

Roland J Pieters

List of Publications by Year in descending order

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151
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6,334
citations

66343

42
h-index

76900

74
g-index

172
all docs

172
docs citations

172
times ranked

5959
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanobody-Based Bispecific Neutralizer for Shiga Toxin-Producing <i>E.Âcoli</i> . ACS Infectious Diseases, 2022, 8, 321-329.	3.8	6
2	Modulation of the Epithelial-Immune Cell Crosstalk and Related Galectin Secretion by DP3-5 Galacto-Oligosaccharides and Î²-3â€²Galactosyllactose. Biomolecules, 2022, 12, 384.	4.0	4
3	Discovery of a New Drug-like Series of OGT Inhibitors by Virtual Screening. Molecules, 2022, 27, 1996.	3.8	3
4	Preventing Influenza A Virus Infection by Mixed Inhibition of Neuraminidase and Hemagglutinin by Divalent Inhibitors. Journal of Medicinal Chemistry, 2022, 65, 7312-7323.	6.4	1
5	Câ€²terminal Tag Location Hampers in Vitro Profiling of OGT Peptide Substrates by mRNA Display. ChemBioChem, 2021, 22, 666-671.	2.6	1
6	Design and Development of Divalent Lectin Ligands. , 2021, , 405-413.		0
7	Overview of the Assays to Probe O-Linked Î²-N-Acetylglucosamine Transferase Binding and Activity. Molecules, 2021, 26, 1037.	3.8	4
8	Non-Digestible Oligosaccharides and Short Chain Fatty Acids as Therapeutic Targets against Enterotoxin-Producing Bacteria and Their Toxins. Toxins, 2021, 13, 175.	3.4	27
9	Multivalency effects in neuraminidase inhibitor design for influenza virus. Arkivoc, 2021, 2021, 297-312.	0.5	5
10	Fighting Shigella by Blocking Its Disease-Causing Toxin. Journal of Medicinal Chemistry, 2021, 64, 6059-6069.	6.4	7
11	New Quinolinone O-GlcNAc Transferase Inhibitors Based on Fragment Growth. Frontiers in Chemistry, 2021, 9, 666122.	3.6	6
12	Differential effects of oligosaccharides on the effectiveness of ampicillin against Escherichia coli in vitro. PharmaNutrition, 2021, 16, 100264.	1.7	7
13	Limited Lactosylation of Beta-Lactoglobulin from Cowâ€™s Milk Exerts Strong Influence on Antigenicity and Degranulation of Mast Cells. Nutrients, 2021, 13, 2041.	4.1	8
14	The assessment of <i>Pseudomonas aeruginosa</i> lectin LecA binding characteristics of divalent galactosides using multiple techniques. Glycobiology, 2021, 31, 1490-1499.	2.5	7
15	Biochemical and structural studies of target lectin SapL1 from the emerging opportunistic microfungus Scedosporium apiospermum. Scientific Reports, 2021, 11, 16109.	3.3	4
16	Antimicrobial Activities of Alginate and Chitosan Oligosaccharides Against Staphylococcus aureus and Group B Streptococcus. Frontiers in Microbiology, 2021, 12, 700605.	3.5	31
17	Functions and Inhibition of Galectin-7, an Emerging Target in Cellular Pathophysiology. Biomolecules, 2021, 11, 1720.	4.0	10
18	Internalization and Transport of PEGylated Lipid-Based Mixed Micelles across Caco-2 Cells Mediated by Scavenger Receptor B1. Pharmaceutics, 2021, 13, 2022.	4.5	1

