Shoko Nishihara

List of Publications by Year
in descending order

138	3,681	117625 34	149698 56
papers	citations	h-index	g-index

145	145	145	3830
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mice lacking Î±1,3-fucosyltransferase IX demonstrate disappearance of Lewis x structure in brain and increased anxiety-like behaviors. Glycobiology, 2007, 17, 1-9.	2.5	154
2	Cloning, Expression, and Characterization of a Novel UDP-galactose:Î²-N-Acetylglucosamine Î²1,3-Galactosyltransferase (Î²3Gal-T5) Responsible for Synthesis of Type 1 Chain in Colorectal and Pancreatic Epithelia and Tumor Cells Derived Therefrom. Journal of Biological Chemistry, 1999, 274, 12499-12507.	3.4	127
3	Cloning and expression of a human gene encoding an N-acetylgalactosamine-Â2,6-sialyltransferase (ST6GalNAc I): a candidate for synthesis of cancer-associated sialyl-Tn antigens. Glycobiology, 1999, 9, 1213-1224.	2.5	123
4	Cloning and Characterization of a New Human UDP-N-Acetyl-Î±-d-galactosamine:PolypeptideN-Acetylgalactosaminyltransferase, Designated pp-GalNAc-T13, That Is Specifically Expressed in Neurons and Synthesizes GalNAc Î±-Serine/Threonine Antigen. Journal of Biological Chemistry, 2003, 278, 573-584.	3.4	123
5	Molecular Cloning and Identification of 3â€²-Phosphoadenosine 5â€²-Phosphosulfate Transporter. Journal of Biological Chemistry, 2003, 278, 25958-25963.	3.4	123
6	Molecular Cloning and Characterization of UDP-GlcNAc:Lactosylceramide Î²1,3-N-Acetylglucosaminyltransferase (Î²3Gn-T5), an Essential Enzyme for the Expression of HNK-1 and Lewis X Epitopes on Glycolipids. Journal of Biological Chemistry, 2001, 276, 22032-22040.	3.4	116
7	Î±1,3-Fucoslytransferase IX (Fuc-TIX) is very highly conserved between human and mouse; molecular cloning, characterization and tissue distribution of human Fuc-TIX. FEBS Letters, 1999, 452, 237-242.	2.8	112
8	Molecular Genetic Analysis of the Human Lewis Histo-blood Group System. Journal of Biological Chemistry, 1996, 271, 9830-9837.	3.4	110
9	CD15 Expression in Mature Granulocytes Is Determined by Î±1,3-Fucosyltransferase IX, but in Promyelocytes and Monocytes by Î±1,3-Fucosyltransferase IV. Journal of Biological Chemistry, 2001, 276, 16100-16106.	3.4	108
10	Heparan Sulfate Regulates Self-renewal and Pluripotency of Embryonic Stem Cells. Journal of Biological Chemistry, 2008, 283, 3594-3606.	3.4	99
11	The Twisted Abdomen Phenotype of Drosophila POMT1 and POMT2 Mutants Coincides with Their Heterophilic Protein O-Mannosyltransferase Activity. Journal of Biological Chemistry, 2004, 279, 42638-42647.	3.4	97
12	Newly established cell lines fromDrosophila larval CNS express neural specific characteristics. In Vitro Cellular and Developmental Biology - Animal, 1994, 30, 209-216.	1.5	89
13	Drosophila Glucosylceramide Synthase. Journal of Biological Chemistry, 2004, 279, 35995-36002.	3.4	86
14	Î±1,3-Fucosyltransferase 9 (FUT9; Fuc-TIX) preferentially fucosylates the distal GlcNAc residue of polylactosamine chain while the other four Î±1,3FUT members preferentially fucosylate the inner GlcNAc residue. FEBS Letters, 1999, 462, 289-294.	2.8	83
15	alpha1,3-Fucosyltransferase IX (Fut9) determines Lewis X expression in brain. Glycobiology, 2003, 13, 445-455.	2.5	72
16	Enzymatic Synthesis of Chondroitin with a Novel Chondroitin Sulfate N-Acetylgalactosaminyltransferase That Transfers N-Acetylgalactosamine to Glucuronic Acid in Initiation and Elongation of Chondroitin Sulfate Synthesis. Journal of Biological Chemistry, 2002, 277, 38189-38196.	3.4	71
17	Î±(1,3/1,4)Fucosyltransferase (FucT-III) Gene Is Inactivated by a Single Amino Acid Substitution in Lewis Histo-blood Type Negative Individuals. Biochemical and Biophysical Research Communications, 1993, 196, 624-631.	2.1	70
18	Molecular Cloning and Characterization of a Novel 3â€²-Phosphoadenosine 5â€²-Phosphosulfate Transporter, PAPST2. Journal of Biological Chemistry, 2006, 281, 10945-10953.	3.4	67

