

Carmen Ortiz Mellet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6069340/publications.pdf>

Version: 2024-02-01

243
papers

9,087
citations

34016

52
h-index

69108

77
g-index

281
all docs

281
docs citations

281
times ranked

6218
citing authors

#	ARTICLE	IF	CITATIONS
1	Bicyclic Picomolar OGA Inhibitors Enable Chemoproteomic Mapping of Its Endogenous Post-translational Modifications. <i>Journal of the American Chemical Society</i> , 2022, 144, 832-844.	6.6	15
2	Enhanced Gene Delivery Triggered by Dual pH/Redox Responsive Host-Guest Dimerization of Cyclooligosaccharide Star Polycations. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200145.	2.0	4
3	sp ² -Iminosugars targeting human lysosomal β -hexosaminidase as pharmacological chaperone candidates for late-onset Tay-Sachs disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1364-1374.	2.5	5
4	A versatile stereocontrolled synthesis of 2-deoxyiminosugar C-glycosides and their evaluation as glycosidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1083-1099.	1.5	4
5	Synthesis, self-assembly and anticancer drug encapsulation and delivery properties of cyclodextrin-based giant amphiphiles. <i>Carbohydrate Polymers</i> , 2021, 252, 117135.	5.1	23
6	Anti-Inflammatory (M2) Response Is Induced by a sp ² -Iminosugar Glycolipid Sulfoxide in Diabetic Retinopathy. <i>Frontiers in Immunology</i> , 2021, 12, 632132.	2.2	13
7	Trifaceted Mickey Mouse Amphiphiles for Programmable Self-Assembly, DNA Complexation and Organ-selective Gene Delivery. <i>Chemistry - A European Journal</i> , 2021, 27, 9429-9438.	1.7	4
8	Rational design of cell active C2-modified DGJ analogues for the inhibition of human β -galactosidase A (GALA). <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8057-8062.	1.5	1
9	Synthesis of sp ² -Iminosugar Selenoglycolipids as Multitarget Drug Candidates with Antiproliferative, Leishmanicidal and Anti-Inflammatory Properties. <i>Molecules</i> , 2021, 26, 7501.	1.7	4
10	Click Synthesis of Size- and Shape-Tunable Star Polymers with Functional Macrocyclic Cores for Synergistic DNA Complexation and Delivery. <i>Biomacromolecules</i> , 2020, 21, 5173-5188.	2.6	9
11	Amplified Detection of Breast Cancer Autoantibodies Using MUC1-Based Tn Antigen Mimics. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 8524-8533.	2.9	14
12	Tuning the Topological Landscape of DNA-Cyclodextrin Nanocomplexes by Molecular Design. <i>Chemistry - A European Journal</i> , 2020, 26, 15259-15269.	1.7	16
13	Cyclodextrin-Based Functional Glyconanomaterials. <i>Nanomaterials</i> , 2020, 10, 2517.	1.9	19
14	Cyclodextrin-Based Nanostructure Efficiently Delivers siRNA to Glioblastoma Cells Preferentially via Macropinocytosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9306.	1.8	9
15	sp ² -Iminosugars as chemical mimics for glycodrug design. , 2020, , 197-224.		1
16	Stereoselective Synthesis of Iminosugar 2-Deoxy(thio)glycosides from Bicyclic Iminoglycal Carbamates Promoted by Cerium(IV) Ammonium Nitrate and Cooperative Brønsted Acid-Type Organocatalysis. <i>Journal of Organic Chemistry</i> , 2020, 85, 5038-5047.	1.7	9
17	Synthesis, conformational analysis and <i>in vivo</i> assays of an anti-cancer vaccine that features an unnatural antigen based on an sp ² -iminosugar fragment. <i>Chemical Science</i> , 2020, 11, 3996-4006.	3.7	24
18	Carbohydrate supramolecular chemistry: beyond the multivalent effect. <i>Chemical Communications</i> , 2020, 56, 5207-5222.	2.2	70

#	ARTICLE	IF	CITATIONS
19	Thiol-ene "Click" Synthesis and Pharmacological Evaluation of C-Glycoside sp ² -Iminosugar Glycolipids. <i>Molecules</i> , 2019, 24, 2882.	1.7	9
20	Synthesis of polyfluoroalkyl sp ² -iminosugar glycolipids and evaluation of their immunomodulatory properties towards anti-tumor, anti-leishmanial and anti-inflammatory therapies. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111604.	2.6	18
21	Novel Therapies for Orphan Diseases. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1020-1023.	1.3	9
22	Trehalose-based Siamese twin amphiphiles with tunable self-assembling, DNA nanocomplexing and gene delivery properties. <i>Chemical Communications</i> , 2019, 55, 8227-8230.	2.2	10
23	Multiply "linked cyclodextrin" aromatic hybrids: Caps, hinges and clips. <i>Journal of Carbohydrate Chemistry</i> , 2019, 38, 470-493.	0.4	12
24	Pharmacological Chaperones for the Treatment of β -Mannosidosis. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 5832-5843.	2.9	25
25	Screening sp-iminosugar N-glycosides as pharmacological chaperone candidates for β -mannosidosis: The effect of aglycone nature and valency. <i>Molecular Genetics and Metabolism</i> , 2019, 126, S58.	0.5	0
26	sp ² -Iminosugar glycolipids as inhibitors of lipopolysaccharide-mediated human dendritic cell activation in vitro and of acute inflammation in mice in vivo. <i>European Journal of Medicinal Chemistry</i> , 2019, 169, 111-120.	2.6	15
27	Dynamic Control of the Self-Assembling Properties of Cyclodextrins by the Interplay of Aromatic and Host-Guest Interactions. <i>Frontiers in Chemistry</i> , 2019, 7, 72.	1.8	12
28	Tailoring the inhibitory versus chaperoning behavior of amphiphilic sp-iminosugar glycomimetics targeting β -glucocerebrosidase: From micromolar to picomolar chaperones for Gaucher disease. <i>Molecular Genetics and Metabolism</i> , 2019, 126, S58.	0.5	0
29	Multivalent glycoligands with lectin/enzyme dual specificity: self-deliverable glycosidase regulators. <i>Chemical Communications</i> , 2019, 55, 12845-12848.	2.2	9
30	Xylylene Clips for the Topology-Guided Control of the Inclusion and Self-Assembling Properties of Cyclodextrins. <i>Journal of Organic Chemistry</i> , 2018, 83, 5588-5597.	1.7	9
31	Plasmid-Templated Control of DNA Cyclodextrin Nanoparticle Morphology through Molecular Vector Design for Effective Gene Delivery. <i>Chemistry - A European Journal</i> , 2018, 24, 3825-3835.	1.7	22
32	Giant Glycosidase Inhibitors: First- and Second-Generation Fullerodendrimers with a Dense Iminosugar Shell. <i>Chemistry - A European Journal</i> , 2018, 24, 2483-2492.	1.7	33
33	Revealing cooperative binding of polycationic cyclodextrins with DNA oligomers by capillary electrophoresis coupled to mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1002, 70-81.	2.6	18
34	The sp ² -iminosugar glycolipid 1-dodecylsulfonyl-5 N,6 O-oxomethylidenenojirimycin (DSO 2 -ONJ) as selective anti-inflammatory agent by modulation of hemeoxygenase-1 in Bv.2 microglial cells and retinal explants. <i>Food and Chemical Toxicology</i> , 2018, 111, 454-466.	1.8	19
35	Catalyst-Free Synthesis of Alkylpolyglycosides Induced by High-Frequency Ultrasound. <i>ChemSusChem</i> , 2018, 11, 2673-2676.	3.6	12
36	Probing the Inhibitor versus Chaperone Properties of sp ² -Iminosugars towards Human β -Glucocerebrosidase: A Picomolar Chaperone for Gaucher Disease. <i>Molecules</i> , 2018, 23, 927.	1.7	30

