress of Natural Product Gentiopicroside - a Secoiridoid Compound. Mini-Reviews in Medicinal Chemistry, 2016, 17, 62-77.	2.4	24

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55	Conformational Plasticity in Glycomimetics: Fluorocarbamethylâ€<scp>L</scp>â€idopyranosides Mimic the Intrinsic Dynamic Behaviour of Natural Idose Rings. Chemistry - A European Journal, 2015, 21, 10513-10521.	3.3	16
56	Î³-Aminoalcohol rearrangement applied to pentahydroxylated azepanes provides pyrrolidines epimeric to homoDMDP. Organic and Biomolecular Chemistry, 2015, 13, 3446-3456.	2.8	5
57	Synthesis of pyrrolidine-based analogues of 2-acetamidosugars asÂN-acetyl-d-glucosaminidase inhibitors. Carbohydrate Research, 2015, 409, 56-62.	2.3	7
58	Synthesis and characterization of four novel 2-(trimethylsilyl)ethyl glycosides. Research on Chemical Intermediates, 2015, 41, 1107-1113.	2.7	0
59	Efficient synthesis of chloro-derivatives of sialosyllactosylceramide, and their enhanced inhibitory effect on epidermal growth factor receptor activation. Oncology Letters, 2014, 7, 933-940.	1.8	7
60	Cyclodextrin Polyrotaxanes as a Highly Modular Platform for the Development of Imaging Agents. Chemistry - A European Journal, 2014, 20, 10915-10920.	3.3	39
61	Synthesis and NMR elucidation of four novel 2-(trimethylsilyl)ethyl glycosides. Research on Chemical Intermediates, 2014, 40, 1557-1564.	2.7	1
62	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.	7.1	52
63	Solidâ€State Hierarchical Cyclodextrinâ€Based Supramolecular Polymer Constructed by Primary, Secondary, and Tertiary Azido Interactions. Angewandte Chemie - International Edition, 2014, 53, 7238-7242.	13.8	19
64	Total synthesis of a sialyl Lewisx derivative for the diagnosis of cancer. Carbohydrate Research, 2014, 383, 89-96.	2.3	10
65	Synthesis of 1,2-cis-Homoiminosugars Derived from GlcNAc and GalNAc Exploiting a Î²-Amino Alcohol Skeletal Rearrangement. Organic Letters, 2014, 16, 5512-5515.	4.6	29
66	Synthesis of 1,2-trans-2-Acetamido-2-deoxyhomoiminosugars. Organic Letters, 2014, 16, 5516-5519.	4.6	21
67	Cyclodextrin-adamantane conjugates, self-inclusion and aggregation versus supramolecular polymer formation. Organic Chemistry Frontiers, 2014, 1, 703-706.	4.5	22
68	Site-selective hexa-hetero-functionalization of Î±-cyclodextrin an archetypical C6-symmetric concave cycle. Nature Communications, 2014, 5, 5354.	12.8	51
69	gemâ€Difluorocarbadisaccharides: Restoring the exoâ€Anomeric Effect. Angewandte Chemie - International Edition, 2014, 53, 9597-9602.	13.8	36
70	Nonâ€specific accumulation of glycosphingolipids in GNE myopathy. Journal of Inherited Metabolic Disease, 2014, 37, 297-308.	3.6	11
71	Synthesis and cytotoxicity assay of four ganglioside GM3 analogues. European Journal of Medicinal Chemistry, 2014, 75, 247-257.	5.5	7
72	Fluoro-C-glycosides and fluoro-carbasugars, hydrolytically stable and synthetically challenging glycomimetics. Chemical Society Reviews, 2013, 42, 4270-4283.	38.1	93

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73	Efficient Access to Peptidylâ€RNA Conjugates for Picomolar Inhibition of Nonâ€ribosomal FemX_{Wv} Aminoacyl Transferase. Chemistry - A European Journal, 2013, 19, 1357-1363.	3.3	22
74	An â€œAgainst the Rulesâ€•Double Bank Shot with Diisobutylaluminum Hydride To Allow Triple Functionalization of Î±â€Cyclodextrin. Angewandte Chemie - International Edition, 2013, 52, 639-644.	13.8	25
75	Novel imino sugar Î±-glucosidase inhibitors as antiviral compounds. Bioorganic and Medicinal Chemistry, 2013, 21, 4831-4838.	3.0	39
76	NHCâ€Capped Cyclodextrins (ICyDs): Insulated Metal Complexes, Commutable Multicoordination Sphere, and Cavityâ€Dependent Catalysis. Angewandte Chemie - International Edition, 2013, 52, 7213-7218.	13.8	128
