

Koji Matsuoka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6696100/publications.pdf>

Version: 2024-02-01

125
papers

2,950
citations

159585

30
h-index

189892

50
g-index

130
all docs

130
docs citations

130
times ranked

2354
citing authors

#	ARTICLE	IF	CITATIONS
1	E3 ubiquitin ligase that recognizes sugar chains. <i>Nature</i> , 2002, 418, 438-442.	27.8	341
2	A therapeutic agent with oriented carbohydrates for treatment of infections by Shiga toxin-producing <i>Escherichia coli</i> O157:H7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7669-7674.	7.1	190
3	Oral Therapeutic Agents with Highly Clustered Globotriose for Treatment of Shiga Toxigenic <i>Escherichia coli</i> Infections. <i>Journal of Infectious Diseases</i> , 2004, 189, 360-368.	4.0	118
4	Identification of the Optimal Structure Required for a Shiga Toxin Neutralizer with Oriented Carbohydrates to Function in the Circulation. <i>Journal of Infectious Diseases</i> , 2005, 191, 2097-2105.	4.0	96
5	Synthetic assembly of trisaccharide moieties of globotriaosyl ceramide using carbosilane dendrimers as cores. A new type of functional glyco-material. <i>Tetrahedron Letters</i> , 1999, 40, 7839-7842.	1.4	95
6	Synthetic glycoconjugates. 2. n-Pentenyl glycosides as convenient mediators for the syntheses of new types of glycoprotein models. <i>Macromolecules</i> , 1991, 24, 4236-4241.	4.8	82
7	Synthetic Glycoconjugates. 4. Use of .omega.-(Acrylamido)alkyl Glycosides for the Preparation of Cluster Glycopolymers. <i>Macromolecules</i> , 1994, 27, 4876-4880.	4.8	75
8	Carbosilane glycodendrimers. <i>Chemical Society Reviews</i> , 2013, 42, 4574-4598.	38.1	70
9	Identification and Characterization of Carbohydrate Molecules in Mammalian Cells Recognized by Dengue Virus Type 2. <i>Journal of Biochemistry</i> , 2006, 139, 607-614.	1.7	68
10	Synthetic glycoconjugates: simple and potential glycoprotein models containing pendant N-acetyl-D-glucosamine and N,N'-diacetylchitobiose. <i>Macromolecules</i> , 1990, 23, 4182-4184.	4.8	59
11	An alternative route for the construction of carbosilane dendrimers uniformly functionalized with lactose or sialyllactose moieties. <i>Tetrahedron Letters</i> , 2001, 42, 3327-3330.	1.4	58
12	Chemoenzymic Preparation of a Glycoconjugate Polymer Having a Sialyloligosaccharide: Neu5Ac1±(2â†³)Gal1²(1â†⁴)GlcNAc. <i>Biochemical and Biophysical Research Communications</i> , 1994, 199, 249-254. ^{2.1}		55
13	Properties of family 79 Î²-glucuronidases that hydrolyze Î²-glucuronosyl and 4-O-methyl-Î²-glucuronosyl residues of arabinogalactan-protein. <i>Carbohydrate Research</i> , 2008, 343, 1191-1201.	2.3	54
14	A Bifunctional Enzyme with L-Fucokinase and GDP-L-fucose Pyrophosphorylase Activities Salvages Free L-Fucose in Arabidopsis. <i>Journal of Biological Chemistry</i> , 2008, 283, 8125-8135.	3.4	50
15	Comparison of Acid Hydrolytic Conditions for Asn-Linked Oligosaccharides. <i>Analytical Biochemistry</i> , 1994, 219, 375-378.	2.4	48
16	Synthesis and Influenza Virus Inhibitory Activities of Carbosilane Dendrimers Peripherally Functionalized with Hemagglutinin-Binding Peptide. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8332-8339.	6.4	47
17	Chemoenzymatic oligosaccharide synthesis on a soluble polymeric carrier. <i>Tetrahedron Letters</i> , 1994, 35, 5657-5660.	1.4	46
18	Syntheses and biological evaluations of carbosilane dendrimers uniformly functionalized with sialyl Î±(2â†³) lactose moieties as inhibitors for human influenza viruses. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5465-5475.	3.0	46