#	ARTICLE	IF	CITATIONS
37	The Impact of Heteromultivalency in Lectin Recognition and Glycosidase Inhibition: An Integrated Mechanistic Study. <i>Chemistry - A European Journal</i> , 2017, 23, 6295-6304.	1.7	46
38	Fluorinated Chaperone β -Cyclodextrin Formulations for β -Glucocerebrosidase Activity Enhancement in Neuronopathic Gaucher Disease. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1829-1842.	2.9	34
39	Construction of giant glycosidase inhibitors from iminosugar-substituted fullerene macromonomers. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6546-6556.	2.9	26
40	Multivalency as an action principle in multimodal lectin recognition and glycosidase inhibition: a paradigm shift driven by carbon-based glyconanomaterials. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6428-6436.	2.9	53
41	Carbon Dioxide as a Traceless Caramelization Promotor: Preparation of Prebiotic Difructose Dianhydrides (DFAs)-Enriched Caramels from α -Fructose. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6093-6099.	2.4	12
42	A novel potential nanophototherapeutic based on the assembly of an amphiphilic cationic β -cyclodextrin and an anionic porphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 398-405.	0.4	11
43	Biophysics and protein corona analysis of Janus cyclodextrin-DNA nanocomplexes. Efficient cellular transfection on cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1737-1749.	1.1	16
44	Molecular nanoparticle-based gene delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 18-37.	1.4	47
45	Frontispiece: The Impact of Heteromultivalency in Lectin Recognition and Glycosidase Inhibition: An Integrated Mechanistic Study. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0
46	Molecular determinants for cyclo-oligosaccharide-based nanoparticle-mediated effective siRNA transfection. <i>Nanomedicine</i> , 2017, 12, 1607-1621.	1.7	13
47	Docetaxel-Loaded Nanoparticles Assembled from β -Cyclodextrin/Calixarene Giant Surfactants: Physicochemical Properties and Cytotoxic Effect in Prostate Cancer and Glioblastoma Cells. <i>Frontiers in Pharmacology</i> , 2017, 8, 249.	1.6	37
48	Development of polycationic amphiphilic cyclodextrin nanoparticles for anticancer drug delivery. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1457-1468.	1.5	38
49	Trehalose-based Janus cyclooligosaccharides: the "Click" synthesis and DNA-directed assembly into pH-sensitive transfectious nanoparticles. <i>Chemical Communications</i> , 2016, 52, 10117-10120.	2.2	20
50	Deciphering of polycationic carbohydrate based non-viral gene delivery agents by ESI-LTQ-Orbitrap using CID/HCD pairwise tandem mass spectrometry. <i>RSC Advances</i> , 2016, 6, 78803-78817.	1.7	6
51	Impact of Nonthermal Atmospheric Plasma on the Structure of Cellulose: Access to Soluble Branched Glucans. <i>Chemistry - A European Journal</i> , 2016, 22, 16522-16530.	1.7	15
52	Cyclodextrin-based facial amphiphiles: assessing the impact of the hydrophilic-lipophilic balance in the self-assembly, DNA complexation and gene delivery capabilities. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10037-10049.	1.5	19
53	Cholesterol-Targeted Anticancer and Apoptotic Effects of Anionic and Polycationic Amphiphilic Cyclodextrin Nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 3172-3182.	1.6	30
54	Tn Antigen Mimics Based on α -Iminosugars with Affinity for an anti-MUC1 Antibody. <i>Organic Letters</i> , 2016, 18, 3890-3893.	2.4	32