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19	A hybrid polymer to target blood group dependence of cholera toxin. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 52-55.	2.8	8
20	Carbohydrate-protein interactions: Enhancing multivalency effects through statistical rebinding. , 2020, , 383-402.		2
21	Intracellular Hydrolysis of Small-Molecule O-Linked N-Acetylglucosamine Transferase Inhibitors Differs among Cells and Is Not Required for Its Inhibition. <i>Molecules</i> , 2020, 25, 3381.	3.8	3
22	Benefits of Collisional Cross Section Assisted Precursor Selection (caps-PASEF) for Cross-linking Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1677-1687.	3.8	36
23	Anti-Pathogenic Functions of Non-Digestible Oligosaccharides In Vitro. <i>Nutrients</i> , 2020, 12, 1789.	4.1	45
24	PhoX: An IMAC-Enrichable Cross-Linking Reagent. <i>ACS Central Science</i> , 2019, 5, 1514-1522.	11.3	100
25	Hybrid ligands with calixarene and thiodigalactoside groups: galectin binding and cytotoxicity. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2981-2990.	4.5	4
26	Finding and using diagnostic ions in collision induced crosslinked peptide fragmentation spectra. <i>International Journal of Mass Spectrometry</i> , 2019, 444, 116184.	1.5	7
27	Assembly of Divalent Ligands and Their Effect on Divalent Binding to <i>Pseudomonas aeruginosa</i> Lectin LecA. <i>Journal of Organic Chemistry</i> , 2019, 84, 2470-2488.	3.2	27
28	Lactulose synergizes with CpG-ODN to modulate epithelial and immune cells cross talk. <i>Food and Function</i> , 2019, 10, 33-37.	4.6	6
29	Enhanced Inhibition of Influenza A Virus Adhesion by Di- and Trivalent Hemagglutinin Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6398-6404.	6.4	23
30	A "catch-and-release"™ receptor for the cholera toxin. <i>Faraday Discussions</i> , 2019, 219, 112-127.	3.2	7
31	Study of cross talk between phosphatases and OGA on a ZO-3-derived peptide. <i>Amino Acids</i> , 2019, 51, 739-743.	2.7	5
32	Tetravalent <i>Pseudomonas aeruginosa</i> Adhesion Lectin LecA Inhibitor for Enhanced Biofilm Inhibition. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900014.	1.6	8
33	Carbohydrate-protein interactions and multivalency: implications for the inhibition of influenza A virus infections. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 387-395.	5.0	33
34	Tailoring the inhibitory versus chaperoning behavior of amphiphilic sp-aminosugar glycomimetics targeting α -1,2-glucocerebrosidase: From micromolar to picomolar chaperones for Gaucher disease. <i>Molecular Genetics and Metabolism</i> , 2019, 126, S58.	1.1	0
35	Fluorescent Trimeric Hemagglutinins Reveal Multivalent Receptor Binding Properties. <i>Journal of Molecular Biology</i> , 2019, 431, 842-856.	4.2	36
36	Strong Inhibition of Cholera Toxin B Subunit by Affordable, Polymer-Based Multivalent Inhibitors. <i>Bioconjugate Chemistry</i> , 2019, 30, 785-792.	3.6	20

