

Roland J Pieters

List of Publications by Year in descending order

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151
papers

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citations

66234

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Multivalent glycoconjugates as anti-pathogenic agents. <i>Chemical Society Reviews</i> , 2013, 42, 4709-4727.	18.7	464
2	Maximising multivalency effects in protein-carbohydrate interactions. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2013.	1.5	317
3	Enantioselective Intramolecular Cyclopropanations of Allylic and Homoallylic Diazoacetates and Diazoacetamides Using Chiral Dirhodium(II) Carboxamide Catalysts. <i>Journal of the American Chemical Society</i> , 1995, 117, 5763-5775.	6.6	227
4	Wedgelike Glycodendrimers as Inhibitors of Binding of Mammalian Galectins to Glycoproteins, Lactose Maxiclusters, and Cell Surface Glycoconjugates. <i>ChemBioChem</i> , 2001, 2, 822.	1.3	206
5	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.	6.6	191
6	Bridging lectin binding sites by multivalent carbohydrates. <i>Chemical Society Reviews</i> , 2013, 42, 4492.	18.7	190
7	Intervention with bacterial adhesion by multivalent carbohydrates. <i>Medicinal Research Reviews</i> , 2007, 27, 796-816.	5.0	154
8	Galectin-binding Glycomimetics that Strongly Reduce Bleomycin-induced Lung Fibrosis and Modulate Intracellular Glycan Recognition. <i>ChemBioChem</i> , 2016, 17, 1759-1770.	1.3	145
9	Homodimeric galectin-7 (p53-induced gene 1) is a negative growth regulator for human neuroblastoma cells. <i>Oncogene</i> , 2003, 22, 6277-6288.	2.6	142
10	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.	1.7	134
11	Chiral rhodium(II) carboxamides. A new class of catalysts for enantioselective cyclopropanation reactions. <i>Tetrahedron Letters</i> , 1990, 31, 6613-6616.	0.7	127
12	Efficient microwave-assisted synthesis of multivalent dendrimeric peptides using cycloaddition reaction (click) chemistry. <i>Chemical Communications</i> , 2005, , 4581.	2.2	120
13	Cross-platform comparison of glycan microarray formats. <i>Glycobiology</i> , 2014, 24, 507-517.	1.3	114
14	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.	1.5	111
15	Strong Inhibition of Cholera Toxin by Multivalent GM1 Derivatives. <i>ChemBioChem</i> , 2007, 8, 1500-1503.	1.3	101
16	PhoX: An IMAC-Enrichable Cross-Linking Reagent. <i>ACS Central Science</i> , 2019, 5, 1514-1522.	5.3	100
17	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.	1.2	99
18	Inhibition of <i>Streptococcus</i> Adhesion by Dendritic Galabiose Compounds at Low Nanomolar Concentration. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 6499-6508.	2.9	85

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19	Multivalent Carbohydrate Recognition on a Glycodendrimer-Functionalized Flow-Through Chip. <i>ChemBioChem</i> , 2008, 9, 1836-1844.	1.3	83
20	Rhodium(II) perfluorobutyrate catalyzed silane alcoholysis. A highly selective route to silyl ethers. <i>Journal of Organic Chemistry</i> , 1990, 55, 6082-6086.	1.7	82
21	The Vancomycin-Nisin(1 st 12) Hybrid Restores Activity against Vancomycin Resistant Enterococci. <i>Biochemistry</i> , 2008, 47, 12661-12663.	1.2	82
22	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.	1.5	77
23	Inhibition and Detection of Galectins. <i>ChemBioChem</i> , 2006, 7, 721-728.	1.3	75
24	Strong inhibition of cholera toxin binding by galactose dendrimers. <i>Chemical Communications</i> , 2007, , 5043.	2.2	75
25	Enhanced Membrane Pore Formation by Multimeric/Oligomeric Antimicrobial Peptides. <i>Biochemistry</i> , 2007, 46, 13437-13442.	1.2	74
26	Potent divalent inhibitors with rigid glucose click spacers for <i>Pseudomonas aeruginosa</i> lectin LecA. <i>Chemical Communications</i> , 2012, 48, 4008.	2.2	73
27	Inhibition of P-fimbriated <i>Escherichia coli</i> 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.	1.3	70
28	Uptake and Transport of Superparamagnetic Iron Oxide Nanoparticles through Human Brain Capillary Endothelial Cells. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1352-1360.	1.7	70
29	Mutation of Tyrosine Residues Involved in the Alkylation Half Reaction of Epoxide Hydrolase from <i>Agrobacterium radiobacter</i> AD1 Results in Improved Enantioselectivity. <i>Journal of the American Chemical Society</i> , 1999, 121, 7417-7418.	6.6	65
30	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.	1.5	65
31	Rapid Screening of Lectins for Multivalency Effects with a Glycodendrimer Microarray. <i>ChemBioChem</i> , 2010, 11, 1896-1904.	1.3	65
32	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.	1.7	65
33	A New Chemical Probe for Proteomics of Carbohydrate-Binding Proteins. <i>ChemBioChem</i> , 2005, 6, 291-295.	1.3	63
34	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
35	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.	2.9	62
36	The Influence of Ligand Valency on Aggregation Mechanisms for Inhibiting Bacterial Toxins. <i>ChemBioChem</i> , 2009, 10, 329-337.	1.3	59