#	ARTICLE	IF	CITATIONS
55	Potent Glycosidase Inhibition with Heterovalent Fullerenes: Unveiling the Binding Modes Triggering Multivalent Inhibition. <i>Chemistry - A European Journal</i> , 2016, 22, 11450-11460.	1.7	65
56	Toward a suitable structural analysis of gene delivery carrier based on polycationic carbohydrates by electron transfer dissociation tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 948, 62-72.	2.6	6
57	Understanding multivalent effects in glycosidase inhibition using C-glycoside click clusters as molecular probes. <i>New Journal of Chemistry</i> , 2016, 40, 7421-7430.	1.4	20
58	Modulation of microglia polarization dynamics during diabetic retinopathy in db / db mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1663-1674.	1.8	80
59	Influence of the configurational pattern of sp ² -iminosugar pseudo N-, S-, O- and C-glycosides on their glycoside inhibitory and antitumor properties. <i>Carbohydrate Research</i> , 2016, 429, 113-122.	1.1	38
60	Glycomimetic-based pharmacological chaperones for lysosomal storage disorders: lessons from Gaucher, GM1-gangliosidosis and Fabry diseases. <i>Chemical Communications</i> , 2016, 52, 5497-5515.	2.2	122
61	Conformationally-locked C-glycosides: tuning aglycone interactions for optimal chaperone behaviour in Gaucher fibroblasts. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1473-1484.	1.5	13
62	Inhibitor versus chaperone behaviour of d-fagomine, DAB and LAB sp ² -iminosugar conjugates against glycosidases: A structure-activity relationship study in Gaucher fibroblasts. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 880-891.	2.6	33
63	Efficient stereoselective synthesis of 2-acetamido-1,2-dideoxyallonojirimycin (DAJNac) and sp ² -iminosugar conjugates: Novel hexosaminidase inhibitors with discrimination capabilities between the mature and precursor forms of the enzyme. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 926-938.	2.6	23
64	Pharmacological Chaperones and Coenzyme Q10 Treatment Improves Mutant β -Glucocerebrosidase Activity and Mitochondrial Function in Neuronopathic Forms of Gaucher Disease. <i>Scientific Reports</i> , 2015, 5, 10903.	1.6	107
65	Host-Guest Mediated DNA Templation of Polycationic Supramolecules for Hierarchical Nanocondensation and the Delivery of Gene Material. <i>Chemistry - A European Journal</i> , 2015, 21, 12093-12104.	1.7	39
66	pH-Responsive Pharmacological Chaperones for Rescuing Mutant Glycosidases. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11696-11700.	7.2	62
67	Effects of feed additives on ileal mucosa-associated microbiota composition of broiler chickens1. <i>Journal of Animal Science</i> , 2015, 93, 3410-3420.	0.2	21
68	Fluorinated hydroxypiperidines as selective β -glucosidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5983-5996.	1.5	7
69	Antileishmanial activity of sp ² -iminosugar derivatives. <i>RSC Advances</i> , 2015, 5, 21812-21822.	1.7	27
70	Cell uptake mechanisms of glycosylated cationic pDNA-cyclodextrin nanoparticles. <i>RSC Advances</i> , 2015, 5, 29135-29144.	1.7	12
71	Unprecedented inhibition of glycosidase-catalyzed substrate hydrolysis by nanodiamond-grafted O-glycosides. <i>RSC Advances</i> , 2015, 5, 100568-100578.	1.7	27
72	Stereoselective synthesis of 2-acetamido-1,2-dideoxyallonojirimycin (DNJNac) and ureido-DNJNac derivatives as new hexosaminidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6500-6510.	1.5	19

#	ARTICLE	IF	CITATIONS
73	Harmonized tuning of nucleic acid and lectin binding properties with multivalent cyclodextrins for macrophage-selective gene delivery. <i>RSC Advances</i> , 2015, 5, 76464-76471.	1.7	6
74	Inhibition of type 1 fimbriae-mediated <i>Escherichia coli</i> adhesion and biofilm formation by trimeric cluster thiomannosides conjugated to diamond nanoparticles. <i>Nanoscale</i> , 2015, 7, 2325-2335.	2.8	52
75	Cyclodextrin- and calixarene-based polycationic amphiphiles as gene delivery systems: a structure-activity relationship study. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1708-1723.	1.5	49
76	Synthesis of High-Mannose Oligosaccharide Analogues through Click Chemistry: True Functional Mimics of Their Natural Counterparts Against Lectins?. <i>Chemistry - A European Journal</i> , 2015, 21, 1978-1991.	1.7	37
77	Conformationally-locked N-glycosides: Exploiting long-range non-glycone interactions in the design of pharmacological chaperones for Gaucher disease. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 258-266.	2.6	15
78	Correlations between changes in intestinal microbiota composition and performance parameters in broiler chickens. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015, 99, 418-423.	1.0	47
79	Neuronopathic Gaucher's disease: induced pluripotent stem cells for disease modelling and testing chaperone activity of small compounds. <i>Human Molecular Genetics</i> , 2014, 23, 281-281.	1.4	0
80	Structural Basis of Pharmacological Chaperoning for Human β -Galactosidase. <i>Journal of Biological Chemistry</i> , 2014, 289, 14560-14568.	1.6	56
81	Targeted delivery of pharmacological chaperones for Gaucher disease to macrophages by a mannosylated cyclodextrin carrier. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2289-2301.	1.5	44
82	Synthesis of substituted exo-glucals via a modified Julia olefination and identification as selective β -glucosidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 690-699.	1.5	14
83	Synthesis of Multibranched Australine Derivatives from Reducing Castanospermine Analogues through the Amadori Rearrangement of <i>gem</i> -Diamine Intermediates: Selective Inhibitors of β -Glucosidase. <i>Journal of Organic Chemistry</i> , 2014, 79, 11722-11728.	1.7	20
84	Iminosugar-based glycopolypeptides: glycosidase inhibition with bioinspired glycoprotein analogue micellar self-assemblies. <i>Chemical Communications</i> , 2014, 50, 3350-3352.	2.2	75
85	Cyclodextrin-scaffolded amphiphilic aminoglycoside clusters: self-assembling and gene delivery capabilities. <i>New Journal of Chemistry</i> , 2014, 38, 5215-5225.	1.4	12
86	Glycoligand-targeted core-shell nanospheres with tunable drug release profiles from calixarene-cyclodextrin heterodimers. <i>Chemical Communications</i> , 2014, 50, 7440-7443.	2.2	47
87	Trehalose- and Glucose-Derived Glycoamphiphiles: Small-Molecule and Nanoparticle Toll-Like Receptor 4 (TLR4) Modulators. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9105-9123.	2.9	23
88	Dynamic Self-Assembly of Polycationic Clusters Based on Cyclodextrins for pH-Sensitive DNA Nanocondensation and Delivery by Component Design. <i>Chemistry - A European Journal</i> , 2014, 20, 6622-6627.	1.7	35
89	Molecular Basis of 1-Deoxygalactonojirimycin Arylthiourea Binding to Human β -Galactosidase A: Pharmacological Chaperoning Efficacy on Fabry Disease Mutants. <i>ACS Chemical Biology</i> , 2014, 9, 1460-1469.	1.6	50
90	Correction to α -Topological Effects and Binding Modes Operating with Multivalent Iminosugar-Based Glycoclusters and Mannosidases. <i>Journal of the American Chemical Society</i> , 2014, 136, 6773-6773.	6.6	2

