

List of Publications by Year in descending order

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208
papers

11,322
citations

25034

57
h-index

37204

96
g-index

213
all docs

213
docs citations

213
times ranked

7795
citing authors

#	ARTICLE	IF	CITATIONS
1	What is the Sugar Code?. ChemBioChem, 2022, 23, .	2.6	20
2	Practical non-enzymatic synthesis of propargyl sialyl- β -(2-3 α -lactosamine trisaccharide using minimal protecting groups manipulation. Carbohydrate Research, 2022, 514, 108543.	2.3	1
3	Synthesis of exopolysaccharide-based organo-montmorillonite with improved affinity towards carbon dioxide and hydrophilic character. Comptes Rendus Chimie, 2022, 25, 217-225.	0.5	0
4	Optimized diffusion-convection compromise for reversible CO ₂ capture on hydroxylated organo-montmorillonite. Comptes Rendus Chimie, 2022, 25, 27-38.	0.5	0
5	Aberrant glycosylation patterns on cancer cells: Therapeutic opportunities for glycodendrimers/metallo-dendrimers oncology. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2021, 13, e1659.	6.1	12
6	Neuraminidases 1 and 3 Trigger Atherosclerosis by Desialylating Low-Density Lipoproteins and Increasing Their Uptake by Macrophages. Journal of the American Heart Association, 2021, 10, e018756.	3.7	29
7	Design, Synthetic Strategies, and Therapeutic Applications of Heterofunctional Glycodendrimers. Molecules, 2021, 26, 2428.	3.8	17
8	Host-guest chemistry of the sulfasalazine- β -cyclodextrin inclusion complex. Tetrahedron, 2021, 85, 132052.	1.9	9
9	Improving the Utility of a Dynorphin Peptide Analogue Using Mannosylated Glycoliposomes. International Journal of Molecular Sciences, 2021, 22, 7996.	4.1	4
10	Recent Development in the Design of Neoglycoliposomes Bearing Arborescent Architectures. Molecules, 2021, 26, 4281.	3.8	2
11	Recent development in the design of small drug-like and nanoscale glycomimetics against Escherichia coli infections. Drug Discovery Today, 2021, 26, 2124-2137.	6.4	10
12	Novel immunomodulatory properties of low dose cytarabine entrapped in a mannosylated cationic liposome. International Journal of Pharmaceutics, 2021, 606, 120849.	5.2	8
13	Synthesis of Galectin Inhibitors by Regioselective 3-O-Sulfation of Vanillin Lactosides Obtained under Phase Transfer Catalysis. Molecules, 2021, 26, 115.	3.8	3
14	Clay-catalyzed ozonation of endocrine-disrupting compounds in solvent-free media to better understand soil catalytic capacity. Dalton Transactions, 2020, 49, 16693-16706.	3.3	7
15	New insights in MgAl and MgFe-LDH affinity towards carbon dioxide role of the hydrophilic character on CO ₂ retention strength. Applied Clay Science, 2020, 198, 105829.	5.2	14
16	The Global Emergency of Novel Coronavirus (SARS-CoV-2): An Update of the Current Status and Forecasting. International Journal of Environmental Research and Public Health, 2020, 17, 5648.	2.6	49
17	Mannosylated glycoliposomes for the delivery of a peptide kappa opioid receptor antagonist to the brain. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 154, 290-296.	4.3	16
18	Dendrimers toward Translational Nanotherapeutics: Concise Key Step Analysis. Bioconjugate Chemistry, 2020, 31, 2060-2071.	3.6	38