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37	Adhesion Inhibition of F1C-Fimbriated Escherichia coli and Pseudomonas aeruginosa PAK and PAO by Multivalent Carbohydrate Ligands. ChemBioChem, 2003, 4, 1317-1325.	1.3	57
38	A new chemical probe for the detection of the cancer-linked galectin-3. Organic and Biomolecular Chemistry, 2006, 4, 4387.	1.5	52
39	Structural Insight into Multivalent Galactoside Binding to <i>Pseudomonas aeruginosa</i> Lectin LecA. ACS Chemical Biology, 2015, 10, 2455-2462.	1.6	52
40	Enhanced Membrane Pore Formation through High-Affinity Targeted Antimicrobial Peptides. PLoS ONE, 2012, 7, e39768.	1.1	51
41	Carbohydrate Mediated Bacterial Adhesion. Advances in Experimental Medicine and Biology, 2011, 715, 227-240.	0.8	50
42	Detection of pathogenic Streptococcus suis bacteria using magnetic glycoparticles. Organic and Biomolecular Chemistry, 2010, 8, 2425.	1.5	46
43	Anti-Pathogenic Functions of Non-Digestible Oligosaccharides In Vitro. Nutrients, 2020, 12, 1789.	1.7	45
44	Reciprocal Template Effects in a Replication Cycle. Angewandte Chemie International Edition in English, 1994, 33, 1579-1581.	4.4	42
45	Functional Characterization of Cholera Toxin Inhibitors Using Human Intestinal Organoids. Journal of Medicinal Chemistry, 2016, 59, 6968-6972.	2.9	41
46	Interference with Lectin Binding and Bacterial Adhesion by Multivalent Carbohydrates and Peptidic Carbohydrate Mimics. Trends in Glycoscience and Glycotechnology, 2004, 16, 243-254.	0.0	40
47	SITE-SPECIFIC FUNCTIONALIZATION OF PROTEINS AND THEIR APPLICATIONS TO THERAPEUTIC ANTIBODIES. Computational and Structural Biotechnology Journal, 2014, 9, e201402001.	1.9	39
48	Reciprocal template effects in bisubstrate systems: A replication cycle. Tetrahedron, 1995, 51, 485-498.	1.0	37
49	Site-specific conjugation of single domain antibodies to liposomes enhances photosensitizer uptake and photodynamic therapy efficacy. Nanoscale, 2016, 8, 6490-6494.	2.8	37
50	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
51	Identification of peptide ligands for malignancy- and growth-regulating galectins using random phage-display and designed combinatorial peptide libraries. Bioorganic and Medicinal Chemistry, 2005, 13, 563-573.	1.4	36
52	Synthesis and Evaluation of New Thiodigalactoside-Based Chemical Probes to Label Galectin-3. ChemBioChem, 2009, 10, 1724-1733.	1.3	36
53	Fluorescent Trimeric Hemagglutinins Reveal Multivalent Receptor Binding Properties. Journal of Molecular Biology, 2019, 431, 842-856.	2.0	36
54	Benefits of Collisional Cross Section Assisted Precursor Selection (caps-PASEF) for Cross-linking Mass Spectrometry. Molecular and Cellular Proteomics, 2020, 19, 1677-1687.	2.5	36