#	ARTICLE	IF	CITATIONS
91	A Di-D-Fructose Dianhydride-Enriched Caramel Modulates Pig Fecal Microbiota Composition. <i>Advances in Microbiology</i> , 2014, 04, 242-251.	0.3	5
92	Stereoselective Synthesis of 2-Acetamido-1,2-dideoxyallonojirimycin (DAJNAc), a New Potent Hexosaminidase Inhibitor. <i>Organic Letters</i> , 2013, 15, 3638-3641.	2.4	16
93	Targeted gene delivery by new folate- α -polycationic amphiphilic cyclodextrin-DNA nanocomplexes in vitro and in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 390-397.	2.0	62
94	Amphiphilic Oligoethyleneimine- β -Cyclodextrin α -Click-Clusters for Enhanced DNA Delivery. <i>Journal of Organic Chemistry</i> , 2013, 78, 8143-8148.	1.7	32
95	The Multivalent Effect in Glycosidase Inhibition: Probing the Influence of Valency, Peripheral Ligand Structure, and Topology with Cyclodextrin-Based Iminosugar Click Clusters. <i>ChemBioChem</i> , 2013, 14, 2038-2049.	1.3	56
96	Topological Effects and Binding Modes Operating with Multivalent Iminosugar-Based Glycoclusters and Mannosidases. <i>Journal of the American Chemical Society</i> , 2013, 135, 18427-18435.	6.6	80
97	Probing the Nature of the Cluster Effect Observed with Synthetic Multivalent Galactosides and Peanut Agglutinin Lectin. <i>Chemistry - A European Journal</i> , 2013, 19, 729-738.	1.7	22
98	o-Xylylene Protecting Group in Carbohydrate Chemistry: Application to the Regioselective Protection of a Single vic-Diol Segment in Cyclodextrins. <i>Journal of Organic Chemistry</i> , 2013, 78, 1390-1403.	1.7	31
99	Cyclodextrin-based multivalent glycodisplays: covalent and supramolecular conjugates to assess carbohydrate-protein interactions. <i>Chemical Society Reviews</i> , 2013, 42, 4746.	18.7	227
100	Competitive processes of a chromophore modified β -cyclodextrin in the presence of a fluorescence polarity sensitive probe. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 256, 42-51.	2.0	6
101	Influence of the Macroring Size on the Self-Association Thermodynamics of Cyclodextrins with a Double-Linked Naphthalene at the Secondary Face. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5472-5485.	1.2	9
102	α -Thiocarbonyl Iminosugars: Synthesis and Evaluation of Castanospermine Analogues Bearing Oxazole(3-H)-thione Moieties. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7941-7951.	1.2	11
103	Multivalency in heterogeneous glycoenvironments: hetero-glycoclusters, -glycopolymers and -glycoassemblies. <i>Chemical Society Reviews</i> , 2013, 42, 4518-4531.	18.7	143
104	A Bicyclic 1-Deoxygalactonojirimycin Derivative as a Novel Pharmacological Chaperone for GM1 Gangliosidosis. <i>Molecular Therapy</i> , 2013, 21, 526-532.	3.7	70
105	Cyclodextrin-scaffolded glycotransporters for gene delivery. <i>Pure and Applied Chemistry</i> , 2013, 85, 1825-1845.	0.9	16
106	Neuronopathic Gaucher's disease: induced pluripotent stem cells for disease modelling and testing chaperone activity of small compounds. <i>Human Molecular Genetics</i> , 2013, 22, 633-645.	1.4	75
107	Fullerene α - β -iminoglycoside Balls as Multimodal Ligands for Lectins and Glycosidases: A Mechanistic Hypothesis for the Inhibitory Multivalent Effect. <i>Chemistry - A European Journal</i> , 2013, 19, 16791-16803.	1.7	90
108	Effects of inulin and di-d-fructose dianhydride-enriched caramels on intestinal microbiota composition and performance of broiler chickens. <i>Animal</i> , 2013, 7, 1779-1788.	1.3	22

#	ARTICLE	IF	CITATIONS
109	Bicyclic Derivatives of <i>1-Deoxynojirimycin</i> as Pharmacological Chaperones for Neuronopathic Forms of Gaucher Disease. <i>ChemBioChem</i> , 2013, 14, 943-949.	1.3	30
110	New Castanospermine Glycoside Analogues Inhibit Breast Cancer Cell Proliferation and Induce Apoptosis without Affecting Normal Cells. <i>PLoS ONE</i> , 2013, 8, e76411.	1.1	39
111	Cyclodextrins for Pharmaceutical and Biomedical Applications. <i>Monographs in Supramolecular Chemistry</i> , 2013, , 94-139.	0.2	6
112	Glycotransporters for gene delivery. <i>Carbohydrate Chemistry</i> , 2012, , 338-375.	0.3	8
113	Monodisperse Nanoparticles from Self-Assembling Amphiphilic Cyclodextrins: Modulable Tools for the Encapsulation and Controlled Release of Pharmaceuticals. <i>Medicinal Chemistry</i> , 2012, 8, 524-532.	0.7	17
114	Polycationic amphiphilic cyclodextrins as gene vectors: effect of the macrocyclic ring size on the DNA complexing and delivery properties. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5570.	1.5	33
115	Tuning glycosidase inhibition through aglycone interactions: pharmacological chaperones for Fabry disease and GM1 gangliosidosis. <i>Chemical Communications</i> , 2012, 48, 6514.	2.2	54
116	Conformationally-Locked <i>N</i> -Glycosides with Selective β -Glucosidase Inhibitory Activity: Identification of a New Non-Iminosugar-Type Pharmacological Chaperone for Gaucher Disease. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6857-6865.	2.9	36
117	Probing Carbohydrate-Lectin Recognition in Heterogeneous Environments with Monodisperse Cyclodextrin-Based Glycoclusters. <i>Journal of Organic Chemistry</i> , 2012, 77, 1273-1288.	1.7	72
118	Scalable Syntheses of Both Enantiomers of DNJNAc and DGJNAc from Glucuronolactone: The Effect of <i>N</i> -Alkylation on Hexosaminidase Inhibition. <i>Chemistry - A European Journal</i> , 2012, 18, 9341-9359.	1.7	42
119	<i>sp</i> ² -Iminosugar <i>O</i> -, <i>S</i> -, and <i>N</i> -Glycosides as Conformational Mimics of β -Linked Disaccharides; Implications for Glycosidase Inhibition. <i>Chemistry - A European Journal</i> , 2012, 18, 8527-8539.	1.7	51
120	Synthesis and glycosidase inhibitory activity of isourea-type bicyclic <i>sp</i> ² -iminosugars related to galactonojirimycin and allonojirimycin. <i>Tetrahedron</i> , 2012, 68, 681-689.	1.0	11
121	Improving inclusion capabilities of permethylated cyclodextrins by appending a cap-like aromatic moiety. <i>Tetrahedron</i> , 2012, 68, 2961-2972.	1.0	8
122	β -Cyclodextrin-Based Polycationic Amphiphilic "Click" Clusters: Effect of Structural Modifications in Their DNA Complexing and Delivery Properties. <i>Journal of Organic Chemistry</i> , 2011, 76, 5882-5894.	1.7	78
123	Amphiphilic 1-Deoxynojirimycin Derivatives through Click Strategies for Chemical Chaperoning in N370S Gaucher Cells. <i>Journal of Organic Chemistry</i> , 2011, 76, 7757-7768.	1.7	48
124	Cyclodextrin-based gene delivery systems. <i>Chemical Society Reviews</i> , 2011, 40, 1586-1608.	18.7	371
125	Cyclodextrin-mediated crystallization of acid β -glucosidase in complex with amphiphilic bicyclic nojirimycin analogues. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4160.	1.5	31
126	Bicyclic (galacto)nojirimycin analogues as glycosidase inhibitors: Effect of structural modifications in their pharmacological chaperone potential towards β -glucocerebrosidase. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3698.	1.5	53