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19	Organic Dye Ozonation Catalyzed by Chemically Modified Montmorillonite K10â€“ Role of Surface Basicity and Hydrophilic Character. <i>Ozone: Science and Engineering</i> , 2020, 42, 517-530.	2.5	12
20	Organically modified activated bentonites for the reversible capture of CO ₂ . <i>Microporous and Mesoporous Materials</i> , 2019, 290, 109652.	4.4	7
21	Characterization and Protective Activity of Monoclonal Antibodies Directed against <i>Streptococcus suis</i> Serotype 2 Capsular Polysaccharide Obtained Using a Glycoconjugate. <i>Pathogens</i> , 2019, 8, 139.	2.8	10
22	Comparative Study of Aryl O-, C-, and S-Mannopyranosides as Potential Adhesion Inhibitors toward Uropathogenic <i>E. coli</i> FimH. <i>Molecules</i> , 2019, 24, 3566.	3.8	8
23	NiTiFe and NiTiZn LDHs with affinity for hydrogenâ€“ Role of the surface basicity. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 7934-7942.	7.1	4
24	Exploration of biomedical dendrimer space based on in-vitro physicochemical parameters: key factor analysis (Part 1). <i>Drug Discovery Today</i> , 2019, 24, 1176-1183.	6.4	32
25	Exploration of biomedical dendrimer space based on in-vivo physicochemical parameters: Key factor analysis (Part 2). <i>Drug Discovery Today</i> , 2019, 24, 1184-1192.	6.4	29
26	Accelerated Synthesis of Surface Functionalized Mannosylated Dendrimers Built on Cyclotriphosphazene Core. <i>MRS Advances</i> , 2019, 4, 3187-3198.	0.9	0
27	CO ₂ capture by coal ash-derived zeolites- roles of the intrinsic basicity and hydrophilic character. <i>Journal of Alloys and Compounds</i> , 2019, 778, 866-877.	5.5	41
28	Acid-treated clay catalysts for organic dye ozonation â€“ Thorough mineralization through optimum catalyst basicity and hydrophilic character. <i>Journal of Hazardous Materials</i> , 2019, 364, 356-366.	12.4	64
29	Intrinsic affinity of acid-activated bentonite towards hydrogen and carbon dioxide. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7964-7972.	7.1	25
30	Synthesis of Analogs of Trans-Fagaramide and Their Cytotoxic Activity. <i>Pharmaceutical Chemistry Journal</i> , 2018, 51, 995-1004.	0.8	1
31	Chicken GRIFIN: Structural characterization in crystals and in solution. <i>Biochimie</i> , 2018, 146, 127-138.	2.6	11
32	Bench-to-bedside translation of dendrimers: Reality or utopia? A concise analysis. <i>Advanced Drug Delivery Reviews</i> , 2018, 136-137, 73-81.	13.7	47
33	Strengthening peptide-based drug activity with novel glyconanoparticle. <i>PLoS ONE</i> , 2018, 13, e0204472.	2.5	8
34	Development of Mannopyranoside Therapeutics against Adherent-Invasive <i>Escherichia coli</i> Infections. <i>Accounts of Chemical Research</i> , 2018, 51, 2937-2948.	15.6	23
35	Effect of Dendrimer Generation and Aglyconic Linkers on the Binding Properties of Mannosylated Dendrimers Prepared by a Combined Convergent and Onion Peel Approach. <i>Molecules</i> , 2018, 23, 1890.	3.8	18
36	Absolute quantitation of acetaminophenâ€“modified human serum albumin in acute liver failure patients by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1573-1582.	1.5	10