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37	Thiodigalactoside–Bovine Serum Albumin Conjugates as High-Potency Inhibitors of Galectin-3: An Outstanding Example of Multivalent Presentation of Small Molecule Inhibitors. <i>Bioconjugate Chemistry</i> , 2018, 29, 1266-1275.	3.6	29
38	The Role of Excipients in the Stability of Triamcinolone Acetonide in Ointments. <i>AAPS PharmSciTech</i> , 2018, 19, 1448-1453.	3.3	3
39	Inhibition of <i>O</i> -GlcNAc transferase (OGT) by peptidic hybrids. <i>MedChemComm</i> , 2018, 9, 883-887.	3.4	19
40	Demystifying <i>O</i> -GlcNAcylation: hints from peptide substrates. <i>Glycobiology</i> , 2018, 28, 814-824.	2.5	10
41	Topically used corticosteroids: What is the big picture of drug product degradation?. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 1-7.	4.0	1
42	<i>In vitro</i> studies on galectin-3 in human natural killer cells. <i>Immunology Letters</i> , 2018, 194, 4-12.	2.5	29
43	Rationally Designed Chemically Modified Glycodendrimer Inhibits <i>Streptococcus suis</i> Adhesin SadP at Picomolar Concentrations. <i>Chemistry - A European Journal</i> , 2018, 24, 1905-1912.	3.3	11
44	Affinity capillary electrophoresis for the assessment of binding affinity of carbohydrate-based cholera toxin inhibitors. <i>Electrophoresis</i> , 2018, 39, 344-347.	2.4	11
45	Probing the Inhibitor versus Chaperone Properties of sp ² -Iminosugars towards Human β -2-Glucocerebrosidase: A Picomolar Chaperone for Gaucher Disease. <i>Molecules</i> , 2018, 23, 927.	3.8	30
46	Peptide microarray analysis of the cross-talk between <i>O</i> -GlcNAcylation and tyrosine phosphorylation. <i>FEBS Letters</i> , 2017, 591, 1872-1883.	2.8	18
47	Measuring <i>O</i> -GlcNAc cleavage by OGA and cell lysates on a peptide microarray. <i>Analytical Biochemistry</i> , 2017, 532, 12-18.	2.4	8
48	<i>N</i> -Guanidino Derivatives of 1,5-Dideoxy-1,5-imino- <i>D</i> -xylitol are Potent, Selective, and Stable Inhibitors of β -2-Glucocerebrosidase. <i>ChemMedChem</i> , 2017, 12, 483-486.	3.2	10
49	Orthoester functionalized <i>N</i> -guanidino derivatives of 1,5-dideoxy-1,5-imino- <i>D</i> -xylitol as pH-responsive inhibitors of β -2-glucocerebrosidase. <i>MedChemComm</i> , 2017, 8, 2050-2054.	3.4	6
50	Bicyclic isoureas derived from 1-deoxynojirimycin are potent inhibitors of β -2-glucocerebrosidase. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8670-8673.	2.8	15
51	Galectin-3 Binding Glycomimetics that Strongly Reduce Bleomycin-Induced Lung Fibrosis and Modulate Intracellular Glycan Recognition. <i>ChemBioChem</i> , 2016, 17, 1759-1770.	2.6	145
52	Functional Characterization of Cholera Toxin Inhibitors Using Human Intestinal Organoids. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 6968-6972.	6.4	41
53	Site-specific conjugation of single domain antibodies to liposomes enhances photosensitizer uptake and photodynamic therapy efficacy. <i>Nanoscale</i> , 2016, 8, 6490-6494.	5.6	37
54	Activity Based High-Throughput Screening for Novel <i>O</i> -GlcNAc Transferase Substrates Using a Dynamic Peptide Microarray. <i>PLoS ONE</i> , 2016, 11, e0151085.	2.5	21