#	ARTICLE	IF	CITATIONS
19	Systematic syntheses of influenza neuraminidase inhibitors: A series of carbosilane dendrimers uniformly functionalized with thioglycoside-type sialic acid moieties. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5451-5464.	3.0	45
20	Bifunctional cytosolic UDP-glucose 4-epimerases catalyse the interconversion between UDP-<sc>D</sc>-xylose and UDP-<sc>L</sc>-arabinose in plants. <i>Biochemical Journal</i> , 2009, 424, 169-177.	3.7	43
21	Thiosialoside clusters using carbosilane dendrimer core scaffolds as a new class of influenza neuraminidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 717-721.	2.2	40
22	Synthetic Glycoconjugates. 5. Polymeric Sugar Ligands Available for Determining the Binding Specificity of Lectins. <i>Macromolecules</i> , 1995, 28, 2961-2968.	4.8	39
23	Introduction of monosaccharides having functional groups onto a carbosilane dendrimer: A broadly applicable one-pot reaction in liquid ammonia involving Birch reduction and subsequent Sn2 reaction. <i>Carbohydrate Research</i> , 2000, 329, 765-772.	2.3	39
24	Structural Analysis of the Interaction between Shiga Toxin B Subunits and Linear Polymers Bearing Clustered Globotriose Residues. <i>Infection and Immunity</i> , 2006, 74, 1984-1988.	2.2	37
25	Novel synthesis of l-iduronic acid using trehalose as the disaccharidic starting material. <i>Tetrahedron Letters</i> , 1999, 40, 1501-1504.	1.4	34
26	Synthetic glycoconjugates. 3. An efficient synthesis of a glycoprotein model having a Lex-type trisaccharide sequence of tumor-associated carbohydrate antigen. <i>Macromolecules</i> , 1994, 27, 157-163.	4.8	33
27	Synthesis of carbosilane dendrimers having peripheral mannose and mannobiose. <i>Tetrahedron</i> , 2005, 61, 2751-2760.	1.9	33
28	Syntheses and Vero toxin-binding activities of carbosilane dendrimers periphery-functionalized with galabiose. <i>Tetrahedron</i> , 2006, 62, 5074-5083.	1.9	32
29	Synthesis of Carbosilane Compounds Functionalized with Three or Four ² -Cyclodextrin Moieties. Use of a One-Pot Reaction in Liquid Ammonia for Birch Reduction and the Subsequent SN2 Replacement. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 2709-2713.	3.2	31
30	Preparation of New Carbosilane Dendrimers Carrying Mesogenic Groups. <i>Chemistry Letters</i> , 1998, 27, 59-60.	1.3	31
31	Sialyl β (2 \rightarrow 3) lactose clusters using carbosilane dendrimer core scaffolds as influenza hemagglutinin blockers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4405-4408.	2.2	30
32	Syntheses of a series of lacto-N-neotetraose clusters using a carbosilane dendrimer scaffold. <i>Carbohydrate Research</i> , 2006, 341, 467-473.	2.3	28
33	Lactotriose-containing carbosilane dendrimers: Syntheses and lectin-binding activities. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 1606-1614.	3.0	28
34	Fluorescence quenching detection of peanut agglutinin based on photoluminescent silole-core carbosilane dendrimer peripherally functionalized with lactose. <i>Tetrahedron Letters</i> , 2009, 50, 5816-5819.	1.4	27
35	Enzymatic fragmentation of carbohydrate moieties of radish arabinogalactan-protein and elucidation of the structures. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 818-831.	1.3	26
36	Synthesis of a useful lauryl thioglycoside of sialic acid and its application. <i>Tetrahedron Letters</i> , 2004, 45, 9383-9386.	1.4	25