#	ARTICLE	IF	CITATIONS
127	Mannosyl-coated nanocomplexes from amphiphilic cyclodextrins and pDNA for site-specific gene delivery. <i>Biomaterials</i> , 2011, 32, 7263-7273.	5.7	96
128	Pharmacological chaperone therapy for Gaucher disease: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 885-903.	2.4	106
129	Stereoselective Synthesis of Difuctose Dianhydrides by Use of the Xylylene Group as Stereodirecting Element in Spiroketalisation Reactions. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 517-528.	1.2	4
130	Symmetry Complementarity-Guided Design of Anthrax Toxin Inhibitors Based on Cyclodextrin: Synthesis and Relative Activities of Face-Selective Functionalized Polycationic Clusters. <i>ChemMedChem</i> , 2011, 6, 181-192.	1.6	27
131	The Multivalent Effect in Glycosidase Inhibition: Probing the Influence of Architectural Parameters with Cyclodextrin-based Iminosugar Click Clusters. <i>Chemistry - A European Journal</i> , 2011, 17, 13825-13831.	1.7	93
132	Polycationic amphiphilic cyclodextrin-based nanoparticles for therapeutic gene delivery. <i>Nanomedicine</i> , 2011, 6, 1697-1707.	1.7	52
133	Di-fructose Dianhydride-Enriched Caramels: Effect on Colon Microbiota, Inflammation, and Tissue Damage in Trinitrobenzenesulfonic Acid-Induced Colitic Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6476-6484.	2.4	46
134	Fluorescent-tagged sp ² -iminosugars with potent β -glucosidase inhibitory activity. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7439-7445.	1.4	22
135	Insights in cellular uptake mechanisms of pDNA-polycationic amphiphilic cyclodextrin nanoparticles (CDplexes). <i>Journal of Controlled Release</i> , 2010, 143, 318-325.	4.8	85
136	A Fluorescent sp ² -iminosugar With Pharmacological Chaperone Activity for Gaucher Disease: Synthesis and Intracellular Distribution Studies. <i>ChemBioChem</i> , 2010, 11, 2453-2464.	1.3	47
137	Preorganized, Macromolecular, Gene-Delivery Systems. <i>Chemistry - A European Journal</i> , 2010, 16, 6728-6742.	1.7	108
138	Glycosidase Inhibition with Fullerene Iminosugar Balls: A Dramatic Multivalent Effect. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5753-5756.	7.2	174
139	(Pseudo)amide-linked oligosaccharide mimetics: molecular recognition and supramolecular properties. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 20.	1.3	35
140	Difuctose Dianhydrides (DFAs) and DFA-Enriched Products as Functional Foods. <i>Topics in Current Chemistry</i> , 2010, 294, 49-77.	4.0	36
141	Di-fructose Dianhydride-Enriched Products by Acid Ion-Exchange Resin-Promoted Caramelization of Fructose: Chemical Analyses. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1777-1787.	2.4	38
142	Comparative studies on lectin-carbohydrate interactions in low and high density homo- and heteroglycoclusters. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1849.	1.5	62
143	Synthesis of N-, S-, and C-glycoside castanospermine analogues with selective neutral β -glucosidase inhibitory activity as antitumour agents. <i>Chemical Communications</i> , 2010, 46, 5328.	2.2	71
144	Polycationic Amphiphilic Cyclodextrins for Gene Delivery: Synthesis and Effect of Structural Modifications on Plasmid DNA Complex Stability, Cytotoxicity, and Gene Expression. <i>Chemistry - A European Journal</i> , 2009, 15, 12871-12888.	1.7	96

#	ARTICLE	IF	CITATIONS
145	6-Amino-5,6-deoxy-5,6-diaza-2,6-octyliminomethylidene)nojirimycin: Synthesis, Biological Evaluation, and Crystal Structure in Complex with Acid Î²-Glucosidase. <i>ChemBioChem</i> , 2009, 10, 1480-1485.	1.3	44
146	Chaperone Activity of Bicyclic Nojirimycin Analogues for Gaucher Mutations in Comparison with (nonyl)Deoxynojirimycin. <i>ChemBioChem</i> , 2009, 10, 2780-2792.	1.3	82
147	Thermodynamics of the Dimer Formation of 2I,3I-O-(o-Xylylene)-per-O-Me-Î±-cyclodextrin: Fluorescence, Molecular Mechanics and Molecular Dynamics. <i>Journal of Fluorescence</i> , 2009, 19, 975-988.	1.3	19
148	Regioselective synthesis and biological evaluation of spiro-sulfamidate glycosides from exo-glycals. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1817-1823.	1.8	16
149	Generalized Anomeric Effect in gem-Diamines: Stereoselective Synthesis of Î±-N-Linked Disaccharide Mimics. <i>Organic Letters</i> , 2009, 11, 3306-3309.	2.4	34
150	Synthesis of Thiohydantoin-Castanospermine Glycomimetics as Glycosidase Inhibitors. <i>Journal of Organic Chemistry</i> , 2009, 74, 3595-3598.	1.7	28
151	Size-Tunable Trehalose-Based Nanocavities: Synthesis, Structure, and Inclusion Properties of Large-Ring Cyclotrehalans. <i>Journal of Organic Chemistry</i> , 2009, 74, 2997-3008.	1.7	20
152	Preorganized macromolecular gene delivery systems: amphiphilic Î²-cyclodextrin "click clusters". <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2681.	1.5	77
153	Multivalent iminosugars to modulate affinity and selectivity for glycosidases. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 357-363.	1.5	121
154	Glycosidase inhibition by ring-modified castanospermine analogues: tackling enzyme selectivity by inhibitor tailoring. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2738.	1.5	46
155	Molecular Basis for Î²-Glucosidase Inhibition by Ring-Modified Calystegine Analogues. <i>ChemBioChem</i> , 2008, 9, 2612-2618.	1.3	33
156	Synthesis and evaluation of sulfamide-type indolizidines as glycosidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2805-2808.	1.0	39
157	Stereoselective synthesis of nonsymmetrical difructose dianhydrides from xylylene-tethered d-fructose precursors. <i>Tetrahedron</i> , 2008, 64, 2792-2800.	1.0	9
158	Synthesis, Structure, and Inclusion Capabilities of Trehalose-Based Cyclodextrin Analogues (Cyclotrehalans). <i>Journal of Organic Chemistry</i> , 2008, 73, 2967-2979.	1.7	32
159	Study of the Conformational and Self-Aggregation Properties of 2I,3I-O-(o-Xylylene)-per-O-Me-Î±- and -Î²-cyclodextrins by Fluorescence and Molecular Modeling. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13717-13729.	1.2	29
160	Synthesis and Biological Evaluation of Guanidine-Type Iminosugars. <i>Journal of Organic Chemistry</i> , 2008, 73, 1995-1998.	1.7	28
161	Tailoring Î²-Cyclodextrin for DNA Complexation and Delivery by Homogeneous Functionalization at the Secondary Face. <i>Organic Letters</i> , 2008, 10, 5143-5146.	2.4	56
162	Rational design of cationic cyclooligosaccharides as efficient gene delivery systems. <i>Chemical Communications</i> , 2008, , 2001.	2.2	79