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55	Functionalization of a Rigid Divalent Ligand for LecA, a Bacterial Adhesion Lectin. <i>ChemistryOpen</i> , 2015, 4, 463-470.	1.9	11
56	Tetra- versus Pentavalent Inhibitors of Cholera Toxin. <i>ChemistryOpen</i> , 2015, 4, 471-477.	1.9	14
57	Thiourea-based spacers in potent divalent inhibitors of <i>Pseudomonas aeruginosa</i> virulence lectin LecA. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10923-10928.	2.8	9
58	Structural Insight into Multivalent Galactoside Binding to <i>Pseudomonas aeruginosa</i> Lectin LecA. <i>ACS Chemical Biology</i> , 2015, 10, 2455-2462.	3.4	52
59	A Proteinaceous Fraction of Wheat Bran May Interfere in the Attachment of Enterotoxigenic <i>E. Coli</i> K88 (F4+) to Porcine Epithelial Cells. <i>PLoS ONE</i> , 2014, 9, e104258.	2.5	10
60	Convenient Stereoselective Synthesis of Substituted Ureido Glycosides Using Stable 4-Chlorophenylcarbamates without the Requirement of Lewis Acids. <i>Synlett</i> , 2014, 25, 205-208.	1.8	0
61	New properties of wheat bran: anti-biofilm activity and interference with bacteria quorum-sensing systems. <i>Environmental Microbiology</i> , 2014, 16, 1346-1353.	3.8	24
62	Cross-platform comparison of glycan microarray formats. <i>Glycobiology</i> , 2014, 24, 507-517.	2.5	114
63	Towards bacterial adhesion-based therapeutics and detection methods. <i>MedChemComm</i> , 2014, 5, 1027-1035.	3.4	23
64	SITE-SPECIFIC FUNCTIONALIZATION OF PROTEINS AND THEIR APPLICATIONS TO THERAPEUTIC ANTIBODIES. <i>Computational and Structural Biotechnology Journal</i> , 2014, 9, e201402001.	4.1	39
65	Uptake and Transport of Superparamagnetic Iron Oxide Nanoparticles through Human Brain Capillary Endothelial Cells. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1352-1360.	3.5	70
66	Tuning the Preference of Thiodigalactoside- and Lactosamine-Based Ligands to Galectin-3 over Galectin-1. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 1350-1354.	6.4	62
67	Multivalent glycoconjugates as anti-pathogenic agents. <i>Chemical Society Reviews</i> , 2013, 42, 4709-4727.	38.1	464
68	Development of a microarray detection method for galectin cancer proteins based on ligand binding. <i>Analytical Biochemistry</i> , 2013, 434, 99-104.	2.4	6
69	Glycosidase inhibition by novel guanidinium and urea iminosugar derivatives. <i>MedChemComm</i> , 2013, 4, 387-393.	3.4	22
70	Bridging lectin binding sites by multivalent carbohydrates. <i>Chemical Society Reviews</i> , 2013, 42, 4492.	38.1	190
71	Optimizing Divalent Inhibitors of <i>Pseudomonas aeruginosa</i> Lectin LecA by Using A Rigid Spacer. <i>Chemistry - A European Journal</i> , 2013, 19, 16923-16927.	3.3	65
72	Efficient synthesis of phenylene-ethynylene rods and their use as rigid spacers in divalent inhibitors. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 215-222.	2.2	20

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73	Use of Tetravalent Galabiose for Inhibition of Streptococcus Suis Serotype 2 Infection in a Mouse Model. <i>Biology</i> , 2013, 2, 702-718.	2.8	9
74	Bacterial Adhesion of Streptococcus suis to Host Cells and Its Inhibition by Carbohydrate Ligands. <i>Biology</i> , 2013, 2, 918-935.	2.8	17
75	Functional assay for shiga-like toxin via detection by antibody capture and multivalent galabiose binding. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7448-7450.	2.2	1
76	Enhancing membrane disruption by targeting and multivalent presentation of antimicrobial peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2171-2174.	2.6	33
77	Potent divalent inhibitors with rigid glucose click spacers for Pseudomonas aeruginosa lectin LecA. <i>Chemical Communications</i> , 2012, 48, 4008.	4.1	73
78	Enhanced Membrane Pore Formation through High-Affinity Targeted Antimicrobial Peptides. <i>PLoS ONE</i> , 2012, 7, e39768.	2.5	51
79	Synthesis and antifungal properties of papulacandin derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 732-737.	2.2	30
80	Synthesis and evaluation of novel macrocyclic antifungal peptides. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6505-6517.	3.0	15
81	Enhanced Inhibition of Protein Carbohydrate Interactions by Dendritic Multivalent Glycoligands. <i>ACS Symposium Series</i> , 2011, , 91-103.	0.5	1
82	Carbohydrate Mediated Bacterial Adhesion. <i>Advances in Experimental Medicine and Biology</i> , 2011, 715, 227-240.	1.6	50
83	Direct Structural Comparison of a Rigid Cyclic Peptidic Scaffold Using Crystallography and NMR in Strained PH Polymer Gels. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4501-4507.	2.4	5
84	Rapid Screening of Lectins for Multivalency Effects with a Glycodendrimer Microarray. <i>ChemBioChem</i> , 2010, 11, 1896-1904.	2.6	65
85	Nanomolar affinity, iminosugar-based chemical probes for specific labeling of lysosomal glucocerebrosidase. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 267-273.	3.0	24
86	Detection of pathogenic Streptococcus suis bacteria using magnetic glycoparticles. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2425.	2.8	46
87	The Influence of Ligand Valency on Aggregation Mechanisms for Inhibiting Bacterial Toxins. <i>ChemBioChem</i> , 2009, 10, 329-337.	2.6	59
88	Synthesis and Evaluation of New Thiodigalactoside-Based Chemical Probes to Label Galectin-3. <i>ChemBioChem</i> , 2009, 10, 1724-1733.	2.6	36
89	Potential scorpionate antibiotics: Targeted hydrolysis of lipid II containing model membranes by vancomycin-TACzyme conjugates and modulation of their antibacterial activity by Zn-ions. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3721-3724.	2.2	4
90	Maximising multivalency effects in protein-carbohydrate interactions. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2013.	2.8	317

