Laura Kiessling

List of Publications by Year
in descending order

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346 papers	18,672 citations	12330 69 h-index	12946 131 g-index
377 all docs	377 docs citations	377 times ranked	16250 citing authors

#	Article	IF	Citations
1	Biosynthetic incorporation for visualizing bacterial glycans. Methods in Enzymology, 2022, 665, 135-151.	1.0	2
2	Bifunctional Peptide that Anneals to Damaged Collagen and Clusters TGF-Î² Receptors Enhances Wound Healing. ACS Chemical Biology, 2022, 17, 314-321.	3.4	6
3	Advances in glycoscience to understand viral infection and colonization. Nature Methods, 2022, 19, 384-387.	19.0	10
4	Glycan-Modified Virus-like Particles Evoke T Helper Type 1-like Immune Responses. ACS Nano, 2021, 15, 309-321.	14.6	40
5	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	7.6	0
6	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	4.6	0
7	ACS Chemical Biology Special Issue on Epigenetics â€“ Call for Papers. ACS Chemical Biology, 2021, 16, 1-1.	3.4	0
8	Stereochemical Control Yields Mucin Mimetic Polymers. ACS Central Science, 2021, 7, 624-630.	11.3	21
9	Human intelectin-1 (ITLN1) genetic variation and intestinal expression. Scientific Reports, 2021, 11, 12889.	3.3	13
10	Distinguishing Galactoside Isomers with Mass Spectrometry and Gas-Phase Infrared Spectroscopy. Journal of the American Chemical Society, 2021, 143, 10509-10513.	13.7	14
11	Synthetic Glycomacromolecules of Defined Valency, Absolute Configuration, and Topology Distinguish between Human Lectins. Jacs Au, 2021, 1, 1621-1630.	7.9	23
12	A proteome-wide atlas of lysine-reactive chemistry. Nature Chemistry, 2021, 13, 1081-1092.	13.6	107
13	CHâ‹¯Ï€ Interactions in Glycan Recognition. ACS Chemical Biology, 2021, 16, 1884-1893.	3.4	33
14	Biosynthetic Glycan Labeling. Journal of the American Chemical Society, 2021, 143, 16337-16342.	13.7	18
15	Special Issue on Chemical Glycobiology. ACS Chemical Biology, 2021, 16, 1793-1794.	3.4	0
16	Stereoelectronic Effects Impact Glycan Recognition. Journal of the American Chemical Society, 2020, 142, 2386-2395.	13.7	39
17	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	4.9	0
18	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	2.5	0

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19	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708.	5.2	0
20	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Central Science, 2020, 6, 589-590.	11.3	0
21	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Biology, 2020, 15, 1282-1283.	3.4	0
22	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197.	3.5	0
23	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673.	2.7	0
24	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	17.4	1
25	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Macro Letters, 2020, 9, 666-667.	4.8	0
26	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. , 2020, 2, 563-564.		0
27	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152.	14.6	2
28	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Photonics, 2020, 7, 1080-1081.	6.6	0
29	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	4.9	0
30	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	6.7	0
31	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	6.5	0
32	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	6.7	0
33	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	8.7	1
34	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	2.3	1
35	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	3.7	0
36	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	3.5	0

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37	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	4.4	0
38	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
39	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	2.8	0
40	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
41	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	4.6	1
42	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	5.1	0
43	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	11.3	1
44	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	3.7	0
45	Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059.	3.0	0
46	Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356.	2.8	0
47	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	2.8	1
48	Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773.	5.1	0
49	Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860.	7.8	0
50	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	14.6	2
51	Polysaccharide length affects mycobacterial cell shape and antibiotic susceptibility. Science Advances, 2020, 6, .	10.3	14
52	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biochemistry, 2020, 59, 1641-1642.	2.5	0
53	Advancing Chemical Microbiology. ACS Chemical Biology, 2020, 15, 1115-1118.	3.4	1
54	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical & Engineering Data, 2020, 65, 2253-2254.	1.9	0

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55	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Process Research and Development, 2020, 24, 872-873.	2.7	0
56	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Omega, 2020, 5, 9624-9625.	3.5	0
57	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185.	4.3	0
58	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	8.0	5
59	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	3.1	0
60	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	4.6	0
61	When the Others Become Us: A Chemistâ€™s Perspective of the COVID-19 Outbreak in Italy. ACS Chemical Biology, 2020, 15, 1279-1281.	3.4	0
62	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	3.8	0
63	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	5.1	0
64	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	5.3	0
65	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	3.2	0
66	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	6.5	0
67	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	2.3	0
68	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	2.7	0
69	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	6.7	0
70	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	6.7	0
71	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	3.3	0
72	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	4.0	0

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73	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	5.0	0
74	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	4.4	0
75	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	3.4	0
76	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882.	5.3	0
77	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	4.6	4
78	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	8.0	13
79	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	3.0	1
80	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	47.7	2
81	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	11.2	1
82	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	5.4	0
83	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	6.4	0
84	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	4.8	0
85	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	9.1	5
86	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	2.3	0
87	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	13.7	1
88	Fighting the Coronavirus Outbreak. ACS Chemical Biology, 2020, 15, 799-801.	3.4	3
89	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	15.6	0
90	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	2.5	0