#	ARTICLE	IF	CITATIONS
163	Chemical and Enzymatic Approaches to Carbohydrate-Derived Spiroketal: Di-D-Fructose Dianhydrides (DFAs). <i>Molecules</i> , 2008, 13, 1640-1670.	1.7	33
164	Spacer-Mediated Synthesis of Bis-spiroketal Disaccharides: Nonsymmetrical Furanose-Pyranose Difructose Dianhydrides. <i>Synlett</i> , 2007, 2007, 2738-2742.	1.0	0
165	Synthesis of Thiourea-Linked Glycooligomers that Mimic the Branching Patterns of Natural Oligosaccharides. <i>Synthesis</i> , 2007, 2007, 2545-2558.	1.2	2
166	Synthesis of 1- and 2-Glycosyl Isothiocyanates via Oxazoline Intermediates. <i>Journal of Organic Chemistry</i> , 2007, 72, 4547-4550.	1.7	22
167	Promoting helicity in carbohydrate-containing foldamers through long-range hydrogen bonds. <i>Chemical Communications</i> , 2007, , 831-833.	2.2	13
168	Efficient Use of Ellman Safety-Catch Linker for Solid-Phase Assisted Synthesis of Multivalent Glycoconjugates. <i>ACS Combinatorial Science</i> , 2007, 9, 339-342.	3.3	13
169	Multi-Mannosides Based on a Carbohydrate Scaffold: Synthesis, Force Field Development, Molecular Dynamics Studies, and Binding Affinities for Lectin Con A. <i>Journal of Organic Chemistry</i> , 2007, 72, 9032-9045.	1.7	73
170	One-pot regioselective synthesis of 2I,3I-O-(o-xylylene)-capped cyclomaltooligosaccharides: tailoring the topology and supramolecular properties of cyclodextrins. <i>Chemical Communications</i> , 2007, , 3270.	2.2	41
171	Synthesis and biological evaluation of 6-oxa-nor-tropane glycomimetics as glycosidase inhibitors. <i>Tetrahedron</i> , 2007, 63, 7879-7884.	1.0	21
172	Trehalose-based cyclodextrin analogs: cyclotrehalans (CTs). <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 147-150.	1.6	7
173	Urea-, Thiourea-, and Guanidine-Linked Glycooligomers as Phosphate Binders in Water. <i>Journal of Organic Chemistry</i> , 2006, 71, 5136-5143.	1.7	82
174	The o-xylylene protecting group as an element of conformational control of remote stereochemistry in the synthesis of spiroketals. <i>Chemical Communications</i> , 2006, , 2610-2612.	2.2	23
175	Intramolecular Benzyl Protection Delivery: A Practical Synthesis of DMDP and DGDG from D-Fructose. <i>Organic Letters</i> , 2006, 8, 297-299.	2.4	30
176	Glyconanocavities: Cyclodextrins and Beyond. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2006, 56, 149-159.	1.6	39
177	The Synthesis and Structure of Linear and Dendritic Thiourea-Linked Glycooligomers. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 183-196.	1.2	9
178	Spacer-Mediated Synthesis of Contra-Thermodynamic Spiroacetals: A Stereoselective Synthesis of C2-Symmetric Difructose Dianhydrides. <i>Journal of Organic Chemistry</i> , 2006, 71, 2257-2266.	1.7	16
179	1,2,3-Triazoles and related glycoconjugates as new glycosidase inhibitors. <i>Tetrahedron</i> , 2005, 61, 9118-9128.	1.0	72
180	Synthesis and Comparative Glycosidase Inhibitory Properties of Reducing Castanospermine Analogues. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2903-2913.	1.2	36