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91	Toward multivalent carbohydrate drugs. <i>Drug Discovery Today: Technologies</i> , 2009, 6, e27-e31.	4.0	8
92	ITAM-derived phosphopeptide-containing dendrimers as multivalent ligands for Syk tandem SH2 domain. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4088.	2.8	13
93	Membrane Permeabilization by Multivalent Anti-Microbial Peptides. <i>Protein and Peptide Letters</i> , 2009, 16, 736-742.	0.9	33
94	Multivalent Carbohydrate Recognition on a Glycodendrimer-Functionalized Flow-Through Chip. <i>ChemBioChem</i> , 2008, 9, 1836-1844.	2.6	83
95	The Vancomycin-Nisin(1-12) Hybrid Restores Activity against Vancomycin Resistant Enterococci. <i>Biochemistry</i> , 2008, 47, 12661-12663.	2.5	82
96	Synthesis of multivalent Streptococcus suis adhesion inhibitors by enzymatic cleavage of polygalacturonic acid and click conjugation. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1425.	2.8	33
97	Multivalent Presentation Strategies in Novel Inhibitors of Bacterial (Toxin) Adhesion and Synthetic Vaccines. <i>Anti-Infective Agents in Medicinal Chemistry</i> , 2008, 7, 193-200.	0.6	7
98	Inhibition of P-fimbriated Escherichia coli adhesion by multivalent galabiose derivatives studied by a live-bacteria application of surface plasmon resonance. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 495-501.	3.0	70
99	Strong inhibition of cholera toxin binding by galactose dendrimers. <i>Chemical Communications</i> , 2007, , 5043.	4.1	75
100	Enhanced Membrane Pore Formation by Multimeric/Oligomeric Antimicrobial Peptides. <i>Biochemistry</i> , 2007, 46, 13437-13442.	2.5	74
101	Synthesis and Evaluation of TAC-Based Inhibitors of Papain as Mimics of Cystatin B. <i>ChemBioChem</i> , 2007, 8, 1950-1956.	2.6	10
102	Strong Inhibition of Cholera Toxin by Multivalent GM1 Derivatives. <i>ChemBioChem</i> , 2007, 8, 1500-1503.	2.6	101
103	Intervention with bacterial adhesion by multivalent carbohydrates. <i>Medicinal Research Reviews</i> , 2007, 27, 796-816.	10.5	154
104	Solid-phase carbohydrate synthesis via on-bead protecting group chemistry. <i>Tetrahedron</i> , 2007, 63, 4290-4296.	1.9	11
105	Application of the 1,3-Dipolar Cycloaddition Reaction in Chemical Biology: Approaches Toward Multivalent Carbohydrates and Peptides and Peptide-Based Polymers. <i>QSAR and Combinatorial Science</i> , 2007, 26, 1181-1190.	1.4	65
106	Detection of galectin-3 by novel peptidic photoprobes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 376-378.	2.2	19
107	A new chemical probe for the detection of the cancer-linked galectin-3. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 4387.	2.8	52
108	Interference with Protein-Protein Interactions Involved in Protease Inhibitor Complex Formation. , 2006, , 212-213.		0