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91	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	17.4	0
92	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	5.4	0
93	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	3.7	0
94	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	2.6	1
95	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020.	5.2	0
96	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604.	2.6	0
97	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	3.6	0
98	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961.	5.0	0
99	Scientific Response to the Coronavirus Crisis in Spain: Collaboration and Multidisciplinarity. ACS Chemical Biology, 2020, 15, 1722-1723.	3.4	2
100	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Natural Products, 2020, 83, 1357-1358.	3.0	0
101	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	3.8	0
102	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.9	0
103	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Bioconjugate Chemistry, 2020, 31, 1211-1212.	3.6	0
104	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134.	2.1	0
105	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510.	3.3	0
106	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Energy & Fuels, 2020, 34, 5107-5108.	5.1	0
107	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874.	4.6	0
108	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752.	3.2	0

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109	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Society for Mass Spectrometry, 2020, 31, 1006-1007.	2.8	0
110	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002.	15.6	0
111	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biomacromolecules, 2020, 21, 1966-1967.	5.4	0
112	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Reviews, 2020, 120, 3939-3940.	47.7	0
113	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science & Technology, 2020, 54, 5307-5308.	10.0	0
114	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Langmuir, 2020, 36, 4565-4566.	3.5	0
115	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446.	4.6	0
116	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Infectious Diseases, 2020, 6, 891-892.	3.8	0
117	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	3.0	1
118	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410.	6.4	0
119	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502.	2.5	0
120	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Nano Letters, 2020, 20, 2935-2936.	9.1	0
121	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sensors, 2020, 5, 1251-1252.	7.8	0
122	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	5.4	0
123	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510.	3.7	0
124	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	13.7	3
125	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Inorganic Chemistry, 2020, 59, 5796-5797.	4.0	0
126	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organometallics, 2020, 39, 1665-1666.	2.3	0

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127	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Letters, 2020, 22, 3307-3308.	4.6	0
128	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	5.2	1
129	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	3.5	1
130	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	4.3	0
131	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	5.2	0
132	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	2.7	0
133	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	8.7	0
134	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0
135	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	3.8	0
136	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	4.6	0
137	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	3.1	0
138	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	4.8	0
139	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	4.6	1
140	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	3.5	1
141	Confronting Racism in Chemistry Journals. ACS Photonics, 2020, 7, 1586-1588.	6.6	0
142	Confronting Racism in Chemistry Journals. Environmental Science & Technology, 2020, 54, 7735-7737.	10.0	0
143	Confronting Racism in Chemistry Journals. Journal of Chemical Health and Safety, 2020, 27, 198-200.	2.1	0
144	Antigen structure affects cellular routing through DC-SIGN. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14862-14867.	7.1	43

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145	Modular Polymer Antigens To Optimize Immunity. Biomacromolecules, 2019, 20, 4370-4379.	5.4	7
146	Bacterial Cell Wall Modification with a Glycolipid Substrate. Journal of the American Chemical Society, 2019, 141, 9262-9272.	13.7	33
147	Angiomotin Regulates YAP Localization during Neural Differentiation of Human Pluripotent Stem Cells. Stem Cell Reports, 2019, 12, 869-877.	4.8	29
148	Voices in methods development. Nature Methods, 2019, 16, 945-951.	19.0	5
149	Chemoselective, Postpolymerization Modification of Bioactive, Degradable Polymers. Biomacromolecules, 2019, 20, 1018-1027.	5.4	23
150	Spotlight: A Conversation with Laura Kiessling and Jennifer Doudna. ACS Chemical Biology, 2018, 13, 290-295.	3.4	0
151	How many human proteoforms are there?. Nature Chemical Biology, 2018, 14, 206-214.	8.0	580
152	Imaging mycobacterial growth and division with a fluorogenic probe. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5271-5276.	7.1	77
153	Chemistry-driven glycoscience. Bioorganic and Medicinal Chemistry, 2018, 26, 5229-5238.	3.0	36
154	Polymers at the Interface with Biology. Biomacromolecules, 2018, 19, 3151-3162.	5.4	10
155	The Ecstasy and Agony of Assay Interference Compounds. Journal of Medicinal Chemistry, 2017, 60, 2165-2168.	6.4	113
156	The Ecstasy and Agony of Assay Interference Compounds. ACS Central Science, 2017, 3, 143-147.	11.3	78
157	The Ecstasy and Agony of Assay Interference Compounds. ACS Chemical Biology, 2017, 12, 575-578.	3.4	14
158	The Ecstasy and Agony of Assay Interference Compounds. ACS Chemical Neuroscience, 2017, 8, 420-423.	3.5	8
159	The Ecstasy and Agony of Assay Interference Compounds. Biochemistry, 2017, 56, 1363-1366.	2.5	8
160	The Ecstasy and Agony of Assay Interference Compounds. Journal of Chemical Information and Modeling, 2017, 57, 387-390.	5.4	20
161	The Ecstasy and Agony of Assay Interference Compounds. ACS Medicinal Chemistry Letters, 2017, 8, 379-382.	2.8	35
162	Nanoscience and Nanotechnology Cross Borders. ACS Nano, 2017, 11, 1123-1126.	14.6	4