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37	“Onion peel”-glycodendrimer syntheses using mixed triazine and cyclotriphosphazene scaffolds. Canadian Journal of Chemistry, 2017, 95, 975-983.	1.1	13
38	Metal organoclays with compacted structure for truly physical capture of hydrogen. Applied Surface Science, 2017, 398, 116-124.	6.1	17
39	Teaming up synthetic chemistry and histochemistry for activity screening in galectin-directed inhibitor design. Histochemistry and Cell Biology, 2017, 147, 285-301.	1.7	38
40	Catalytic ozonation of Orange-G through highly interactive contributions of hematite and SBA-16 “To better understand azo-dye oxidation in nature. Chemosphere, 2017, 168, 1648-1657.	8.2	42
41	Assessment of the intrinsic interactions of mesoporous silica with carbon dioxide. Research on Chemical Intermediates, 2017, 43, 3775-3786.	2.7	23
42	Montmorillonite-supported PdO, FeO, CuO and AgO nanoparticles: Properties and affinity towards CO ₂ . Applied Surface Science, 2017, 402, 314-322.	6.1	21
43	Cu ⁰ -Loaded organo-montmorillonite with improved affinity towards hydrogen: an insight into matrix “metal and non-contact hydrogen”-metal interactions. Physical Chemistry Chemical Physics, 2017, 19, 29333-29343.	2.8	14
44	Preparation of dendrimer polyol/mesoporous silica nanocomposite for reversible CO ₂ adsorption: Effect of pore size and polyol content. Separation Science and Technology, 2017, 52, 2421-2428.	2.5	18
45	Dendrimers: syntheses, toxicity, and applications toward catalysis, environmental sciences, and nanomedicine. Canadian Journal of Chemistry, 2017, 95, v-vii.	1.1	6
46	Heterolayered hybrid dendrimers with optimized sugar head groups for enhancing carbohydrate “protein interactions. Polymer Chemistry, 2017, 8, 5354-5366.	3.9	22
47	Aminoxyolated Carbohydrates: Synthesis and Applications. Chemical Reviews, 2017, 117, 9839-9873.	47.7	24
48	Improved carbon dioxide storage over clay-supported perhydroxylated glucodendrimer. Canadian Journal of Chemistry, 2017, 95, 999-1007.	1.1	6
49	Sites for Dynamic Protein-Carbohydrate Interactions of O- and C-Linked Mannosides on the E. coli FimH Adhesin. Molecules, 2017, 22, 1101.	3.8	23
50	Synthesis of Dense and Chiral Dendritic Polyols Using Glyconanosynthon Scaffolds. Molecules, 2016, 21, 448.	3.8	9
51	Multivalent Carbohydrate-Lectin Interactions: How Synthetic Chemistry Enables Insights into Nanometric Recognition. Molecules, 2016, 21, 629.	3.8	58
52	Expedient synthesis of functional single-component glycoliposomes using thiol “yne chemistry. Journal of Materials Chemistry B, 2016, 4, 4227-4233.	5.8	15
53	Explaining the Serological Characteristics of Streptococcus suis Serotypes 1 and 1/2 from Their Capsular Polysaccharide Structure and Biosynthesis. Journal of Biological Chemistry, 2016, 291, 8387-8398.	3.4	30
54	Protection against Streptococcus suis Serotype 2 Infection Using a Capsular Polysaccharide Glycoconjugate Vaccine. Infection and Immunity, 2016, 84, 2059-2075.	2.2	33