77	Site-Selective Heterofunctionalization of Cyclodextrins: Discovery, Development, and Use in Catalysis. Synlett, 2013, 24, 2629-2640.	1.8	36
78	Diametrically Opposed Carbenes on an Î±â€Cyclodextrin: Synthesis, Characterization of Organometallic Complexes and Suzukiâ€“Miyaura Coupling in Ethanol and in Water. European Journal of Organic Chemistry, 2013, 2013, 3691-3699.	2.4	40
79	Kinetic Analysis of Enterococcus faecium <scp>l</scp> , <scp>d</scp> -Transpeptidase Inactivation by Carbapenems. Antimicrobial Agents and Chemotherapy, 2012, 56, 3409-3412.	3.2	25
80	Conjugation of cyclodextrin with fullerene as a new class of HCV entry inhibitors. Bioorganic and Medicinal Chemistry, 2012, 20, 5616-5622.	3.0	27
81	Synthesis and conformational analysis of bicyclic mimics of Î±- and Î²-d-glucopyranosides adopting the biologically relevant 2,5B conformation. Carbohydrate Research, 2012, 361, 219-224.	2.3	4
82	Conformational analysis of seven-membered 1-N-iminosugars by NMR and molecular modelling. New Journal of Chemistry, 2012, 36, 1008.	2.8	10
83	Synthesis of branched seven-membered 1-N-iminosugars and their evaluation as glycosidase inhibitors. Carbohydrate Research, 2012, 356, 110-114.	2.3	12
84	Cyclodextrins selectively modified on both rims using an O-3-debenzylative post-functionalisation, a consequence of the Sorrento meeting. Carbohydrate Research, 2012, 356, 278-281.	2.3	14
85	Towards a stable noeuromycin analog with a d-manno configuration: Synthesis and glycosidase inhibition of d-manno-like tri- and tetrahydroxylated azepanes. Bioorganic and Medicinal Chemistry, 2012, 20, 641-649.	3.0	19
86	InnenrÃ¼cktitelbild: Cyclodextrin-Induced Auto-Healing of Hybrid Polyoxometalates (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	0
87	Cyclodextrinâ€Induced Autoâ€Healing of Hybrid Polyoxometalates. Angewandte Chemie - International Edition, 2012, 51, 487-490.	13.8	54
88	Inside Back Cover: Cyclodextrin-Induced Auto-Healing of Hybrid Polyoxometalates (Angew. Chem. Int.) Tj ETQq0 0 0 rgBT /Overlock 10 T	13.8	0
89	An N-heterocyclic carbene ligand based on a Î²-cyclodextrinâ€“imidazolium salt: synthesis, characterization of organometallic complexes and Suzuki coupling. New Journal of Chemistry, 2011, 35, 2061.	2.8	53
90	Cavitand supported tetraphosphine: cyclodextrin offers a useful platform for Suzuki-Miyaura cross-coupling. Chemical Communications, 2011, 47, 9206.	4.1	57

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91	Selection of the biological activity of DNJ neoglycoconjugates through click length variation of the side chain. Organic and Biomolecular Chemistry, 2011, 9, 5373.	2.8	42
92	Facile preparation of two tetrols from permethylated Î±-cyclodextrin and unambiguous NMR analysis. Tetrahedron Letters, 2011, 52, 5273-5276.	1.4	8
93	Regioâ€•and Stereocontrolled Synthesis of 2dâ€Deoxy Lewis^x Pentasaccharide. European Journal of Organic Chemistry, 2011, 2011, 7133-7139.	2.4	6
94	Direct Experimental Evidence for the High Chemical Reactivity of Î±â€•and Î²â€Xylopyranosides Adopting a ^{2,5}B Conformation in Glycosyl Transfer. Chemistry - A European Journal, 2011, 17, 7345-7356.	3.3	14
95	Chimie et biochimie des hydrates de carbone. Comptes Rendus Chimie, 2011, 14, 1-2.	0.5	0
96	Synthesis, Conformational Analysis, and Evaluation as Glycosidase Inhibitors of Two Ether-Bridged Iminosugars. Journal of Carbohydrate Chemistry, 2011, 30, 641-654.	1.1	14
97	Synthesis and Electrochemical Study of an Original Copper(II)â€Capped Salenâ€“Cyclodextrin Complex. European Journal of Inorganic Chemistry, 2010, 2010, 4720-4727.	2.0	21
98	Diisobutylaluminium Hydride (DIBALâ€H) Promoted Secondary Rim Regioselective Demethylations of Permethylated Î²â€Cyclodextrin: A Mechanistic Proposal. European Journal of Organic Chemistry, 2010, 2010, 1510-1516.	2.4	41