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163	Recognition of microbial glycans by soluble human lectins. Current Opinion in Structural Biology, 2017, 44, 168-178.	5.7	68
164	Conformational Control of UDP-Galactopyranose Mutase Inhibition. Biochemistry, 2017, 56, 3983-3992.	2.5	2
165	The Ecstasy and Agony of Assay Interference Compounds. ACS Infectious Diseases, 2017, 3, 259-262.	3.8	4
166	Comparing Galactan Biosynthesis in Mycobacterium tuberculosis and Corynebacterium diphtheriae. Journal of Biological Chemistry, 2017, 292, 2944-2955.	3.4	13
167	Deleterious Consequences of UDP-Galactopyranose Mutase Inhibition for Nematodes. ACS Chemical Biology, 2017, 12, 2354-2361.	3.4	0
168	Taxation on Innovation. ACS Chemical Biology, 2017, 12, 2915-2915.	3.4	0
169	Carboxylate Surrogates Enhance the Antimycobacterial Activity of UDP-Galactopyranose Mutase Probes. ACS Infectious Diseases, 2016, 2, 538-543.	3.8	17
170	ChemRXiv: A Chemistry Preprint Server. ACS Chemical Biology, 2016, 11, 2937-2937.	3.4	0
171	ChemRXiv: A Chemistry Preprint Server. ACS Nano, 2016, 10, 9053-9054.	14.6	5
172	Bioconjugates and Chemical Biology. Bioconjugate Chemistry, 2016, 27, 1429-1429.	3.6	1
173	Fidelity and Promiscuity of a Mycobacterial Glycosyltransferase. Journal of the American Chemical Society, 2016, 138, 9205-9211.	13.7	12
174	Focus on Epigenetics. ACS Chemical Biology, 2016, 11, 541-542.	3.4	0
175	Structures of Xenopus Embryonic Epidermal Lectin Reveal a Conserved Mechanism of Microbial Glycan Recognition. Journal of Biological Chemistry, 2016, 291, 5596-5610.	3.4	33
176	Training the next generation of biomedical investigators in glycosciences. Journal of Clinical Investigation, 2016, 126, 405-408.	8.2	32
177	Multivalent Antigens for Promoting B and T Cell Activation. ACS Chemical Biology, 2015, 10, 1817-1824.	3.4	62
178	Virtual Screening for UDP-Galactopyranose Mutase Ligands Identifies a New Class of Antimycobacterial Agents. ACS Chemical Biology, 2015, 10, 2209-2218.	3.4	34
179	Recognition of microbial glycans by human intelectin-1. Nature Structural and Molecular Biology, 2015, 22, 603-610.	8.2	133
180	Forces of Change: Mechanics Underlying Formation of Functional 3D Organ Buds. Cell Stem Cell, 2015, 16, 453-454.	11.1	9

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181	The non-detergent sulfobetaine-201 acts as a pharmacological chaperone to promote folding and crystallization of the type II TGF-Î² receptor extracellular domain. Protein Expression and Purification, 2015, 115, 19-25.	1.3	5
182	Carbohydrateâ€“Aromatic Interactions in Proteins. Journal of the American Chemical Society, 2015, 137, 15152-15160.	13.7	282
183	Signals from the surface modulate differentiation of human pluripotent stem cells through glycosaminoglycans and integrins. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18126-18131.	7.1	53
184	New Insights into Bacterial Chemoreceptor Array Structure and Assembly from Electron Cryotomography. Biochemistry, 2014, 53, 1575-1585.	2.5	91
185	Synthetic Antigens Reveal Dynamics of BCR Endocytosis during Inhibitory Signaling. ACS Chemical Biology, 2014, 9, 202-210.	3.4	21
186	Polyspecific pyrrolysyl-tRNA synthetases from directed evolution. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16724-16729.	7.1	101
187	Substratum-induced differentiation of human pluripotent stem cells reveals the coactivator YAP is a potent regulator of neuronal specification. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13805-13810.	7.1	153
188	Probing and Perturbing Stem Cells with Chemical Biology. ACS Chemical Biology, 2014, 9, 1-2.	3.4	5
189	A Symposium in Honor of Peter B. Dervan, the 2014 ACS Chemical Biology Lectureship Award Winner. ACS Chemical Biology, 2014, 9, 1221-1223.	3.4	0
190	Isoprenoid Phosphonophosphates as Glycosyltransferase Acceptor Substrates. Journal of the American Chemical Society, 2014, 136, 8492-8495.	13.7	18
191	Rhamnose Glycoconjugates for the Recruitment of Endogenous Antiâ€Carbohydrate Antibodies to Tumor Cells. ChemBioChem, 2014, 15, 1393-1398.	2.6	71
192	A Path to Complex Carbohydrates. Science, 2013, 341, 357-358.	12.6	8
193	Synthesis of Lipid-Linked Arabinofuranose Donors for Glycosyltransferases. Journal of Organic Chemistry, 2013, 78, 2128-2133.	3.2	11
194	Glycopolymer probes of signal transduction. Chemical Society Reviews, 2013, 42, 4476.	38.1	290
195	Synthesis of Functionalizable and Degradable Polymers by Ringâ€Opening Metathesis Polymerization. Angewandte Chemie - International Edition, 2013, 52, 5061-5064.	13.8	71
196	UDP-Galactopyranose Mutase in Nematodes. Biochemistry, 2013, 52, 4391-4398.	2.5	21
197	A defined glycosaminoglycanâ€binding surface facilitates endoderm differentiation of human embryonic stem cells. FASEB Journal, 2013, 27, 594.5.	0.5	0
198	Signals from the Surface to Control Cell Fate Decisions. FASEB Journal, 2013, 27, 213.3.	0.5	0