#	ARTICLE	IF	CITATIONS
181	Probing Secondary Carbohydrate-Protein Interactions with Highly Dense Cyclodextrin-Centered Heteroglycoclusters: The Heterocluster Effect. <i>Journal of the American Chemical Society</i> , 2005, 127, 7970-7971.	6.6	123
182	Rigid Spacer-Mediated Synthesis of Bis-Spiroketal Ring Systems: Stereoselective Synthesis of Nonsymmetrical Spiro Disaccharides. <i>Organic Letters</i> , 2005, 7, 729-731.	2.4	15
183	Synthesis of Sugar Oxazolines by Intramolecular Ritter-Like Reaction of Fructose Precursors. <i>Synlett</i> , 2004, 2004, 2230-2232.	1.0	5
184	Synthesis of Calystegine B2, B3, and B4 Analogues: Mapping the Structure-Glycosidase Inhibitory Activity Relationships in the 1-Deoxy-6-oxacalystegine Series. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1803-1819.	1.2	38
185	Functional Evaluation of Carbohydrate-Centred Glycoclusters by Enzyme-Linked Lectin Assay: Ligands for Concanavalin A. <i>ChemBioChem</i> , 2004, 5, 771-777.	1.3	79
186	Carbohydrate-derived spiroketals: stereoselective synthesis of di-d-fructose dianhydrides. <i>Tetrahedron</i> , 2004, 60, 5899-5906.	1.0	19
187	A general entry to linear, dendritic and branched thiourea-linked glycooligomers as new motifs for phosphate ester recognition in water. <i>Chemical Communications</i> , 2004, , 92-93.	2.2	11
188	Pseudoamide-Type Pyrrolidine and Pyrrolizidine Glycomimetics and Their Inhibitory Activities against Glycosidases. <i>Journal of Organic Chemistry</i> , 2004, 69, 3578-3581.	1.7	48
189	Optimizing Saccharide-Directed Molecular Delivery to Biological Receptors: Design, Synthesis, and Biological Evaluation of Glycodendrimer-Cyclodextrin Conjugates. <i>Journal of the American Chemical Society</i> , 2004, 126, 10355-10363.	6.6	216
190	Carbohydrate-Derived Spiroketal: Stereoselective Synthesis of Di-d-fructose Dianhydrides via Intramolecular Aglycon Delivery. <i>Organic Letters</i> , 2003, 5, 873-876.	2.4	12
191	Synthesis and Evaluation of Isoarea-Type Glycomimetics Related to the Indolizidine and Trehazolin Glycosidase Inhibitor Families. <i>Journal of Organic Chemistry</i> , 2003, 68, 8890-8901.	1.7	58
192	Synthesis of (1S,2S,3R,8S,8aR)-1,2,3,8-Tetrahydroxy-6-oxa-5-thioxindolizidine: A Stable Reducing Swainsonine Analog with Controlled Anomeric Configuration. <i>Synlett</i> , 2003, 2003, 0341-0344.	1.0	1
193	Castanospermine-trehazolin hybrids: a new family of glycomimetics with tuneable glycosidase inhibitory properties Electronic supplementary data (ESI) available: full characterization data for the new compounds 7a-9, 11, 14-19. See http://www.rsc.org/suppdata/cc/b2/b200162d/ . <i>Chemical Communications</i> , 2002, , 848-849.	2.2	43
194	Cyclotrehalins: Cyclooligosaccharide Receptors Featuring a Hydrophobic Cavity. <i>Angewandte Chemie</i> , 2002, 114, 3826-3828.	1.6	5
195	Multivalent Cyclooligosaccharides: Versatile Carbohydrate Clusters with Dual Role as Molecular Receptors and Lectin Ligands. <i>Chemistry - A European Journal</i> , 2002, 8, 1982.	1.7	102
196	Cyclotrehalins: Cyclooligosaccharide Receptors Featuring a Hydrophobic Cavity. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3674-3676.	7.2	28
197	Carbohydrate Microarrays. <i>ChemBioChem</i> , 2002, 3, 819-822.	1.3	64
198	One-step synthesis of non-anomeric sugar isothiocyanates from sugar azides. <i>Carbohydrate Research</i> , 2002, 337, 2329-2334.	1.1	30

#	ARTICLE	IF	CITATIONS
199	Carbohydrate-Based Receptors with Multiple Thiourea Binding Sites. Multipoint Hydrogen Bond Recognition of Dicarboxylates and Monosaccharides. <i>Journal of Organic Chemistry</i> , 2001, 66, 1366-1372.	1.7	81
200	Synthesis and Evaluation of Calystegine B2 Analogues as Glycosidase Inhibitors. <i>Journal of Organic Chemistry</i> , 2001, 66, 7604-7614.	1.7	52
201	Carbohydrate-Derived Spiroketal. Stereoselective Synthesis of Di-d-fructose Dianhydrides by Boron Trifluoride Promoted Glycosylation. <i>Organic Letters</i> , 2001, 3, 549-552.	2.4	23
202	Dependence of Concanavalin A Binding on Anomeric Configuration, Linkage Type, and Ligand Multiplicity for Thiourea-Bridged Mannopyranosyl- β -Cyclodextrin Conjugates. <i>ChemBioChem</i> , 2001, 2, 777.	1.3	43
203	Synthesis of glycosyl(thio)ureido sugars via carbodiimides and their conformational behaviour in water. <i>Carbohydrate Research</i> , 2000, 326, 161-175.	1.1	33
204	Nitrogen versus sulfur acylation in sugar thioureas: regioselectivity and conformational consequences. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1331-1341.	1.8	16
205	Chemistry and developments of N-thiocarbonyl carbohydrate derivatives: Sugar isothiocyanates, thioamides, thioureas, thiocarbamates, and their conjugates. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2000, , 35-135.	0.4	69
206	Synthesis and comparative lectin-binding affinity of mannosyl-coated β -cyclodextrin-dendrimer constructs. <i>Chemical Communications</i> , 2000, , 1489-1490.	2.2	76
207	Generalized Anomeric Effect in Action: Synthesis and Evaluation of Stable Reducing Indolizidine Glycomimetics as Glycosidase Inhibitors. <i>Journal of Organic Chemistry</i> , 2000, 65, 136-143.	1.7	65
208	A Practical Amine-Free Synthesis of Symmetric Ureas and Thioureas by Self-Condensation of Iso(thio)cyanates. <i>Synthesis</i> , 1999, 1999, 1907-1914.	1.2	35
209	Polyhydroxylated N-(thio)carbonyl piperidines: nojirimycin-type glycomimetics with controlled anomeric configuration. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 4271-4275.	1.8	17
210	Synthesis and anomeric stability of (1 \rightarrow 6)-thiourea-linked pseudooligosaccharides. <i>Carbohydrate Research</i> , 1999, 320, 37-48.	1.1	32
211	Synthesis of 6,7-dideoxy-7-isothiocyanatoheptoses: stable fully unprotected monosaccharide isothiocyanates. <i>Carbohydrate Research</i> , 1999, 323, 218-225.	1.1	10
212	Sugar Thioureas as Anion Receptors. Effect of Intramolecular Hydrogen Bonding in the Carboxylate Binding Properties of Symmetric Sugar Thioureas. <i>Organic Letters</i> , 1999, 1, 1217-1220.	2.4	54
213	Synthesis and stereoelectronic properties of sugar-shaped polyhydroxylated hexahydropyrimidine-2-thiones. <i>Tetrahedron</i> , 1998, 54, 14123-14144.	1.0	8
214	Cyclodextrin-Scaffolded Glycoclusters. <i>Chemistry - A European Journal</i> , 1998, 4, 2523-2531.	1.7	53
215	Sulfur Atom Participation in Thiooligosaccharide Chemistry: Synthesis of 1 β -Thiotrehalulose and 1 β -epi-Thiotrehalulose and Comparative Reactivity with the O-Linked Disaccharide Analogue, Trehalulose. <i>Journal of Organic Chemistry</i> , 1998, 63, 3572-3580.	1.7	14
216	Synthesis of Calystegine B2 Analogs by Tandem Tautomerization-Intramolecular Glycosylation of Thioureidosugars. <i>Synlett</i> , 1998, 1998, 316-318.	1.0	25