99	Photosensitive Surfactants with Various Hydrophobic Tail Lengths for the Photocontrol of Genomic DNA Conformation with Improved Efficiency. Chemistry - A European Journal, 2010, 16, 11890-11896.	3.3	88
100	Can Heteroâ€Polysubstituted Cyclodextrins be Considered as Inherently Chiral Concave Molecules?. Angewandte Chemie - International Edition, 2010, 49, 2314-2318.	13.8	42
101	Î¼-Waves avoid large excesses of diisobutylaluminium-hydride (DIBAL-H) in the debenzylation of perbenzylated Î±-cyclodextrin. Tetrahedron Letters, 2010, 51, 1254-1256.	1.4	19
102	Duplex of capped-cyclodextrins, synthesis and cross-linking behaviour with a biopolymer. Organic and Biomolecular Chemistry, 2010, 8, 3437.	2.8	11
103	Analysis of the Reaction Coordinate of Î±-<scp>l</scp>-Fucosidases: A Combined Structural and Quantum Mechanical Approach. Journal of the American Chemical Society, 2010, 132, 1804-1806.	13.7	63
104	Cyclodextrin tetraplexes: first syntheses and potential as cross-linking agent. Chemical Communications, 2010, 46, 2238.	4.1	20
105	Total Synthesis of the Epimer at C-6â€² of the Miharamycin B Framework. Synlett, 2009, 2009, 1269-1272.	1.8	2
106	Capâ€Assisted Synthesis of Heteroâ€Trifunctional Cyclodextrins, from Flamingo Cap to Bascule Bridge. European Journal of Organic Chemistry, 2009, 2009, 1295-1303.	2.4	43
107	Design and synthesis of acetamido tri- and tetra-hydroxyazepanes: Potent and selective Î²-N-acetylhexosaminidase inhibitors. Bioorganic and Medicinal Chemistry, 2009, 17, 5598-5604.	3.0	44
108	Molecular Basis for Inhibition of GH84 Glycoside Hydrolases by Substituted Azepanes: Conformational Flexibility Enables Probing of Substrate Distortion. Journal of the American Chemical Society, 2009, 131, 5390-5392.	13.7	62

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109	Photocontrol of Singleâ€Chain DNA Conformation in Cellâ€Mimicking Microcompartments. ChemBioChem, 2008, 9, 1201-1206.	2.6	51
110	Regiospecific Tandem Azideâ€Reduction/Deprotection To Afford Versatile Amino Alcoholâ€Functionalized Î±â€• and Î²â€Cyclodextrins. Angewandte Chemie - International Edition, 2008, 47, 7060-7063.	13.8	57
111	First synthesis of 5-fluoro-(+)-MK7607, its 1-epimer and 6-deoxy derivative. Tetrahedron Letters, 2008, 49, 5548-5550.	1.4	10
112	Hemicarbasucrose: Turning off the Exoanomeric Effect Induces Less Flexibility. Chemistry - an Asian Journal, 2008, 3, 51-58.	3.3	12
113	Multiple Homo- and Hetero-functionalizations of Î±-Cyclodextrin through Oriented Deprotections. Journal of Organic Chemistry, 2008, 73, 2819-2828.	3.2	67
114	Phenylenediamine catalysis of â€œclick glycosylationsâ€•in water: practical and direct access to unprotected neoglycoconjugates. Organic and Biomolecular Chemistry, 2008, 6, 1898.	2.8	45
115	A Hydrophilic Cyclodextrin Duplex Forming Supramolecular Assemblies by Physical Crossâ€Linking of a Biopolymer. Chemistry - A European Journal, 2007, 13, 8847-8857.	3.3	35
116	Chemical Clockwise Tridifferentiation of Î±â€•and Î²â€Cyclodextrins: Basculeâ€Bridge or Deoxyâ€Sugars Strategies. Chemistry - A European Journal, 2007, 13, 9757-9774.	3.3	54
117	Amphiphilic bipolar duplex Î±-cyclodextrin forming vesicles. Tetrahedron, 2007, 63, 2973-2977.	1.9	19
118	Conformational behaviour of glycomimetics: NMR and molecular modelling studies of the C-glycoside analogue of the disaccharide methyl Î²-d-galactopyranosyl-(1â†'3)-Î²-d-glucopyranoside. Carbohydrate Research, 2007, 342, 1910-1917.	2.3	18
119	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. Carbohydrate Research, 2007, 342, 1918-1928.	2.3	23
120	gem-Difluoro-carbasugars, the cases of mannopyranose and galactopyranose. Carbohydrate Research, 2007, 342, 1689-1703.	2.3	24