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199	Fluorosugar Chain Termination Agents as Probes of the Sequence Specificity of a Carbohydrate Polymerase. Journal of the American Chemical Society, 2012, 134, 6552-6555.	13.7	38
200	Small-Molecule-Modified Surfaces Engage Cells through the Î±_vÎ²₃ Integrin. ACS Chemical Biology, 2012, 7, 518-525.	3.4	19
201	Quinoxalinoneinhibitors of the lectin DC-SIGN. Chemical Science, 2012, 3, 772-777.	7.4	64
202	A Processive Carbohydrate Polymerase That Mediates Bifunctional Catalysis Using a Single Active Site. Biochemistry, 2012, 51, 1148-1159.	2.5	32
203	Recasting Biomolecules for Function. ACS Chemical Biology, 2012, 7, 1-2.	3.4	5
204	An Asymmetric Synthesis of l-Pyrrolysine. Organic Letters, 2012, 14, 1378-1381.	4.6	20
205	Glycosaminoglycan-Binding Hydrogels Enable Mechanical Control of Human Pluripotent Stem Cell Self-Renewal. ACS Nano, 2012, 6, 10168-10177.	14.6	135
206	Noncarbohydrate Glycomimetics and Glycoprotein Surrogates as DC-SIGN Antagonists and Agonists. ACS Chemical Biology, 2012, 7, 1603-1608.	3.4	50
207	Tailored Synthetic Surfaces to Control Human Pluripotent Stem Cell Self-Renewal. , 2012, , 155-165.		0
208	Monitoring Processivity and Length Control of a Carbohydrate Polymerase. Journal of the American Chemical Society, 2011, 133, 12758-12766.	13.7	49
209	Spatial control of cell fate using synthetic surfaces to potentiate TGF-Î² signaling. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11745-11750.	7.1	51
210	Protein Footprinting in a Complex Milieu: Identifying the Interaction Surfaces of the Chemotaxis Adaptor Protein CheW. Journal of Molecular Biology, 2011, 409, 483-495.	4.2	22
211	Glycomimetic Building Blocks: A Divergent Synthesis of Epimers of Shikimic Acid. Organic Letters, 2011, 13, 3790-3793.	4.6	17
212	What lies ahead. Nature, 2011, 469, 23-25.	27.8	13
213	Chemical Approaches to Glycobiology. Annual Review of Biochemistry, 2010, 79, 619-653.	11.1	209
214	Synthesis of galactofuranose-based acceptor substrates for the study of the carbohydrate polymerase GlfT2. Bioorganic and Medicinal Chemistry, 2010, 18, 3753-3759.	3.0	27
215	Classifying chemoreceptors: quantity versus quality. EMBO Journal, 2010, 29, 3435-3436.	7.8	2
216	Classifying chemoreceptors: quantity versus quality. EMBO Journal, 2010, 29, 4237-4237.	7.8	0

#	Article	IF	Citations
217	A defined glycosaminoglycan-binding substratum for human pluripotent stem cells. Nature Methods, 2010, 7, 989-994.	19.0	243
218	Decoding Signals with Chemical Biology. ACS Chemical Biology, 2010, 5, 1-2.	3.4	1
219	Unexpected Enhancement in Biological Activity of a GPCR Ligand Induced by an Oligoethylene Glycol Substituent. Journal of the American Chemical Society, 2010, 132, 8844-8845.	13.7	8
220	Peptide ligands that use a novel binding site to target both TGF-Î² receptors. Molecular BioSystems, 2010, 6, 2392.	2.9	25
221	A general glycomimetic strategy yields non-carbohydrate inhibitors of DC-SIGN. Chemical Communications, 2010, 46, 6747.	4.1	58
222	High-Throughput Discovery of Synthetic Surfaces That Support Proliferation of Pluripotent Cells. Journal of the American Chemical Society, 2010, 132, 1289-1295.	13.7	133
223	Human Embryonic Stem Cells Maintain Pluripotency after Eâ€Cadherin Expression Knockdown. FASEB Journal, 2010, 24, lb172.	0.5	0
224	Sialylated multivalent antigens engage CD22in transand inhibit B cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2500-2505.	7.1	113
225	A tethering mechanism for length control in a processive carbohydrate polymerization. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11851-11856.	7.1	67
226	Flow Cytometry Reveals that Multivalent Chemoattractants Effect Swarmer Cell Dedifferentiation. ACS Chemical Biology, 2009, 4, 828-833.	3.4	1
227	Structure-Based Design of a Periplasmic Binding Protein Antagonist that Prevents Domain Closure. ACS Chemical Biology, 2009, 4, 447-456.	3.4	25
228	Ligand Binding and Substrate Discrimination by UDP-Galactopyranose Mutase. Journal of Molecular Biology, 2009, 391, 327-340.	4.2	43
229	ROMP from ROMP: A New Approach to Graft Copolymer Synthesis. Macromolecules, 2009, 42, 4023-4027.	4.8	34
230	General Synthetic Route to Cell-Permeable Block Copolymers via ROMP. Journal of the American Chemical Society, 2009, 131, 7327-7333.	13.7	110
231	Potent Ligands for Prokaryotic UDP-Galactopyranose Mutase That Exploit an Enzyme Subsite. Organic Letters, 2009, 11, 193-196.	4.6	27
232	X-ray Crystallography Reveals a Reduced Substrate Complex of UDP-Galactopyranose Mutase Poised for Covalent Catalysis by Flavin,. Biochemistry, 2009, 48, 9171-9173.	2.5	46
233	Isotopeâ€Coded Affinity Tags with Tunable Reactivities for Protein Footprinting. Angewandte Chemie - International Edition, 2008, 47, 9677-9680.	13.8	19
234	Synthetic Science: Assembly Required. ACS Chemical Biology, 2008, 3, 1-2.	3.4	6