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109	Tannic acid mimicking dendrimers as small intestine submucosa stabilizing nanomordants. <i>Biomaterials</i> , 2006, 27, 745-751.	11.4	12
110	Inhibition and Detection of Galectins. <i>ChemBioChem</i> , 2006, 7, 721-728.	2.6	75
111	Identification of peptide ligands for malignancy- and growth-regulating galectins using random phage-display and designed combinatorial peptide libraries. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 563-573.	3.0	36
112	Novel multivalent mannose compounds and their inhibition of the adhesion of type 1 fimbriated uropathogenic <i>E. coli</i> . <i>Tetrahedron: Asymmetry</i> , 2005, 16, 361-372.	1.8	62
113	High-Yielding Microwave-Assisted Synthesis of Triazole-Linked Glycodendrimers by Copper-Catalyzed [3+2] Cycloaddition. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3182-3185.	2.4	99
114	A New Chemical Probe for Proteomics of Carbohydrate-Binding Proteins. <i>ChemBioChem</i> , 2005, 6, 291-295.	2.6	63
115	A facile synthesis of the GalNAc ² 1 [†] 4Gal target sequence of respiratory pathogens. <i>Carbohydrate Research</i> , 2005, 340, 2436-2442.	2.3	10
116	Identification of laminin-binding motifs of plasminogen activator by phage display. <i>International Journal of Medical Microbiology</i> , 2005, 295, 87-98.	3.6	12
117	Efficient microwave-assisted synthesis of multivalent dendrimeric peptides using cycloaddition reaction (click) chemistry. <i>Chemical Communications</i> , 2005, , 4581.	4.1	120
118	Interference with Lectin Binding and Bacterial Adhesion by Multivalent Carbohydrates and Peptidic Carbohydrate Mimics. <i>Trends in Glycoscience and Glycotechnology</i> , 2004, 16, 243-254.	0.1	40
119	Synthesis of a novel 14-membered highly constrained cyclic peptidic scaffold. <i>Tetrahedron Letters</i> , 2004, 45, 4153-4156.	1.4	3
120	Microwave-assisted, tin-mediated, regioselective 3-O-alkylation of galactosides. <i>Tetrahedron Letters</i> , 2004, 45, 6685-6687.	1.4	27
121	Interference of the galactose-dependent binding of lectins by novel pentapeptide ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1437-1440.	2.2	34
122	Synthesis and cholera toxin binding properties of multivalent GM1 mimics. Electronic supplementary information (ESI) available: characterization of the polyvalent compounds ? imide by-products. See http://www.rsc.org/suppdata/ob/b4/b405344c/ . <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2113.	2.8	77
123	Inhibition of <i>Streptococcus</i> Adhesion by Dendritic Galabiose Compounds at Low Nanomolar Concentration. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 6499-6508.	6.4	85
124	Adhesion Inhibition of F1C-Fimbriated <i>Escherichia coli</i> and <i>Pseudomonas aeruginosa</i> PAK and PAO by Multivalent Carbohydrate Ligands. <i>ChemBioChem</i> , 2003, 4, 1317-1325.	2.6	57
125	Homodimeric galectin-7 (p53-induced gene 1) is a negative growth regulator for human neuroblastoma cells. <i>Oncogene</i> , 2003, 22, 6277-6288.	5.9	142
126	Rigidified multivalent lactose molecules and their interactions with mammalian galectins: a route to selective inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 803-810.	2.8	111