#	ARTICLE	IF	CITATIONS
37	l-Fucose-containing arabinogalactan-protein in radish leaves. <i>Carbohydrate Research</i> , 2015, 415, 1-11.	2.3	25
38	2- <i>Benzo</i> ylpyridine Ligand Complexation with Gold Critical for Propargyl Ester-Based Protein Labeling. <i>Chemistry - A European Journal</i> , 2018, 24, 10595-10600.	3.3	25
39	Synthesis of glycoconjugate polymer carrying globotriaose as artificial multivalent ligand for Shiga toxin-producing <i>Escherichia coli</i> O157: H7. <i>Carbohydrate Polymers</i> , 2004, 57, 441-450.	10.2	24
40	Novel linear polymers bearing thiosialosides as pendant-type epitopes for influenza neuraminidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3826-3830.	2.2	24
41	Synthesis of bi-fluorescence-labeled lactoside: A substrate for continual assay of ceramide glycanase. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 2335-2338.	1.8	22
42	Carbosilane Dendrimers Bearing Globotriaoses: Construction of a Series of Carbosilane Dendrimers Bearing Globotriaoses. <i>Biomacromolecules</i> , 2006, 7, 2284-2290.	5.4	22
43	Total synthesis of the proposed structure for pochonicine and determination of its absolute configuration. <i>Tetrahedron Letters</i> , 2013, 54, 1456-1459.	1.4	22
44	Synthesis of a useful anomeric thioacetate of an N-acetyllactosamine derivative and its application. <i>Tetrahedron Letters</i> , 2003, 44, 3617-3620.	1.4	21
45	Carbosilane Dendrimers Bearing Globotriaoses: Syntheses of Globotriaosyl Derivative and Introduction into Carbosilane Dendrimers. <i>Biomacromolecules</i> , 2006, 7, 2274-2283.	5.4	20
46	Carbohydrate immobilized on a dendrimer-coated colloidal gold surface for fabrication of a lectin-sensing device based on localized surface plasmon resonance spectroscopy. <i>Biosensors and Bioelectronics</i> , 2013, 41, 465-470.	10.1	20
47	Relapsing fever <i>Borrelia</i> binds to neolacto glycans and mediates rosetting of human erythrocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19280-19285.	7.1	19
48	Synthesis and Structural Revision of a Brominated Sesquiterpenoid, Aldingenin C. <i>Journal of Organic Chemistry</i> , 2014, 79, 9373-9380.	3.2	19
49	Self-healing of biobased furan polymers: Recovery of high mechanical strength by mild heating. <i>Polymer Degradation and Stability</i> , 2019, 161, 13-18.	5.8	19
50	Total Synthesis of Kehokorins A-E, Cytotoxic <i>p</i> -Terphenyls. <i>Journal of Organic Chemistry</i> , 2017, 82, 3159-3166.	3.2	17
51	Practical synthesis of fully protected globotriaose and its glycopolymers. <i>Carbohydrate Polymers</i> , 2007, 69, 326-335.	10.2	16
52	A New Approach to Assay Endo-Type Carbohydrases: Bifluorescent-Labeled Substrates for Glycoamidases and Ceramide Glycanases. <i>Analytical Biochemistry</i> , 1995, 230, 31-36.	2.4	15
53	Regioselective synthesis of methylated β -cyclodextrins leaving hydroxy groups. <i>Tetrahedron Letters</i> , 2001, 42, 1531-1533.	1.4	15
54	Highly luminescent glycocluster: silole-core carbosilane dendrimer having peripheral globotriaose. <i>Tetrahedron Letters</i> , 2007, 48, 4365-4368.	1.4	15