#	Article	IF	Citations
235	Multivalency in Proteinâ€“Carbohydrate Recognition. , 2008, , 2483-2523.		19
236	Inhibitors of UDP-Galactopyranose Mutase Thwart Mycobacterial Growth. Journal of the American Chemical Society, 2008, 130, 6706-6707.	13.7	88
237	Synthesis of Fluorogenic Polymers for Visualizing Cellular Internalization. Organic Letters, 2008, 10, 2997-3000.	4.6	62
238	A Polymeric Domain That Promotes Cellular Internalization. Journal of the American Chemical Society, 2008, 130, 5626-5627.	13.7	90
239	Chemical Probes of Bacterial Signal Transduction Reveal That Repellents Stabilize and Attractants Destabilize the Chemoreceptor Array. ACS Chemical Biology, 2008, 3, 101-109.	3.4	25
240	UDPâ€galactopyranose mutase: an unexpected ligandâ€binding mode leads to model of substrate binding. FASEB Journal, 2008, 22, 1012.9.	0.5	1
241	Small molecule probes of mycobacterial cell wall assembly. FASEB Journal, 2008, 22, 532.3.	0.5	0
242	The polymerase activity of a mycobacterial galactofuranosyltransferase suggests a novel mechanism for templateâ€independent processive polymerization. FASEB Journal, 2008, 22, 1059.2.	0.5	0
243	Time to Think. ACS Chemical Biology, 2007, 2, 1-2.	3.4	1
244	Selective Tumor Cell Targeting Using Low-Affinity, Multivalent Interactions. ACS Chemical Biology, 2007, 2, 119-127.	3.4	244
245	Activating B Cell Signaling with Defined Multivalent Ligands. ACS Chemical Biology, 2007, 2, 252-262.	3.4	153
246	Defined Substrates for Human Embryonic Stem Cell Growth Identified from Surface Arrays. ACS Chemical Biology, 2007, 2, 347-355.	3.4	141
247	A Higher Degree of Difficulty. ACS Chemical Biology, 2007, 2, 197-199.	3.4	0
248	Non-carbohydrate Inhibitors of the Lectin DC-SIGN. Journal of the American Chemical Society, 2007, 129, 12780-12785.	13.7	113
249	Solid-Phase Synthesis of Alkanethiols for the Preparation of Self-Assembled Monolayers. Langmuir, 2007, 23, 11164-11167.	3.5	20
250	Site-Directed Mutagenesis of UDP-Galactopyranose Mutase Reveals a Critical Role for the Active-Site, Conserved Arginine Residuesâ€. Biochemistry, 2007, 46, 6723-6732.	2.5	54
251	Bifunctional Ligands that Target Cells Displaying the Î±vÎ²3 Integrin. ChemBioChem, 2007, 8, 68-82.	2.6	68
252	Conformational changes of glucose/galactose-binding protein illuminated by open, unliganded, and ultra-high-resolution ligand-bound structures. Protein Science, 2007, 16, 1032-1041.	7.6	103