121	Sequential ring closing/opening metathesis for the highly selective synthesis of a triply bifunctionalized Î±-cyclodextrin. Chemical Communications, 2006, , 1112-1114.	4.1	35
122	Pd-catalysed Capping Removal on a Tri-differentiated Î±-Cyclodextrin. Chemistry Letters, 2006, 35, 534-535.	1.3	23
123	Alkylalanes and methyl furanosides: regioselective O-debenzylation or acetal cleavage. Carbohydrate Research, 2006, 341, 2135-2144.	2.3	14
124	Expeditious selective synthesis of primary rim tri-differentiated Î±-cyclodextrin. Tetrahedron Letters, 2006, 47, 4137-4139.	1.4	33
125	Diisobutylaluminium hydride (DIBAL-H) is promoting a selective clockwise debenzylation of perbenzylated 6A,6D-dideoxy-Î±-cyclodextrin. Tetrahedron Letters, 2005, 46, 7757-7760.	1.4	47
126	Triisobutylaluminium (TIBAL) Promoted Rearrangement of C-glycosides. Molecules, 2005, 10, 843-858.	3.8	6

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127	From Sugars to Carba-Sugars. , 2005, , .		0
128	Trimethylaluminium promoted rearrangements of unsaturated sugars into cyclohexanes. Tetrahedron: Asymmetry, 2004, 15, 699-703.	1.8	18
129	Synthesis ofgem-Difluorocarba-D-glucose: A Step Further in Sugar Mimesis. Angewandte Chemie - International Edition, 2004, 43, 6680-6683.	13.8	48
130	The First Chemical Synthesis of a Cyclodextrin Heteroduplex. Chemistry and Biodiversity, 2004, 1, 129-137.	2.1	21
131	Trimethylaluminum-Promoted Rearrangements of Unsaturated Sugars into Cyclohexanes.. ChemInform, 2004, 35, no.	0.0	0
132	The First Synthesis of Substituted Azepanes Mimicking Monosaccharides: A New Class of Potent Glycosidase Inhibitors.. ChemInform, 2004, 35, no.	0.0	0
133	Triisobutylaluminium and Diisobutylaluminium Hydride as Molecular Scalpels: The Regioselective Stripping of Perbenzylated Sugars and Cyclodextrins. Chemistry - A European Journal, 2004, 10, 2960-2971.	3.3	165
134	Diisobutylaluminium hydride (DIBAL-H) as a molecular scalpel: a new mechanistic proposal for a spiroketal rearrangement. Tetrahedron Letters, 2004, 45, 8165-8168.	1.4	6
135	The first synthesis of substituted azepanes mimicking monosaccharides: a new class of potent glycosidase inhibitors. Organic and Biomolecular Chemistry, 2004, 2, 1492-1499.	2.8	90
136	Synthesis of Methoxy-Substituted Exocyclic (E)- and (Z)-Unsaturated Methyl Pyranosides and a Study of Their Reactivity towards Lewis Acids. European Journal of Organic Chemistry, 2003, 2003, 2678-2683.	2.4	7
137	High throughput measurement of duplex, triplex and quadruplex melting curves using molecular beacons and a LightCycler. Nucleic Acids Research, 2002, 30, 39e-39.	14.5	148
138	Stable DNA Triple Helix Formation Using Oligonucleotides Containing 2â€˜-Aminoethoxy,5-propargylamino-Uâ€. Biochemistry, 2002, 41, 7224-7231.	2.5	47
139	Cycloheptanic sugar mimetics, bridging the gap in the homologous series of carbocyclic analogues. Tetrahedron, 2002, 58, 10189-10196.	1.9	33
140	First synthesis of 1-deazacytidine, the C-nucleoside analogue of cytidine. Tetrahedron Letters, 2002, 43, 3121-3123.	1.4	35
141	Carbocyclic Ring Closure of Unsaturated S-, Se-, and C-Aryl Glycosides. Angewandte Chemie - International Edition, 2000, 39, 362-364.	13.8	55
142	From Glucose to Cyclooctanic Carbaglucose: A New Class of Carbohydrate Mimetics. Angewandte Chemie - International Edition, 2000, 39, 2466-2467.	13.8	62
143	Synthesis of carba-Î²-d- and l-idopyranosides by rearrangement of unsaturated sugars. Tetrahedron: Asymmetry, 2000, 11, 283-294.	1.8	42
144	Synthesis of a novel bis-amino-modified thymidine monomer for use in DNA triplex stabilisation. Chemical Communications, 2000, , 2315-2316.	4.1	14

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