#	ARTICLE	IF	CITATIONS
217	N-Thiocarbonyl azasugars: a new family of carbohydrate mimics with controlled anomeric configuration. <i>Chemical Communications</i> , 1997, , 1969.	2.2	51
218	Aza-Wittig reaction of sugar isothiocyanates and sugar iminophosphoranes: An easy entry to unsymmetrical sugar carbodiimides. <i>Tetrahedron Letters</i> , 1997, 38, 4161-4164.	0.7	33
219	Synthesis of (1 $\hat{\alpha}$ ' 6)-carbodiimide-tethered pseudooligosaccharides via aza-Wittig reaction. <i>Carbohydrate Research</i> , 1997, 304, 261-270.	1.1	29
220	The Thiocarbonyl Group in Carbohydrate Chemistry. <i>Sulfur Reports</i> , 1996, 19, 61-159.	0.7	39
221	Tautomeric rearrangement of 3-deoxy-3-thioureidoaldoses: a novel synthetic route to carbohydrate mimics having a cyclic thiourea structure. <i>Chemical Communications</i> , 1996, , 2077-2078.	2.2	8
222	Thioureido- $\hat{1}^2$ -cyclodextrins as molecular carriers. <i>Chemical Communications</i> , 1996, , 2741-2742.	2.2	23
223	Stereocontrolled synthesis of sulfur-linked analogues of the branched tetrasaccharide repeating-unit of the immunostimulant polysaccharide schizophyllan and of its $\hat{1}^2$ -(1 $\hat{\alpha}$ ' 3)-branched, $\hat{1}^2$ -(1 $\hat{\alpha}$ ' 3)-Tj ETQn 1 0.784314 rgB	1.0	14
224	Synthesis of sulfur-linked analogues of nigerose, laminarabiose, laminaratriose, gentiobiose, gentiotriose, and laminaran trisaccharide Y. <i>Carbohydrate Research</i> , 1996, 281, 99-118.	1.1	22
225	Influence of intramolecular hydrogen-bonding on the conformation of 3-deoxy-3-thioureido sugars. <i>Carbohydrate Research</i> , 1996, 286, 55-65.	1.1	7
226	Conformational energetics of sugar thioureas and synthesis of glycosyl thioureido sugars. <i>Tetrahedron</i> , 1996, 52, 12947-12970.	1.0	17
227	Isothiocyanates and cyclic thiocarbamates of $\hat{1}^{\pm}$, $\hat{1}^{\pm}\hat{\alpha}^2$ -trehalose, sucrose, and cyclomaltooligosaccharides. <i>Carbohydrate Research</i> , 1995, 268, 57-71.	1.1	85
228	A mild and efficient procedure to remove acetal and dithioacetal protecting groups in carbohydrate derivatives using 2,3-dichloro-5,6-dicyano-1,4-benzoquinone. <i>Carbohydrate Research</i> , 1995, 274, 263-268.	1.1	41
229	Synthesis, conformational flexibility and preliminary complexation behaviour of $\hat{1}^{\pm}$, $\hat{1}^{\pm}\hat{\alpha}^2$ -trehalose-based macrocycles containing thiourea spacers. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, .	2.0	32
230	O-Acetyl Protection of 6-Aminoaldopyranosides and 1-Aminoalditols. <i>Journal of Carbohydrate Chemistry</i> , 1995, 14, 1133-1152.	0.4	13
231	Synthesis and conformational properties of sugar amides and thioamides. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 2313-2324.	1.8	12
232	Influence of intramolecular hydrogen-bonding on the conformational properties of sugar thioureas. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 2325-2334.	1.8	19
233	1-Doxy-1-isothiocyanato-d-fructose as intermediate in syntheses of 1,3-O(S),N-heterocycles. <i>Carbohydrate Research</i> , 1994, 257, 127-135.	1.1	12
234	Enantiopure 2-Thioxotetrahydro-1,3-O,N-heterocycles from Carbohydrates. 3. Enantiopure C-4 Chiral Oxazine- and Oxazolidine-2-thiones from 3-Deoxy-3-isothiocyanato Sugars. <i>Journal of Organic Chemistry</i> , 1994, 59, 5565-5572.	1.7	32

#	ARTICLE	IF	CITATIONS
235	Building Blocks for Glycopeptide Synthesis. Disaccharide Glycosyl Isothiocyanates. Journal of Carbohydrate Chemistry, 1993, 12, 487-505.	0.4	32
236	Chiral 2-thioxotetrahydro-1,3-O,N-heterocycles from carbohydrates. 2. Stereocontrolled synthesis of oxazolidine pseudo-C-nucleosides and bicyclic oxazine-2-thiones. Journal of Organic Chemistry, 1993, 58, 5192-5199.	1.7	61
237	Chiral 2-thioxotetrahydro-1,3-O,N-heterocycles from carbohydrates. Tetrahedron Letters, 1992, 33, 3931-3934.	0.7	23
238	Syntheses of Î²-iodourea derivatives of carbohydrates and glycosylamino-oxazolines. Carbohydrate Research, 1992, 216, 21-32.	1.1	8
239	Syntheses and spectral properties of Î²-iodoureas and 4,4-diphenyl-oxazolines. Journal of Heterocyclic Chemistry, 1991, 28, 777-780.	1.4	3
240	Synthesis of N-Hetarylthiourea Derivatives of Carbohydrates. Journal of Carbohydrate Chemistry, 1990, 9, 837-851.	0.4	10
241	Syntheses of partially protected d-galactopyranosylthioureas: New d-galactopyranosylimidazoline-2-thiones and d-galactopyranosylaminothiazoles. Carbohydrate Research, 1989, 193, 314-321.	1.1	10
242	Synthesis of glycosylaminothiazoles. Carbohydrate Research, 1986, 153, 318-324.	1.1	16
243	Stereoselective Synthesis of Nojirimycin Î±-Glycosides from a Bicyclic Acyliminium Intermediate: A Convenient Entry to N-,C-Biantennary Glycomimetics. ACS Omega, 0, , .	1.6	2