#	Article	IF	Citations
253	Contrast Agents for Magnetic Resonance Imaging Synthesized with Ring-Opening Metathesis Polymerization. Journal of the American Chemical Society, 2006, 128, 6534-6535.	13.7	54
254	Phage Display Affords Peptides that Modulate Î²-Amyloid Aggregation. Journal of the American Chemical Society, 2006, 128, 11882-11889.	13.7	46
255	Fostering Major Breakthroughs. ACS Chemical Biology, 2006, 1, 1-2.	3.4	2
256	Symbiosis: Chemical Biology at Wisconsin. ACS Chemical Biology, 2006, 1, 481-484.	3.4	0
257	N-Acylsulfonamide Linker Activation by Pd-Catalyzed Allylation. Organic Letters, 2006, 8, 2483-2485.	4.6	16
258	Chemical Probes of UDP-Galactopyranose Mutase. Chemistry and Biology, 2006, 13, 825-837.	6.0	119
259	Synthetic Multivalent Ligands as Probes of Signal Transduction. Angewandte Chemie - International Edition, 2006, 45, 2348-2368.	13.8	774
260	Large increases in attractant concentration disrupt the polar localization of bacterial chemoreceptors. Molecular Microbiology, 2005, 57, 774-785.	2.5	48
261	Solid-Phase Synthesis of Polymers Using the Ring-Opening Metathesis Polymerization. Journal of the American Chemical Society, 2005, 127, 14536-14537.	13.7	70
262	Link between Chemotactic Response to Ni2+and its Adsorption onto theEscherichia coliCell Surface. Environmental Science & Technology, 2005, 39, 5227-5233.	10.0	27
263	Synthetic Multivalent Carbohydrate Ligands as Effectors or Inhibitors of Biological Processes. , 2005, , 575-608.		6
264	A unique catalytic mechanism for UDP-galactopyranose mutase. Nature Structural and Molecular Biology, 2004, 11, 539-543.	8.2	125
265	Synthetic Glycoprotein Mimics Inhibit L-Selectin-Mediated Rolling and Promote L-Selectin Shedding. Chemistry and Biology, 2004, 11, 725-732.	6.0	61
266	Identification of Inhibitors for UDP-Galactopyranose Mutase. Journal of the American Chemical Society, 2004, 126, 10532-10533.	13.7	93
267	A Polymer Scaffold for Protein Oligomerization. Journal of the American Chemical Society, 2004, 126, 1608-1609.	13.7	60
268	Arrays for the Combinatorial Exploration of Cell Adhesion. Journal of the American Chemical Society, 2004, 126, 10808-10809.	13.7	95
269	Improved Chemical Syntheses of 1- and 5-Deazariboflavin. Journal of Organic Chemistry, 2004, 69, 2614-2617.	3.2	15
270	Stereoselective N-Glycosylation by Staudinger Ligation. Organic Letters, 2004, 6, 4479-4482.	4.6	83

#	Article	IF	Citations
271	Controlling Cellular Responses with Multivalent Ligands. Nippon Nogeikagaku Kaishi, 2004, 78, 1159-1159.	0.0	0
272	Parallel Synthesis of Glycomimetic Libraries:â€‰ Targeting a C-Type Lectin. Organic Letters, 2003, 5, 1407-1410.	4.6	41
273	Surface Plasmon Resonance Imaging Studies of Protein-Carbohydrate Interactions. Journal of the American Chemical Society, 2003, 125, 6140-6148.	13.7	475
274	Trophoblast L-Selectin-Mediated Adhesion at the Maternal-Fetal Interface. Science, 2003, 299, 405-408.	12.6	437
275	Visualization and Characterization of Receptor Clusters by Transmission Electron Microscopy. Methods in Enzymology, 2003, 362, 301-312.	1.0	3
276	Multivalency in Biological Systems. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2003, , 345-357.	0.1	13
277	Conserved Amplification of Chemotactic Responses through Chemoreceptor Interactions. Journal of Bacteriology, 2002, 184, 4981-4987.	2.2	29
278	Synthesis and Applications of End-Labeled Neoglycopolymers. Organic Letters, 2002, 4, 2293-2296.	4.6	112
279	p-Methoxybenzyl Ether Cleavage by Polymer-Supported Sulfonamides. Organic Letters, 2002, 4, 1131-1133.	4.6	28
280	Control of Multivalent Interactions by Binding Epitope Density. Journal of the American Chemical Society, 2002, 124, 1615-1619.	13.7	372
281	Influencing Receptorâ^'Ligand Binding Mechanisms with Multivalent Ligand Architecture. Journal of the American Chemical Society, 2002, 124, 14922-14933.	13.7	657
282	A Strategy for the Synthesis of Sulfated Peptides. Angewandte Chemie, 2002, 114, 3599-3601.	2.0	16
283	A Strategy for the Synthesis of Sulfated Peptides. Angewandte Chemie - International Edition, 2002, 41, 3449-3451.	13.8	38
284	Selective Immobilization of Multivalent Ligands for Surface Plasmon Resonance and Fluorescence Microscopy. Analytical Biochemistry, 2002, 305, 149-155.	2.4	70
285	Cell Aggregation by Scaffolded Receptor Clusters. Chemistry and Biology, 2002, 9, 163-169.	6.0	81
286	Hitting the sweet spot. Nature Biotechnology, 2002, 20, 234-235.	17.5	73
287	Inter-receptor communication through arrays of bacterial chemoreceptors. Nature, 2002, 415, 81-84.	27.8	249
288	Synthesis of a multivalent display of a CD22-binding trisaccharide. Carbohydrate Research, 2002, 337, 1605-1613.	2.3	41