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55	Interference of the galactose-dependent binding of lectins by novel pentapeptide ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1437-1440.	1.0	34
56	Synthesis of multivalent <i>Streptococcus suis</i> adhesion inhibitors by enzymatic cleavage of polygalacturonic acid and "click" conjugation. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1425.	1.5	33
57	Membrane Permeabilization by Multivalent Anti-Microbial Peptides. <i>Protein and Peptide Letters</i> , 2009, 16, 736-742.	0.4	33
58	Enhancing membrane disruption by targeting and multivalent presentation of antimicrobial peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2171-2174.	1.4	33
59	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.	2.5	33
60	Antimicrobial Activities of Alginate and Chitosan Oligosaccharides Against <i>Staphylococcus aureus</i> and Group B <i>Streptococcus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 700605.	1.5	31
61	Synthesis and antifungal properties of papulacandin derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 732-737.	1.3	30
62	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.	1.7	30
63	Role of Geometrical Factors in Template Effects. <i>Journal of the American Chemical Society</i> , 1994, 116, 10296-10297.	6.6	29
64	Passive Template Effects and Active Acid-Base Involvement in Catalysis of Organic Reactions. <i>Chemistry - A European Journal</i> , 1995, 1, 183-192.	1.7	29
65	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.	1.8	29
66	In vitro studies on galectin-3 in human natural killer cells. <i>Immunology Letters</i> , 2018, 194, 4-12.	1.1	29
67	Microwave-assisted, tin-mediated, regioselective 3-O-alkylation of galactosides. <i>Tetrahedron Letters</i> , 2004, 45, 6685-6687.	0.7	27
68	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.	1.7	27
69	Non-Digestible Oligosaccharides and Short Chain Fatty Acids as Therapeutic Targets against Enterotoxin-Producing Bacteria and Their Toxins. <i>Toxins</i> , 2021, 13, 175.	1.5	27
70	The enantioselectivity of haloalkane dehalogenases. <i>Tetrahedron Letters</i> , 2001, 42, 469-471.	0.7	26
71	Enantioselective complexation of excitatory amino acid derivatives by chiral, cage-like C ₃ -symmetrical receptors. <i>Chemical Communications</i> , 1996, , 2255.	2.2	25
72	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

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73	Synthesis and biological activity of polygalloyl-dendrimers as stable tannic acid mimics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1567-1570.	1.0	24
74	Nanomolar affinity, iminosugar-based chemical probes for specific labeling of lysosomal glucocerebrosidase. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 267-273.	1.4	24
75	New properties of wheat bran: anti-biofilm activity and interference with bacteria quorum-sensing systems. <i>Environmental Microbiology</i> , 2014, 16, 1346-1353.	1.8	24
76	Towards bacterial adhesion-based therapeutics and detection methods. <i>MedChemComm</i> , 2014, 5, 1027-1035.	3.5	23
77	Enhanced Inhibition of Influenza A Virus Adhesion by Di- and Trivalent Hemagglutinin Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6398-6404.	2.9	23
78	Convergent Functional Groups. 16. Hydrolysis of Phosphate Triesters by a Novel Cleft. Influence of Binding on Overall Rate Acceleration. <i>Journal of the American Chemical Society</i> , 1995, 117, 2210-2213.	6.6	22
79	Glycosidase inhibition by novel guanidinium and urea iminosugar derivatives. <i>MedChemComm</i> , 2013, 4, 387-393.	3.5	22
80	Activity Based High-Throughput Screening for Novel O-GlcNAc Transferase Substrates Using a Dynamic Peptide Microarray. <i>PLoS ONE</i> , 2016, 11, e0151085.	1.1	21
81	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.	1.3	20
82	Strong Inhibition of Cholera Toxin B Subunit by Affordable, Polymer-Based Multivalent Inhibitors. <i>Bioconjugate Chemistry</i> , 2019, 30, 785-792.	1.8	20
83	Detection of galectin-3 by novel peptidic photoprobes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 376-378.	1.0	19
84	Inhibition of O-GlcNAc transferase (OGT) by peptidic hybrids. <i>MedChemComm</i> , 2018, 9, 883-887.	3.5	19
85	Synthesis and Cholera Toxin Binding Properties of a Lactose-2-aminothiazoline Conjugate. <i>Organic Letters</i> , 2002, 4, 1807-1808.	2.4	18
86	Peptide microarray analysis of the cross-talk between O-GlcNAcylation and tyrosine phosphorylation. <i>FEBS Letters</i> , 2017, 591, 1872-1883.	1.3	18
87	Bacterial Adhesion of <i>Streptococcus suis</i> to Host Cells and Its Inhibition by Carbohydrate Ligands. <i>Biology</i> , 2013, 2, 918-935.	1.3	17
88	Catalytic conversions of diazosugars. <i>Tetrahedron Letters</i> , 2002, 43, 9601-9603.	0.7	16
89	Synthesis and binding studies of carboxylate binding pocket analogs of vancomycin. <i>Tetrahedron Letters</i> , 2000, 41, 7541-7545.	0.7	15
90	Synthesis and evaluation of novel macrocyclic antifungal peptides. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6505-6517.	1.4	15