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55	Low generation anionic dendrimers modulate islet amyloid polypeptide self-assembly and inhibit pancreatic Î²-cell toxicity. <i>RSC Advances</i> , 2016, 6, 76360-76369.	3.6	8
56	Cu ⁰ and Pd ⁰ loaded Organo-Bentonites as Sponge-like Matrices for Hydrogen Reversible Capture at Ambient Conditions. <i>ChemistrySelect</i> , 2016, 1, 1452-1461.	1.5	16
57	Insights in CO ₂ interaction on zeolite omega-supported polyol dendrimers. <i>Thermochimica Acta</i> , 2016, 624, 95-101.	2.7	23
58	Low generation polyamine dendrimers bearing flexible tetraethylene glycol as nanocarriers for plasmids and siRNA. <i>Nanoscale</i> , 2016, 8, 5106-5119.	5.6	24
59	Isotope labeled differential profiling of metabolites using <i>N</i> -benzoyloxysuccinimide derivatization coupled to liquid chromatography/high resolution tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1632-1640.	1.5	11
60	Total mineralization of sulfamethoxazole and aromatic pollutants through Fe ²⁺ -montmorillonite catalyzed ozonation. <i>Journal of Hazardous Materials</i> , 2015, 298, 338-350.	12.4	38
61	Glyconanosynthons as powerful scaffolds and building blocks for the rapid construction of multifaceted, dense and chiral dendrimers. <i>Chemical Society Reviews</i> , 2015, 44, 3924-3941.	38.1	51
62	Metal-Inorganic-Organic Matrices as Efficient Sorbents for Hydrogen Storage. <i>ChemSusChem</i> , 2015, 8, 800-803.	6.8	33
63	Dissecting Molecular Aspects of Cell Interactions Using Glycodendrimersomes with Programmable Glycan Presentation and Engineered Human Lectins. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4036-4040.	13.8	94
64	A fast track strategy toward highly functionalized dendrimers with different structural layers: an anion peel approach. <i>Polymer Chemistry</i> , 2015, 6, 1436-1444.	3.9	35
65	Engineering a Therapeutic Lectin by Uncoupling Mitogenicity from Antiviral Activity. <i>Cell</i> , 2015, 163, 746-758.	28.9	89
66	Multifaceted glycodendrimers with programmable bioactivity through convergent, divergent, and accelerated approaches using polyfunctional cyclotriphosphazenes. <i>Polymer Chemistry</i> , 2015, 6, 7666-7683.	3.9	30
67	TPD and DSC insights in the basicity of MCM-48-like silica and modified counterparts. <i>Thermochimica Acta</i> , 2015, 600, 52-61.	2.7	13
68	A guide into glycosciences: How chemistry, biochemistry and biology cooperate to crack the sugar code. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 186-235.	2.4	188
69	Defining the Potential of Aglycone Modifications for Affinity/Selectivity Enhancement against Medically Relevant Lectins: Synthesis, Activity Screening, and HSQC-Based NMR Analysis. <i>ChemBioChem</i> , 2015, 16, 126-139.	2.6	16
70	Murine Whole-Blood Opsonophagocytosis Assay to Evaluate Protection by Antibodies Raised Against Encapsulated Extracellular Bacteria. <i>Methods in Molecular Biology</i> , 2015, 1331, 81-92.	0.9	7
71	Direct targeted glycation of the free sulfhydryl group of cysteine residue (Cys ³⁴) of BSA. Mapping of the glycation sites of the anti-tumor Thomsen-Friedenreich neoglycoconjugate vaccine prepared by Michael addition reaction. <i>Journal of Mass Spectrometry</i> , 2014, 49, 1223-1233.	1.6	6
72	Synthesis and solvodynamic diameter measurements of closely related mannodendrimers for the study of multivalent carbohydrate-protein interactions. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1524-1535.	2.2	14

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73	A highly versatile convergent/divergent "onion peel" synthetic strategy toward potent multivalent glycodendrimers. <i>Chemical Communications</i> , 2014, 50, 13300-13303.	4.1	54
74	Efficient and accelerated growth of multifunctional dendrimers using orthogonal thiol-ene and SN2 reactions. <i>Chemical Communications</i> , 2014, 50, 1983.	4.1	48
75	"Onion peel" dendrimers: a straightforward synthetic approach towards highly diversified architectures. <i>Polymer Chemistry</i> , 2014, 5, 4321-4331.	3.9	59
76	Mimicking Biological Membranes with Programmable Glycan Ligands Self-Assembled from Amphiphilic Janus Glycodendrimers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10899-10903.	13.8	99
77	Study of the Structural and Dynamic Effects in the FimH Adhesin upon \pm -Heptyl Mannose Binding. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1416-1427.	6.4	43
78	Total removal of oxalic acid via synergistic parameter interaction in montmorillonite catalyzed ozonation. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 20-30.	6.7	22
79	Significant Other Half of a Glycoconjugate: Contributions of Scaffolds to Lectin-Glycoconjugate Interactions. <i>Biochemistry</i> , 2014, 53, 4445-4454.	2.5	17
80	Glycoconjugate Vaccines Used for Prevention from Biological Agents: Tandem Mass Spectrometric Analysis. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2014, , 233-274.	0.5	1
81	Preparation and characterization of hydrophilic organo-montmorillonites through incorporation of non-ionic polyglycerol dendrimers derived from soybean oil. <i>Materials Research Bulletin</i> , 2013, 48, 3466-3473.	5.2	32
82	Aromatic thioglycoside inhibitors against the virulence factor LecA from <i>Pseudomonas aeruginosa</i> . <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6906.	2.8	81
83	Multivalent scaffolds in glycoscience: an overview. <i>Chemical Society Reviews</i> , 2013, 42, 4515.	38.1	55
84	OH-enriched organo-montmorillonites for potential applications in carbon dioxide separation and concentration. <i>Separation and Purification Technology</i> , 2013, 108, 181-188.	7.9	59
85	Correlation between the hydrophilic character and affinity towards carbon dioxide of montmorillonite-supported polyalcohols. <i>Journal of Colloid and Interface Science</i> , 2013, 402, 215-222.	9.4	38
86	Truly reversible capture of CO ₂ by montmorillonite intercalated with soya oil-derived polyglycerols. <i>International Journal of Greenhouse Gas Control</i> , 2013, 17, 140-147.	4.6	53
87	Multivalent glycoconjugate syntheses and applications using aromatic scaffolds. <i>Chemical Society Reviews</i> , 2013, 42, 4657.	38.1	223
88	How do multivalent glycodendrimers benefit from sulfur chemistry?. <i>Chemical Society Reviews</i> , 2013, 42, 4823.	38.1	69
89	Modular Synthesis of Amphiphilic Janus Glycodendrimers and Their Self-Assembly into Glycodendrimersomes and Other Complex Architectures with Bioactivity to Biomedically Relevant Lectins. <i>Journal of the American Chemical Society</i> , 2013, 135, 9055-9077.	13.7	261
90	Validation of Reactivity Descriptors to Assess the Aromatic Stacking within the Tyrosine Gate of FimH. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 1085-1090.	2.8	34