#	Article	IF	Citations
289	Affinity-Based Inhibition of Î²-Amyloid Toxicity. Biochemistry, 2002, 41, 8620-8629.	2.5	115
290	High-Yielding Staudinger Ligation of a Phosphinothioester and Azide To Form a Peptide. Organic Letters, 2001, 3, 9-12.	4.6	234
291	Multivalency in Protein-Carbohydrate Recognition. , 2001, , 1817-1861.		6
292	Chemical Glycobiology. Science, 2001, 291, 2357-2364.	12.6	1,736
293	Glycosyl Sulfonylcarbamates:Â New Glycosyl Donors with Tunable Reactivity. Journal of the American Chemical Society, 2001, 123, 3379-3380.	13.7	50
294	Structureâ^'Function Relationships for Inhibitors of Î²-Amyloid Toxicity Containing the Recognition Sequence KLVFFâ€. Biochemistry, 2001, 40, 7882-7889.	2.5	218
295	Synthesis of Cyclic Sulfates by Halocyclization. Organic Letters, 2001, 3, 3557-3559.	4.6	14
296	Designed potent multivalent chemoattractants for Escherichia coli. Bioorganic and Medicinal Chemistry, 2001, 9, 2387-2393.	3.0	36
297	Improved Chemical Synthesis of UDP-Galactofuranose. Organic Letters, 2001, 3, 2517-2519.	4.6	88
298	Multivalency in Protein-Carbohydrate Recognition. , 2001, , 1817-1861.		7
299	The Chemistry and Biology of Multivalent Saccharide Displays. , 2001, , 221-275.		9
300	Visualization of Single Multivalent Receptorâ€“Ligand Complexes by Transmission Electron Microscopy. Angewandte Chemie - International Edition, 2000, 39, 4567-4570.	13.8	59
301	Synthetic multivalent ligands in the exploration of cell-surface interactions. Current Opinion in Chemical Biology, 2000, 4, 696-703.	6.1	520
302	Tuning chemotactic responses with synthetic multivalent ligands. Chemistry and Biology, 2000, 7, 583-591.	6.0	86
303	Synthesis of end-labeled multivalent ligands for exploring cell-surface-receptorâ€“ligand interactions. Chemistry and Biology, 2000, 7, 9-16.	6.0	125
304	Motility and Chemotaxis of Filamentous Cells ofEscherichia coli. Journal of Bacteriology, 2000, 182, 4337-4342.	2.2	92
305	Evolutionary Conservation of Methyl-Accepting Chemotaxis Protein Location in Bacteria and Archaea. Journal of Bacteriology, 2000, 182, 6499-6502.	2.2	96
306	In vitro and in vivo inhibition of anti-gal secreting cells. Transplantation Proceedings, 2000, 32, 856.	0.6	0

#	Article	IF	Citations
307	Staudinger Ligation:â€‰ A Peptide from a Thioester and Azide. Organic Letters, 2000, 2, 1939-1941.	4.6	482
308	Chapter 29. Principles for multivalent ligand design. Annual Reports in Medicinal Chemistry, 2000, 35, 321-330.	0.9	64
309	Synergistic Formation of Soluble Lectin Clusters by a Templated Multivalent Saccharide Ligand. Journal of the American Chemical Society, 2000, 122, 4518-4519.	13.7	78
310	Visualization of Single Multivalent Receptor-Ligand Complexes by Transmission Electron Microscopy The authors thank Colleen Lavin (UW Madison, Microscopy Resource) and Kim Dickson for experimental support. This work was supported in part by the NIH (GM 55984). J.E.G. acknowledges the NIH Biotechnology Training Grant for support (T32GM08349). L.E.S. was supported by an NIH predoctoral fellowship (GM 18750).. Angewandte Chemie - International Edition, 2000, 39, 4567-4570.	13.8	6
311	Inhibition of L-selectin-mediated Leukocyte Rolling by Synthetic Glycoprotein Mimics. Journal of Biological Chemistry, 1999, 274, 5271-5278.	3.4	90
312	Recognition Sequence Design for Peptidyl Modulators of Î²-Amyloid Aggregation and Toxicityâ€. Biochemistry, 1999, 38, 3570-3578.	2.5	218
313	A General Synthetic Route to Defined, Biologically Active Multivalent Arrays. Journal of the American Chemical Society, 1999, 121, 6193-6196.	13.7	211
314	Synthetic ligands point to cell surface strategies. Nature, 1998, 392, 30-31.	27.8	135
315	Transforming the cell surface through proteolysis. Chemistry and Biology, 1998, 5, R49-R62.	6.0	36
316	Glycoprotein-inspired materials promote the proteolytic release of cell surface l-Selectin. Bioorganic and Medicinal Chemistry, 1998, 6, 1293-1299.	3.0	54
317	Bioactive Polymers. Topics in Organometallic Chemistry, 1998, , 199-231.	0.7	32
318	Probing Low Affinity and Multivalent Interactions with Surface Plasmon Resonance:â€‰ Ligands for Concanavalin A. Journal of the American Chemical Society, 1998, 120, 10575-10582.	13.7	323
319	The Molecular Recognition of Saccharides and Glycoprotein-Inspired Materials. , 1998, , 183-212.		1
320	Solution conformation of Lewis a-derived selectin ligands is unaffected by anionic substituents at the 3'- and 6'- positions. Glycobiology, 1997, 7, 337-347.	2.5	8
321	Varying the Size of Multivalent Ligands:Â The Dependence of Concanavalin A Binding on Neoglycopolymer Length. Journal of the American Chemical Society, 1997, 119, 9931-9932.	13.7	295
322	Synthesis of Sulfated Neoglycopolymers:Â Selective P-Selectin Inhibitors. Journal of the American Chemical Society, 1997, 119, 3161-3162.	13.7	173
323	Hydrolysis of Double-Stranded and Single-Stranded RNA in Hairpin Structures by the Copper(II) Macrocycle Cu([9]aneN3)Cl2. Inorganic Chemistry, 1997, 36, 1715-1718.	4.0	71
324	Neoglycopolymers produced by aqueous ring-opening metathesis polymerization: decreasing saccharide density increases activity. Journal of Molecular Catalysis A, 1997, 116, 209-216.	4.8	65