#	Article	IF	Citations
19	Wide Variety of Point Mutations in the H Gene of Bombay and Para-Bombay Individuals That Inactivate H Enzyme. Blood, 1997, 90, 839-849.	1.4	66
20	Normal Embryonic and Germ Cell Development in Mice Lacking Î±1,3-Fucosyltransferase IX (Fut9) Which Show Disappearance of Stage-Specific Embryonic Antigen 1. Molecular and Cellular Biology, 2004, 24, 4221-4228.	2.3	66
21	Endoplasmic Reticulum/Golgi Nucleotide Sugar Transporters Contribute to the Cellular Release of UDP-sugar Signaling Molecules. Journal of Biological Chemistry, 2009, 284, 12572-12583.	3.4	63
22	Molecular Cloning and Characterization of a Human Multisubstrate Specific Nucleotide-sugar Transporter Homologous to Drosophila fringe connection. Journal of Biological Chemistry, 2004, 279, 26469-26474.	3.4	61
23	Human Î±-1,3 Fucosyltransferase (FucT-VI) Gene Is Located at Only 13 kb 3â€² to the Lewis Type Fucosyltransferase (FucT-III) Gene on Chromosome 19. Biochemical and Biophysical Research Communications, 1993, 190, 42-46.	2.1	57
24	LacdiNAc (GalNAcÎ²1-4GlcNAc) Contributes to Self-Renewal of Mouse Embryonic Stem Cells by Regulating Leukemia Inhibitory Factor/STAT3 Signaling. Stem Cells, 2011, 29, 641-650.	3.2	55
25	Two Pathways for Importing GDP-fucose into the Endoplasmic Reticulum Lumen Function Redundantly in the O-Fucosylation of Notch in Drosophila. Journal of Biological Chemistry, 2010, 285, 4122-4129.	3.4	47
26	The 3â€²-Phosphoadenosine 5â€²-Phosphosulfate Transporters, PAPST1 and 2, Contribute to the Maintenance and Differentiation of Mouse Embryonic Stem Cells. PLoS ONE, 2009, 4, e8262.	2.5	46
27	Proteoglycan UDP-Galactose:Î²-Xylose Î²1,4-Galactosyltransferase I Is Essential for Viability inDrosophila melanogaster. Journal of Biological Chemistry, 2003, 278, 15571-15578.	3.4	43
28	3-O-Sulfated Heparan Sulfate Recognized by the Antibody HS4C3 Contribute to the Differentiation of Mouse Embryonic Stem Cells via Fas Signaling. PLoS ONE, 2012, 7, e43440.	2.5	43
29	A novel glycosyltransferase with a polyglutamine repeat; a new candidate for GD1Î± synthase (ST6GalNAc V)1. FEBS Letters, 1999, 463, 92-96.	2.8	42
30	Lewis Type 1 Antigen Synthase (Î²3Gal-T5) Is Transcriptionally Regulated by Homeoproteins. Journal of Biological Chemistry, 2003, 278, 36611-36620.	3.4	42
31	Increased Apoptosis of Myoblasts in Drosophila Model for the Walker-Warburg Syndrome. PLoS ONE, 2010, 5, e11557.	2.5	40
32	Electron microscopy of primary cell cultures in solution and correlative optical microscopy using ASEM. Ultramicroscopy, 2014, 143, 52-66.	1.9	38
33	Distinct Substrate Specificities of Five Human Î±-1,3-Fucosyltransferases forin VivoSynthesis of the Sialyl Lewis x and Lewis x Epitopes. Biochemical and Biophysical Research Communications, 1997, 237, 131-137.	2.1	37
34	Expression of Cutaneous Lymphocyte-Associated Antigen Regulated by a Set of Glycosyltransferases in Human T Cells: Involvement of Î±1,3-Fucosyltransferase VII and Î²1,4-Galactosyltransferase I. Journal of Investigative Dermatology, 2000, 115, 299-306.	0.7	36
35	A chicken influenza virus recognizes fucosylated Î±2,3 sialoglycan receptors on the epithelial cells lining upper respiratory tracts of chickens. Virology, 2014, 456-457, 131-138.	2.4	35
36	Molecular behavior of mutant Lewis enzymes in vivo. Glycobiology, 1999, 9, 373-382.	2.5	33