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91	Polyol-modified layered double hydroxides with attenuated basicity for a truly reversible capture of CO ₂ . <i>Adsorption</i> , 2013, 19, 909-918.	3.0	35
92	Glycodendrimers: versatile tools for nanotechnology. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 85-108.	1.2	49
93	Concanavalin-A-induced autophagy biomarkers requires membrane type-1 matrix metalloproteinase intracellular signaling in glioblastoma cells. <i>Glycobiology</i> , 2012, 22, 1245-1255.	2.5	54
94	Galectin-1-Specific Inhibitors as a New Class of Compounds To Treat HIV-1 Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 154-162.	3.2	34
95	Diazo Transfer and Click Chemistry in the Solid Phase Syntheses of Lysine-Based Glycodendrimers as Antagonists against <i>Escherichia coli</i> FimH. <i>Molecular Pharmaceutics</i> , 2012, 9, 394-403.	4.6	38
96	The Tyrosine Gate as a Potential Entropic Lever in the Receptor-Binding Site of the Bacterial Adhesin FimH. <i>Biochemistry</i> , 2012, 51, 4790-4799.	2.5	67
97	Glycodendrimer coated gold nanoparticles for proteins detection based on surface energy transfer process. <i>RSC Advances</i> , 2012, 2, 985-991.	3.6	18
98	Glycodendrimers as functional antigens and antitumor vaccines. <i>New Journal of Chemistry</i> , 2012, 36, 324-339.	2.8	84
99	Fluorinated Carbohydrates as Lectin Ligands: Biorelevant Sensors with Capacity to Monitor Anomer Affinity in ¹⁹ F NMR-Based Inhibitor Screening. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4354-4364.	2.4	20
100	Enantioselective de Novo Synthesis of 4-Deoxy-d-hexopyranoses via Hetero-Diels-Alder Cycloadditions: Total Synthesis of Ezoaminuroic Acid and Neosidomycin. <i>Journal of Organic Chemistry</i> , 2011, 76, 9687-9698.	3.2	7
101	Hexaphenylbenzene as a Rigid Template for the Straightforward Syntheses of Star-Shaped Glycodendrimers. <i>Journal of Organic Chemistry</i> , 2011, 76, 724-727.	3.2	47
102	The Impacts of Synthetic Chemistry on Human Health. , 2011, , 159-188.		0
103	Synthesis of a small library of bivalent β -d-mannopyranosides for lectin cross-linking. <i>Carbohydrate Research</i> , 2011, 346, 1479-1489.	2.3	23
104	Combining Glycomimetic and Multivalent Strategies toward Designing Potent Bacterial Lectin Inhibitors. <i>Chemistry - A European Journal</i> , 2011, 17, 6545-6562.	3.3	94
105	Multivalent Presentation of Mannose on Hyperbranched Polyglycerol and their Interaction with Concanavalin A Lectin. <i>ChemBioChem</i> , 2011, 12, 1075-1083.	2.6	41
106	Inhibitory potential of chemical substitutions at bioinspired sites of β -d-galactopyranose on neoglycoprotein/cell surface binding of two classes of medically relevant lectins. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3280-3287.	3.0	49
107	Organic Chemistry and Immunochemical Strategies in the Design of Potent Carbohydrate-based Vaccines. <i>Chimia</i> , 2011, 65, 24.	0.6	22
108	In vitro cytotoxic activity of isolated acridones alkaloids from <i>Zanthoxylum leprieurii</i> Guill. et Perr. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3601-3605.	3.0	55