#	ARTICLE	IF	CITATIONS
55	Synthetic studies of bi-fluorescence-labeled maltooligosaccharides as substrates for α -amylase on the basis of fluorescence resonance energy transfer (FRET). <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 435-445.	3.0	14
56	A bi-fluorescence-labeled substrate for ceramide glycanase based on fluorescence energy transfer. <i>Carbohydrate Research</i> , 1995, 276, 31-42.	2.3	13
57	Synthetic Assembly of Mannose Moieties Using Polymer Chemistry and the Biological Evaluation of Its Interaction towards Concanavalin A. <i>Molecules</i> , 2017, 22, 157.	3.8	13
58	Alcohol-assisted self-healing network polymer based on vicinal tricarbonyl chemistry. <i>Polymer</i> , 2019, 161, 101-108.	3.8	13
59	Preparation and Characterization of Carbosilane Dendrimers Carrying Mesogens with Chiral Substituent. <i>Chemistry Letters</i> , 1999, 28, 565-566.	1.3	12
60	An Improved Preparation of N,N'-Diacetylchitobiose by Continuous Enzymatic Degradation of Colloidal Chitin Using Dialysis Tubing as a Convenient Separator. <i>Biomacromolecules</i> , 2000, 1, 798-800.	5.4	12
61	Synthetic construction of a Lex determinant via Gabriel amine synthesis and the glycopolymer involving highly clustered Lex residues. <i>Tetrahedron Letters</i> , 2009, 50, 2593-2596.	1.4	12
62	Simple and conveniently accessible bi-fluorescence-labeled substrates for amylases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1969-1971.	2.2	12
63	Synthetic Assembly of Bifluorescence-Labeled Glycopolymers as Substrates for Assaying α -Amylase by Resonance Energy Transfer. <i>ACS Macro Letters</i> , 2012, 1, 266-269.	4.8	12
64	Impaired O-Glycosylation at Consecutive Threonine TTX Motifs in Mucins Generates Conformationally Restricted Cancer Neopeptides. <i>Biochemistry</i> , 2020, 59, 1221-1241.	2.5	12
65	[22] Preparation of glycoprotein models: Pendant-type oligosaccharide polymers. <i>Methods in Enzymology</i> , 1994, 242, 235-246.	1.0	10
66	Synthesis and Characterization of Photo-Responsive Carbosilane Dendrimers. <i>Molecules</i> , 2009, 14, 2226-2234.	3.8	10
67	Synthesis of sialic acid derivatives having a CC double bond substituted at the C-5 position and their glycopolymers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5105-5108.	2.2	10
68	Synthesis and biological evaluation of sialic acid derivatives containing a long hydrophobic chain at the anomeric position and their C-5 linked polymers as potent influenza virus inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 446-454.	3.0	10
69	Synthesis of Amphiphilic Chitoheptaose Derivative. <i>Tetrahedron Letters</i> , 1997, 38, 8041-8044.	1.4	9
70	Synthetic construction of a fucosyl chitobiose as an allergen-associated carbohydrate epitope and the glycopolymer involving highly clustered trisaccharidic sequences. <i>Tetrahedron Letters</i> , 2010, 51, 2529-2532.	1.4	9
71	Immobilization of carbohydrate clusters on a quartz crystal microbalance sensor surface. <i>Journal of Colloid and Interface Science</i> , 2013, 393, 257-263.	9.4	9
72	Preparation of Functional Monomers as Precursors of Bioprobes from a Common Styrene Derivative and Polymer Synthesis. <i>Molecules</i> , 2018, 23, 2875.	3.8	9

#	ARTICLE	IF	CITATIONS
73	Verification of suitable ratio of carbohydrate residues in a glycopolymer having GlcNAc moieties for determining the affinity for wheat germ agglutinin. <i>Journal of Molecular Structure</i> , 2020, 1217, 128404.	3.6	9
74	Preparation of Amphiphilic Polysilanes Bearing Chiral Pendant Ammonium Moieties. <i>Chemistry Letters</i> , 1998, 27, 681-682.	1.3	8
75	Synthetic assembly of novel avidin-biotin-GlcNAc (ABG) complex as an attractive bio-probe and its interaction with wheat germ agglutinin (WGA). <i>Bioorganic Chemistry</i> , 2016, 68, 219-225.	4.1	8
76	A Facile and Quantitative Preparation of Activated Cyclic Sugar Derivatives Using HgBr ₂ and 2,4,6-Collidine. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 1715-1720.	3.2	7
77	Preparation and Characterization of Water-Soluble Polysilanes Bearing Chiral Pendant Ammonium Moieties. <i>Polymer Journal</i> , 2000, 32, 113-117.	2.7	7
78	Analytical investigations of the behavior of silole-core dendrimers with peripheral globotriaose in water and acetone/water mixed solvent. <i>Tetrahedron Letters</i> , 2010, 51, 1545-1549.	1.4	7
79	Synthesis of sialyllactosamine clusters using carbosilane as core scaffolds by means of chemical and enzymatic approaches. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4906-4910.	2.2	7
80	Lectin Detection Based on the Aggregation-Induced Emission Effect. <i>Trends in Glycoscience and Glycotechnology</i> , 2012, 24, 78-94.	0.1	7
81	Use of chloromethylstyrene as a supporter for convenient preparation of carbohydrate monomer and glycopolymers. <i>Carbohydrate Polymers</i> , 2014, 107, 209-213.	10.2	7
82	Preparation of glycopolymers having sialyl α 3 lactose moieties as the potent inhibitors for mumps virus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 52, 128389.	2.2	7
83	Efficient Conversion of a 1,6-Anhydro Chitobiose Derivative into the Corresponding Tetradecyl β 2-Glycoside Derivative by Means of Participation of a Neighboring Tetradecanamide Group. <i>Journal of Carbohydrate Chemistry</i> , 1998, 17, 231-239.	1.1	6
84	Synthesis of Amphiphilic Chitopentaose and Chitoheptaose Derivatives Using a Common Disaccharidic Synthone as the Chain Elongation Unit. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 163-171.	3.2	6
85	Synthetic Assembly of β -CD Moieties Using Carbosilane Dendrimer as the Core Frame.. <i>Kobunshi Ronbunshu</i> , 2000, 57, 691-695.	0.2	6
86	Site-Specific, Covalent Attachment of Poly(dT)-Modified Peptides To Solid Surfaces for Microarrays. <i>Bioconjugate Chemistry</i> , 2007, 18, 1778-1785.	3.6	6
87	Convenient assembly of trimeric Lex determinants using carbosilane scaffolds by means of Huisgen cycloaddition. <i>Tetrahedron Letters</i> , 2012, 53, 6793-6796.	1.4	6
88	Fluorogenic glycopolymers available for determining the affinity of lectins by intermolecular FRET. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127024.	2.2	6
89	A carbosilane dendrimer and a silacyclopentadiene analog carrying peripheral lactoses as drug-delivery systems. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 3564-3566.	2.2	5
90	Structural revision of kynapcin-12 by total synthesis, and inhibitory activities against prolyl oligopeptidase and cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3373-3376.	2.2	5