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91	Bicyclic isoureas derived from 1-deoxynojirimycin are potent inhibitors of β -glucocerebrosidase. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8670-8673.	1.5	15
92	Tetra- versus Pentavalent Inhibitors of Cholera Toxin. <i>ChemistryOpen</i> , 2015, 4, 471-477.	0.9	14
93	ITAM-derived phosphopeptide-containing dendrimers as multivalent ligands for Syk tandem SH2 domain. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4088.	1.5	13
94	Identification of laminin-binding motifs of plasminogen activator by phage display. <i>International Journal of Medical Microbiology</i> , 2005, 295, 87-98.	1.5	12
95	Tannic acid mimicking dendrimers as small intestine submucosa stabilizing nanomordants. <i>Biomaterials</i> , 2006, 27, 745-751.	5.7	12
96	Solid-phase carbohydrate synthesis via on-bead protecting group chemistry. <i>Tetrahedron</i> , 2007, 63, 4290-4296.	1.0	11
97	Functionalization of a Rigid Divalent Ligand for LecA, a Bacterial Adhesion Lectin. <i>ChemistryOpen</i> , 2015, 4, 463-470.	0.9	11
98	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.	1.7	11
99	Affinity capillary electrophoresis for the assessment of binding affinity of carbohydrate-based cholera toxin inhibitors. <i>Electrophoresis</i> , 2018, 39, 344-347.	1.3	11
100	Design and synthesis of reagents for phage display screening of dehalogenases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 161-166.	1.0	10
101	A facile synthesis of the GalNAc ² 1 ⁴ Gal target sequence of respiratory pathogens. <i>Carbohydrate Research</i> , 2005, 340, 2436-2442.	1.1	10
102	Synthesis and Evaluation of TAC-Based Inhibitors of Papain as Mimics of Cystatin B. <i>ChemBioChem</i> , 2007, 8, 1950-1956.	1.3	10
103	A Proteinaceous Fraction of Wheat Bran May Interfere in the Attachment of Enterotoxigenic E. Coli K88 (F4+) to Porcine Epithelial Cells. <i>PLoS ONE</i> , 2014, 9, e104258.	1.1	10
104	Guanidino Derivatives of 1,5-Dideoxy-1,5-imino-xylytol are Potent, Selective, and Stable Inhibitors of β -Glucocerebrosidase. <i>ChemMedChem</i> , 2017, 12, 483-486.	1.6	10
105	Demystifying O-GlcNAcylation: hints from peptide substrates. <i>Glycobiology</i> , 2018, 28, 814-824.	1.3	10
106	Functions and Inhibition of Galectin-7, an Emerging Target in Cellular Pathophysiology. <i>Biomolecules</i> , 2021, 11, 1720.	1.8	10
107	Use of Tetravalent Galabiose for Inhibition of <i>Streptococcus Suis</i> Serotype 2 Infection in a Mouse Model. <i>Biology</i> , 2013, 2, 702-718.	1.3	9
108	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.	1.5	9

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109	Reziproke Templateeffekte in einem Replikationscyclus. <i>Angewandte Chemie</i> , 1994, 106, 1667-1669.	1.6	8
110	Toward multivalent carbohydrate drugs. <i>Drug Discovery Today: Technologies</i> , 2009, 6, e27-e31.	4.0	8
111	Measuring O-GlcNAc cleavage by OGA and cell lysates on a peptide microarray. <i>Analytical Biochemistry</i> , 2017, 532, 12-18.	1.1	8
112	Tetravalent <i>Pseudomonas aeruginosa</i> Adhesion Lectin LecA Inhibitor for Enhanced Biofilm Inhibition. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900014.	1.0	8
113	A hybrid polymer to target blood group dependence of cholera toxin. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 52-55.	1.5	8
114	Limited Lactosylation of Beta-Lactoglobulin from Cow's Milk Exerts Strong Influence on Antigenicity and Degranulation of Mast Cells. <i>Nutrients</i> , 2021, 13, 2041.	1.7	8
115	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
116	Finding and using diagnostic ions in collision induced crosslinked peptide fragmentation spectra. <i>International Journal of Mass Spectrometry</i> , 2019, 444, 116184.	0.7	7
117	A "catch-and-release" receptor for the cholera toxin. <i>Faraday Discussions</i> , 2019, 219, 112-127.	1.6	7
118	Fighting Shigella by Blocking Its Disease-Causing Toxin. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6059-6069.	2.9	7
119	Differential effects of oligosaccharides on the effectiveness of ampicillin against <i>Escherichia coli</i> in vitro. <i>PharmaNutrition</i> , 2021, 16, 100264.	0.8	7
120	The assessment of <i>Pseudomonas aeruginosa</i> lectin LecA binding characteristics of divalent galactosides using multiple techniques. <i>Glycobiology</i> , 2021, 31, 1490-1499.	1.3	7
121	Development of a microarray detection method for galectin cancer proteins based on ligand binding. <i>Analytical Biochemistry</i> , 2013, 434, 99-104.	1.1	6
122	Orthoester functionalized N-guanidino derivatives of 1,5-dideoxy-1,5-imino-xylitol as pH-responsive inhibitors of β -glucocerebrosidase. <i>MedChemComm</i> , 2017, 8, 2050-2054.	3.5	6
123	Lactulose synergizes with CpG-ODN to modulate epithelial and immune cells cross talk. <i>Food and Function</i> , 2019, 10, 33-37.	2.1	6
124	New Quinolinone O-GlcNAc Transferase Inhibitors Based on Fragment Growth. <i>Frontiers in Chemistry</i> , 2021, 9, 666122.	1.8	6
125	Nanobody-Based Bispecific Neutralizer for Shiga Toxin-Producing <i>E. coli</i> . <i>ACS Infectious Diseases</i> , 2022, 8, 321-329.	1.8	6
126	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.	1.2	5