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127	Synthesis and Binding Studies of Aminothiazoline-Carbohydrate Conjugates. , 2003, , 94.		0
128	Synthesis and Cholera Toxin Binding Properties of a Lactose-2-aminothiazoline Conjugate. Organic Letters, 2002, 4, 1807-1808.	4.6	18
129	Synthesis and biological activity of polygalloyl-dendrimers as stable tannic acid mimics. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1567-1570.	2.2	24
130	Catalytic conversions of diazosugars. Tetrahedron Letters, 2002, 43, 9601-9603.	1.4	16
131	Synthesis and Biological Activity of Polygalloyl-Dendrimers as Stable Tannic Acid Mimics.. ChemInform, 2002, 33, 66-66.	0.0	0
132	The enantioselectivity of haloalkane dehalogenases. Tetrahedron Letters, 2001, 42, 469-471.	1.4	26
133	Wedgelike Glycodendrimers as Inhibitors of Binding of Mammalian Galectins to Glycoproteins, Lactose Maxiclusters, and Cell Surface Glycoconjugates. ChemBioChem, 2001, 2, 822.	2.6	206
134	Synthesis and binding studies of carboxylate binding pocket analogs of vancomycin. Tetrahedron Letters, 2000, 41, 7541-7545.	1.4	15
135	Design and synthesis of reagents for phage display screening of dehalogenases. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 161-166.	2.2	10
136	Mutation of Tyrosine Residues Involved in the Alkylation Half Reaction of Epoxide Hydrolase from Agrobacterium radiobacter AD1 Results in Improved Enantioselectivity. Journal of the American Chemical Society, 1999, 121, 7417-7418.	13.7	65
137	Enantioselective recognition with C3-symmetric cage-like receptors in solution and on a stationary phase. Journal of the Chemical Society Perkin Transactions II, 1997, , 1891-1900.	0.9	36
138	Enantioselective complexation of excitatory amino acid derivatives by chiral, cage-like C 3-symmetrical receptors. Chemical Communications, 1996, , 2255.	4.1	25
139	Passive Template Effects and Active Acid-Base Involvement in Catalysis of Organic Reactions. Chemistry - A European Journal, 1995, 1, 183-192.	3.3	29
140	Reciprocal template effects in bisubstrate systems: A replication cycle. Tetrahedron, 1995, 51, 485-498.	1.9	37
141	Enantioselective Intramolecular Cyclopropanations of Allylic and Homoallylic Diazoacetates and Diazoacetamides Using Chiral Dirhodium(II) Carboxamide Catalysts. Journal of the American Chemical Society, 1995, 117, 5763-5775.	13.7	227
142	Convergent Functional Groups. 16. Hydrolysis of Phosphate Triesters by a Novel Cleft. Influence of Binding on Overall Rate Acceleration. Journal of the American Chemical Society, 1995, 117, 2210-2213.	13.7	22
143	Reciprocal Template Effects in a Replication Cycle. Angewandte Chemie International Edition in English, 1994, 33, 1579-1581.	4.4	42
144	Reziproke Templateeffekte in einem Replikationscyclus. Angewandte Chemie, 1994, 106, 1667-1669.	2.0	8

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145	Intracomplex Catalysis of Acylation Reactions. <i>Journal of the American Chemical Society</i> , 1994, 116, 11592-11593.	13.7	2
146	Role of Geometrical Factors in Template Effects. <i>Journal of the American Chemical Society</i> , 1994, 116, 10296-10297.	13.7	29
147	Convergent functional groups XIV. Synthesis and binding studies of new molecular clefts for recognition and catalysis. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1993, 112, 330-334.	0.0	24
148	High enantioselectivity in the intramolecular cyclopropanation of allyl diazoacetates using a novel rhodium(II) catalyst. <i>Journal of the American Chemical Society</i> , 1991, 113, 1423-1424.	13.7	191
149	Synthesis of nitrogen-containing polycycles via rhodium(II)-induced cyclization-cycloaddition and insertion reactions of N-(diazoacetoacetyl)amides. Conformational control of reaction selectivity. <i>Journal of Organic Chemistry</i> , 1991, 56, 820-829.	3.2	134
150	Chiral rhodium(II) carboxamides. A new class of catalysts for enantioselective cyclopropanation reactions. <i>Tetrahedron Letters</i> , 1990, 31, 6613-6616.	1.4	127
151	Rhodium(II) perfluorobutyrate catalyzed silane alcoholysis. A highly selective route to silyl ethers. <i>Journal of Organic Chemistry</i> , 1990, 55, 6082-6086.	3.2	82