#	ARTICLE	IF	CITATIONS
91	Synthetic construction of sugar-amino acid hybrid polymers involving globotriaose or lactose and evaluation of their biological activities against Shiga toxins produced by <i>Escherichia coli</i> O157:H7. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5792-5803.	3.0	5
92	A constraint scaffold enhances affinity of a bivalent N-acetylglucosamine ligand against wheat germ agglutinin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1704-1707.	2.2	5
93	Neuraminidase-triggered activation of prodrug-type substrate of 4-nitroaniline. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126883.	2.2	5
94	A Novel Method for the Production of Glycosphingolipids. <i>Helvetica Chimica Acta</i> , 2012, 95, 67-75.	1.6	4
95	Synthesis of Fluorinated Polymers and Evaluation of Wettability. <i>Molecules</i> , 2016, 21, 358.	3.8	4
96	Systematic synthesis of a series of glycopolymers having N-acetyl-D-glucosamine moieties that can be used for evaluations of lectin-carbohydrate interactions. <i>European Polymer Journal</i> , 2022, 168, 111101.	5.4	4
97	[26] Preparation of fluorescence-labeled neoglycolipids for ceramide glycanase assays. <i>Methods in Enzymology</i> , 1997, 278, 519-528.	1.0	3
98	Synthetic conversion of cellobiose into the glycal-type monomers and their polymerization. <i>Tetrahedron Letters</i> , 1998, 39, 5789-5792.	1.4	3
99	Use of a recycle-type SEC method as a powerful tool for purification of thiosialoside derivatives. <i>Carbohydrate Research</i> , 2008, 343, 2735-2739.	2.3	3
100	Synthesis and lectin-binding activity of luminescent silica particles peripherally functionalized with lactose. <i>Tetrahedron Letters</i> , 2008, 49, 5593-5596.	1.4	3
101	LARGE SCALE BIOSYNTHESIS OF GANGLIOSIDE ANALOGUES BY RERF-LC-AI CELLS CULTURED IN HYPERFlask. <i>Preparative Biochemistry and Biotechnology</i> , 2012, 42, 378-392.	1.9	3
102	Inhibitory effects and specificity of synthetic sialyldendrimers toward recombinant human cytosolic sialidase 2 (NEU2). <i>Glycobiology</i> , 2013, 23, 495-504.	2.5	3
103	DNA-based mutation assay GPMA (genome profiling-based mutation assay): reproducibility, parts-per-billion scale sensitivity, and introduction of a mammalian-cell-based approach. <i>Journal of Biochemistry</i> , 2017, 162, 395-401.	1.7	3
104	Site-Specific, Covalent Attachment of Poly(dT)-Modified Peptides To Solid Surfaces for Microarrays. , O, , .		3
105	Biological Evaluation of Multivalent-Type N-Acetyl-D-Glucosamine (GlcNAc) Conjugates for Wheat Germ Agglutinin (WGA) by the Surface Plasmon Resonance (SPR) Method. <i>SOJ Biochemistry</i> , 2016, 2, 1-7.	0.2	3
106	Synthesis of chiral dopants based on carbohydrates. <i>Carbohydrate Research</i> , 2014, 393, 15-22.	2.3	2
107	Synthesis of 3-phenyldibenzo[<i>b,d</i>]furan-type bioprobes utilizing vialinin B as a structural motif. <i>Synthetic Communications</i> , 2017, 47, 22-28.	2.1	2
108	Iodoacetyl-functionalized pullulan: A supplemental enhancer for single-domain antibody-polyclonal antibody sandwich enzyme-linked immunosorbent assay for detection of survivin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4844-4848.	2.2	2