#	Article	IF	Citations
325	Neoglycopolymer inhibitors of the selectins. Tetrahedron, 1997, 53, 11937-11952.	1.9	142
326	Synthesis of sulfated trisaccharide ligands for the selectins. Tetrahedron, 1997, 53, 16391-16422.	1.9	38
327	Para-chlorobenzyl protecting groups as stabilizers of the glycosidic linkage: Synthesis of the 3â€²-O-sulfated Lewis x trisaccharide. Tetrahedron Letters, 1997, 38, 6985-6988.	1.4	35
328	L-Selectinâ˜Carbohydrate Interactions:Â Relevant Modifications of the Lewis x Trisaccharideâ€. Biochemistry, 1996, 35, 14862-14867.	2.5	80
329	Reactivity of a 2â€˜-Thio Nucleotide Analog. Journal of the American Chemical Society, 1996, 118, 11715-11719.	13.7	51
330	Fluorescence Anisotropy Assays Reveal Affinities ofC- andO-Glycosides for Concanavalin A1. Journal of Organic Chemistry, 1996, 61, 534-538.	3.2	61
331	Recognition Specificity of Neoglycopolymers Prepared by Ring-Opening Metathesis Polymerization. Journal of the American Chemical Society, 1996, 118, 2297-2298.	13.7	259
332	Specificity ofC-Glycoside Complexation by Mannose/Glucose Specific Lectinsâ€. Biochemistry, 1996, 35, 3619-3624.	2.5	104
333	A Strategy for Designing Inhibitors of Î²-Amyloid Toxicity. Journal of Biological Chemistry, 1996, 271, 29525-29528.	3.4	197
334	Tin-mediated phosphorylation: Synthesis and selectin binding of a phospho Lewis a analog. Tetrahedron Letters, 1996, 37, 1953-1956.	1.4	28
335	Convergent synthesis of sulfated bivalent glycopeptides as selectin ligands. Tetrahedron Letters, 1996, 37, 2907-2910.	1.4	18
336	Strength in numbers: non-natural polyvalent carbohydrate derivatives. Chemistry and Biology, 1996, 3, 71-77.	6.0	360
337	Preparation of (r)-(+)-7-oxabicyclo[2.2.1]hept-5-ene-exo-2-carboxylic acid, a precursor to substrates for the ring opening metathesis polymerization. Tetrahedron Letters, 1996, 37, 8853-8856.	1.4	18
338	Selectin-Saccharide Interactions: Revealing Structure-Function Relationships with Chemical Synthesis. Journal of Organic Chemistry, 1995, 60, 6254-6255.	3.2	44
339	Stereoselective, Lewis acid-catalyzed glycosylation of alcohols by glucose 1,2-cyclic sulfites. Tetrahedron Letters, 1994, 35, 7335-7338.	1.4	49
340	Synthesis of Cell Agglutination Inhibitors by Aqueous Ring-Opening Metathesis Polymerization. Journal of the American Chemical Society, 1994, 116, 12053-12054.	13.7	233
341	Flanking sequence effects within the pyrimidine triple-helix motif characterized by affinity cleaving. Biochemistry, 1992, 31, 2829-2834.	2.5	105
342	Recognition of all four base pairs of double-helical DNA by triple-helix formation: design of nonnatural deoxyribonucleosides for pyrimidine.cntdot.purine base pair binding. Journal of the American Chemical Society, 1992, 114, 7976-7982.	13.7	125

#	Article	IF	Citations
343	Further investigations of the type II diels-alder route to the bicyclic core of esperamicin/calichemicin reveal a regiochemical misassignment: Meta vs. para selectivity. Tetrahedron Letters, 1989, 30, 433-436.	1.4	36
344	Model of the interactions of calichemicin gamma 1 with a DNA fragment from pBR322.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 1105-1109.	7.1	89
345	Synthesis of the bicyclic core of the esperamicin/calichemicin class of antitumor agents. Journal of the American Chemical Society, 1988, 110, 631-633.	13.7	89
346	Structure-activity relationships of 6-(heterocyclyl)-methylene penam sulfones. A new class of .BETA.-lactamase inhibitors.. Journal of Antibiotics, 1987, 40, 803-822.	2.0	37