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109	Structural basis of the affinity for oligomannosides and analogs displayed by BC2L-A, a Burkholderia cenocepacia soluble lectin. <i>Glycobiology</i> , 2010, 20, 87-98.	2.5	48
110	Synthesis and screening of a small glycomimetic library for inhibitory activity on medically relevant galactoside-specific lectins in assays of increasing biorelevance. <i>New Journal of Chemistry</i> , 2010, 34, 2229.	2.8	36
111	Carbon dioxide retention over montmorilloniteâ€dendrimer materials. <i>Applied Clay Science</i> , 2010, 48, 133-137.	5.2	58
112	Carbohydrate-coated lanthanide-doped upconverting nanoparticles for lectin recognition. <i>Journal of Materials Chemistry</i> , 2010, 20, 7543.	6.7	98
113	Design and Creativity in Synthesis of Multivalent Neoglycoconjugates. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2010, 63, 165-393.	0.9	296
114	Catalytic synthesis of novel 4-C-glycosyl coumarins using a domino Heck reaction/lactonization process. <i>Tetrahedron Letters</i> , 2009, 50, 4254-4257.	1.4	18
115	TPD study of the reversible retention of carbon dioxide over montmorillonite intercalated with polyol dendrimers. <i>Thermochimica Acta</i> , 2009, 496, 45-49.	2.7	51
116	Domino Heck/Lactonization-Catalyzed Synthesis of 3-C-Linked Mannopyranosyl Coumarins. <i>Journal of Organic Chemistry</i> , 2009, 74, 8480-8483.	3.2	21
117	Development, Characterization, and Immunotherapeutic Use of Peptide Mimics of the Thomsen-Friedenreich Carbohydrate Antigen. <i>Neoplasia</i> , 2009, 11, 780-792.	5.3	38
118	Glycomimetics and Glycodendrimers as High Affinity Microbial Antiâ€adhesins. <i>Chemistry - A European Journal</i> , 2008, 14, 7490-7499.	3.3	235
119	Synthesis of stable and selective inhibitors of human galectins-1 and -3. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7811-7823.	3.0	71
120	First Synthesis of â€Majoral-Typeâ€ Glycodendrimers Bearing Covalently Bound Î±-d-Mannopyranoside Residues onto a Hexachlorocyclotriphosphazene Core. <i>Journal of Organic Chemistry</i> , 2008, 73, 9292-9302.	3.2	49
121	Expeditive Synthesis of Glycodendrimer Scaffolds Based on Versatile TRIS and Mannoside Derivatives. <i>Journal of Organic Chemistry</i> , 2008, 73, 5602-5605.	3.2	92
122	T-Cell Immunity of Carbohydrates. <i>ACS Symposium Series</i> , 2008, , 1-19.	0.5	4
123	<i>Haemophilus influenzae</i> Type b Conjugate Vaccine with a Synthetic Capsular Polysaccharide Antigen: Chemical View. <i>ACS Symposium Series</i> , 2008, , 71-84.	0.5	2
124	Recent Trends in Glycodendrimer Syntheses and Applications. <i>Current Topics in Medicinal Chemistry</i> , 2008, 8, 1237-1285.	2.1	212
125	Glycosylation of HIV-1 gp120 V3 Loop: Towards the Rational Design of a Synthetic Carbohydrate Vaccine. <i>Current Medicinal Chemistry</i> , 2007, 14, 3232-3242.	2.4	34
126	Glycodendrimers as Anti-Adhesion Drugs Against Type 1 Fimbriated E. coli Uropathogenic Infections. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007, 7, 1270-1283.	2.4	84