#	ARTICLE	IF	CITATIONS
109	Glyco-silicon Functional Materials as Anti-influenza Virus Agents. <i>Open Glycoscience</i> , 2012, 5, 31-40.	0.4	2
110	Chemical Synthesis of Cellulose. <i>Trends in Glycoscience and Glycotechnology</i> , 1996, 8, 441-442.	0.1	1
111	Improved solubility of β -cyclodextrin inclusion complexes by using liquid ammonia as a solvent and the possibility of asymmetric reduction. <i>Carbohydrate Polymers</i> , 2002, 47, 373-376.	10.2	1
112	Preparation of New Carbosilane Dendrimers Having Terminal Mesogens and Investigation of Their Liquid Crystal Characteristics. <i>Kobunshi Ronbunshu</i> , 2003, 60, 561-568.	0.2	1
113	Influence of passage number on glycosylation of alkyl lactosides by Madin-Darby canine kidney (MDCK) cells. <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 552-555.	2.2	1
114	Intricate Recognition of Glycolipid-Like Compounds by HIV-1 Envelope Proteins Evaluated with Surface Plasmon Resonance Imaging. <i>Journal of Carbohydrate Chemistry</i> , 2012, 31, 584-592.	1.1	1
115	Effect of Aglycon Structure on Saccharide Elongation by Cells. <i>Chemistry and Biodiversity</i> , 2015, 12, 239-247.	2.1	1
116	Total Synthesis of a Heptasaccharide Phytoalexin Elicitor through Solid Phase Synthesis.. <i>Trends in Glycoscience and Glycotechnology</i> , 1997, 9, 411-412.	0.1	1
117	Syntheses of Carbosilane Dendrimers Carrying Peripheral Globotriaose Derivatives-The Relationship between the Carbosilane Dendrimer Structure and the Magnitude for Neutralizing Shiga toxin-producing <i>Escherichia coli</i> O157:H7-. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2005, 63, 722-727.	0.1	1
118	α,β-D-Glucopyranosyl 1,2:3,6-di-O-isopropylidene-α-D-glucopyranoside. <i>Nippon Nogeikagaku Kaishi</i> , 2004, 78, 863-865.	0.0	0
119	Syntheses of Carbosilane Dendrimers Carrying Peripheral Globotriaose Derivatives The Relationship Between the Carbosilane Dendrimer Structure and the Magnitude for Neutralizing Shiga Toxin-Producing <i>Escherichia coli</i> O157:H7. <i>ChemInform</i> , 2005, 36, no.	0.0	0
120	Probing Single-Molecule Enzymatic Dynamics of B-Glucosidase using Zero-Mode Waveguides. <i>Biophysical Journal</i> , 2013, 104, 178a.	0.5	0
121	Frontispiece: 2-Benzoylpyridine Ligand Complexation with Gold Critical for Propargyl Ester-Based Protein Labeling. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
122	Synthetic assembly of two β -cyclodextrins through a trehalose moiety as a linker. <i>Tetrahedron Letters</i> , 2021, , 153287.	1.4	0
123	Preparation of lauryl thioglycoside of N-glycolylneuraminic acid (Neu5Gc) as a useful glycosyl donor for assembly of an oligosaccharide containing Neu5Gc. <i>Tetrahedron Letters</i> , 2021, 83, 153403.	1.4	0
124	Sugar Polymers (Dendrimers and Pendant-Type Linear Polymers). , 2008, , 206-209.		0
125	Chemical modification of CNN 1. Complete protection of CNN. <i>Tetrahedron Letters</i> , 2022, , 153986.	1.4	0