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127	Study of cross talk between phosphatases and OGA on a ZO-3-derived peptide. <i>Amino Acids</i> , 2019, 51, 739-743.	1.2	5
128	Multivalency effects in neuraminidase inhibitor design for influenza virus. <i>Arkivoc</i> , 2021, 2021, 297-312.	0.3	5
129	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.	1.0	4
130	Hybrid ligands with calixarene and thiodigalactoside groups: galectin binding and cytotoxicity. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2981-2990.	2.3	4
131	Overview of the Assays to Probe O-Linked β -N-Acetylglucosamine Transferase Binding and Activity. <i>Molecules</i> , 2021, 26, 1037.	1.7	4
132	Biochemical and structural studies of target lectin SapL1 from the emerging opportunistic microfungus <i>Scedosporium apiospermum</i> . <i>Scientific Reports</i> , 2021, 11, 16109.	1.6	4
133	Modulation of the Epithelial-Immune Cell Crosstalk and Related Galectin Secretion by DP3-5 Galacto-Oligosaccharides and β -Galactosylactose. <i>Biomolecules</i> , 2022, 12, 384.	1.8	4
134	Synthesis of a novel 14-membered highly constrained cyclic peptidic scaffold. <i>Tetrahedron Letters</i> , 2004, 45, 4153-4156.	0.7	3
135	The Role of Excipients in the Stability of Triamcinolone Acetonide in Ointments. <i>AAPS PharmSciTech</i> , 2018, 19, 1448-1453.	1.5	3
136	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.	1.7	3
137	Discovery of a New Drug-like Series of OGT Inhibitors by Virtual Screening. <i>Molecules</i> , 2022, 27, 1996.	1.7	3
138	Intracomplex Catalysis of Acylation Reactions. <i>Journal of the American Chemical Society</i> , 1994, 116, 11592-11593.	6.6	2
139	Carbohydrate-protein interactions: Enhancing multivalency effects through statistical rebinding. , 2020, , 383-402.		2
140	Enhanced Inhibition of Protein Carbohydrate Interactions by Dendritic Multivalent Glycoligands. <i>ACS Symposium Series</i> , 2011, , 91-103.	0.5	1
141	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.	1.0	1
142	Typically used corticosteroids: What is the big picture of drug product degradation?. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 1-7.	1.9	1
143	C-terminal Tag Location Hampers In Vitro Profiling of OGT Peptide Substrates by mRNA Display. <i>ChemBioChem</i> , 2021, 22, 666-671.	1.3	1
144	Internalization and Transport of PEGylated Lipid-Based Mixed Micelles across Caco-2 Cells Mediated by Scavenger Receptor B1. <i>Pharmaceutics</i> , 2021, 13, 2022.	2.0	1

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145	Preventing Influenza A Virus Infection by Mixed Inhibition of Neuraminidase and Hemagglutinin by Divalent Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7312-7323.	2.9	1
146	Interference with Protein-Protein Interactions Involved in Protease Inhibitor Complex Formation. , 2006, , 212-213.		0
147	Synthesis and Biological Activity of Polygalloyl Dendrimers as Stable Tannic Acid Mimics.. <i>ChemInform</i> , 2002, 33, 66-66.	0.1	0
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