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127	En route to a carbohydrate-based vaccine against <i>Burkholderia cepacia</i> . <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2704.	2.8	22
128	Synthesis and binding properties of divalent and trivalent clusters of the Lewis a disaccharide moiety to <i>Pseudomonas aeruginosa</i> lectin PA-III. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2953.	2.8	58
129	Synthesis of glycodendrimers containing both fucoside and galactoside residues and their binding properties to Pa-IL and PA-III lectins from <i>Pseudomonas aeruginosa</i> . <i>New Journal of Chemistry</i> , 2007, 31, 1321.	2.8	93
130	Tri- and hexavalent mannoside clusters as potential inhibitors of type 1 fimbriated bacteria using pentaerythritol and triazole linkages. <i>Chemical Communications</i> , 2007, , 380-382.	4.1	56
131	Mannosylated G(0) Dendrimers with Nanomolar Affinities to <i>Escherichia coli</i> FimH. <i>ChemMedChem</i> , 2007, 2, 1190-1201.	3.2	166
132	X-ray Structures and Thermodynamics of the Interaction of PA-III from <i>Pseudomonas aeruginosa</i> with Disaccharide Derivatives. <i>ChemMedChem</i> , 2007, 2, 1328-1338.	3.2	61
133	N-Arylimidazole synthesis by cross-cycloaddition of isocyanides using a novel catalytic system. <i>Tetrahedron</i> , 2007, 63, 4912-4917.	1.9	45
134	Practical synthesis of valuable d-rhamnoside building blocks for oligosaccharide synthesis. <i>Tetrahedron Letters</i> , 2007, 48, 2385-2388.	1.4	15
135	Inhibition of Spontaneous Breast Cancer Metastasis by Anti- α -Thomsen-Friedenreich Antigen Monoclonal Antibody JAA-F11. <i>Neoplasia</i> , 2006, 8, 939-948.	5.3	84
136	Subtle Stereochemical and Electronic Effects in Iridium-Catalyzed Isomerization of C-Allyl Glycosides. <i>Organic Letters</i> , 2006, 8, 2691-2694.	4.6	15
137	Carbohydrate triazoles and isoxazoles as inhibitors of galectins-1 and -3. <i>Chemical Communications</i> , 2006, , 2379-2381.	4.1	96
138	Inhibition of MMP-2 secretion from brain tumor cells suggests chemopreventive properties of a furanocoumarin glycoside and of chalcones isolated from the twigs of <i>Dorstenia turbinata</i> . <i>Phytochemistry</i> , 2006, 67, 2573-2579.	2.9	60
139	Aryl O- and S-galactosides and lactosides as specific inhibitors of human galectins-1 and -3: Role of electrostatic potential at O-3. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1668-1672.	2.2	61
140	A First QSAR Model for Galectin-3 Glycomimetic Inhibitors Based on 3D Docked Structures. <i>Medicinal Chemistry</i> , 2006, 2, 481-489.	1.5	21
141	Effects of Linker Rigidity and Orientation of Mannoside Cluster for Multivalent Interactions with Proteins. <i>ACS Symposium Series</i> , 2005, , 137-150.	0.5	13
142	Thermodynamic, Kinetic, and Electron Microscopy Studies of Concanavalin A and <i>Dioclea grandiflora</i> Lectin Cross-linked with Synthetic Divalent Carbohydrates. <i>Journal of Biological Chemistry</i> , 2005, 280, 8640-8646.	3.4	62
143	A Synthetic Conjugate Polysaccharide Vaccine Against <i>Haemophilus influenzae</i> Type b. <i>Science</i> , 2004, 305, 522-525.	12.6	444
144	Galectin-3 Precipitates as a Pentamer with Synthetic Multivalent Carbohydrates and Forms Heterogeneous Cross-linked Complexes. <i>Journal of Biological Chemistry</i> , 2004, 279, 10841-10847.	3.4	440

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