#	Article	IF	Citations
37	Identification of the Drosophila core 1 Â1,3-galactosyltransferase gene that synthesizes T antigen in the embryonic central nervous system and hemocytes. Glycobiology, 2008, 18, 1094-1104.	2.5	31
38	Synthesis and characterization of a carbene-generating biotinylated N-acetylglucosamine for photoaffinity labeling of Î²-(1 â†' 4)-galactosyltransferase. Carbohydrate Research, 1996, 294, 95-108.	2.3	30
39	Up-regulation of Lewis enzyme (Fuc-TIII) and plasma-type ?1,3Fucosyltransferase (Fuc-TVI) expression determines the augmented expression of sialyl Lewis x antigen in non-small cell lung cancer. , 1999, 83, 70-79.		30
40	Identification and Characterization of a Novel Drosophila 3â€²-Phosphoadenosine 5â€²-Phosphosulfate Transporter. Journal of Biological Chemistry, 2006, 281, 28508-28517.	3.4	30
41	Identification of Genes Required for Neural-Specific Glycosylation Using Functional Genomics. PLoS Genetics, 2010, 6, e1001254.	3.5	29
42	Molecular mechanisms of expression of Lewis b antigen and other Type I Lewis antigens in human colorectal cancer. Glycobiology, 1999, 9, 607-616.	2.5	28
43	Involvement of Drosophila Sir2-like genes in the regulation of life span. Genes and Genetic Systems, 2006, 81, 341-348.	0.7	27
44	A Remodeling System of the 3â€²-Sulfo-Lewis a and 3â€²-Sulfo-Lewis x Epitopes. Journal of Biological Chemistry, 2001, 276, 38588-38594.	3.4	26
45	Immuno-Electron Microscopy of Primary Cell Cultures from Genetically Modified Animals in Liquid by Atmospheric Scanning Electron Microscopy. Microscopy and Microanalysis, 2014, 20, 469-483.	0.4	25
46	Phenotypeâ€based clustering of glycosylationâ€related genes by <scp>RNA</scp>iâ€mediated gene silencing. Genes To Cells, 2015, 20, 521-542.	1.2	25
47	Î²4GalT-II is a key regulator of glycosylation of the proteins involved in neuronal development. Biochemical and Biophysical Research Communications, 2005, 333, 131-137.	2.1	24
48	Expression and the role of 3'-phosphoadenosine 5'-phosphosulfate transporters in human colorectal carcinoma. Glycobiology, 2011, 21, 235-246.	2.5	24
49	Glycans in stem cell regulation: from <i>Drosophila</i> tissue stem cells to mammalian pluripotent stem cells. FEBS Letters, 2018, 592, 3773-3790.	2.8	24
50	The ortholog of human solute carrier family 35 member B1 (UDPâ€galactose transporterâ€related protein) Tj ETQq0 0 0 rgBT /Overlock in<i>Caenorhabditis elegans</i>. FASEB Journal, 2009, 23, 2215-2225.	0.5	22
51	O-GlcNAc on PKCÎ¶ Inhibits the FGF4-PKCÎ¶-MEK-ERK1/2 Pathway via Inhibition of PKCÎ¶ Phosphorylation in Mouse Embryonic Stem Cells. Stem Cell Reports, 2018, 10, 272-286.	4.8	22
52	Drosophila Î²1,4-N-acetylgalactosaminyltransferase-A synthesizes the LacdiNAc structures on several glycoproteins and glycosphingolipids. Biochemical and Biophysical Research Communications, 2007, 354, 522-527.	2.1	21
53	Glycosyltransferases and Transporters that Contribute to Proteoglycan Synthesis in Drosophila. Methods in Enzymology, 2010, 480, 323-351.	1.0	21
54	The transition of mouse pluripotent stem cells from the naÃ¯ve to the primed state requires Fas signaling through 3-O sulfated heparan sulfate structures recognized by the HS4C3 antibody. Biochemical and Biophysical Research Communications, 2013, 430, 1175-1181.	2.1	21

#	Article	IF	Citations
55	Functional Analysis of Proteoglycan Galactosyltransferase II RNA Interference Mutant Flies. Journal of Biological Chemistry, 2008, 283, 6076-6084.	3.4	20
56	Two Golgi-resident 3â€²-Phosphoadenosine 5â€²-Phosphosulfate Transporters Play Distinct Roles in Heparan Sulfate Modifications and Embryonic and Larval Development in Caenorhabditis elegans. Journal of Biological Chemistry, 2010, 285, 24717-24728.	3.4	20
57	Reduction of T antigen causes loss of hematopoietic progenitors in Drosophila through the inhibition of filopodial extensions from the hematopoietic niche. Developmental Biology, 2015, 401, 206-219.	2.0	20
58	The aberrant expression of Lewis a antigen in intestinal metaplastic cells of gastric mucosa is caused by augmentation of Lewis enzyme expression. Glycoconjugate Journal, 1998, 15, 799-807.	2.7	19
59	Chemical analysis of neurotransmitter candidates in clonal cell lines from Drosophila central nervous system. I. ACh and l-DOPA. Neuroscience Letters, 1994, 174, 85-88.	2.1	18
60	The Evolutionary History of Glycosyltransferase Genes.. Trends in Glycoscience and Glycotechnology, 2001, 13, 147-155.	0.1	18
61	Fuc-TIX: a versatile Â1,3-fucosyltransferase with a distinct acceptor- and site-specificity profile. Glycobiology, 2002, 12, 361-368.	2.5	18
62	Chemical inhibition of sulfation accelerates neural differentiation of mouse embryonic stem cells and human induced pluripotent stem cells. Biochemical and Biophysical Research Communications, 2010, 401, 480-486.	2.1	18
63	Sulfation of keratan sulfate proteoglycan reduces radiationâ€induced apoptosis in human Burkitt's lymphoma cell lines. FEBS Letters, 2013, 587, 231-237.	2.8	18
64	Frequent glycan structure mining of influenza virus data revealed a sulfated glycan motif that increased viral infection. Bioinformatics, 2014, 30, 706-711.	4.1	18
65	Mucin-type core 1 glycans regulate the localization of neuromuscular junctions and establishment of muscle cell architecture in Drosophila. Developmental Biology, 2016, 412, 114-127.	2.0	18
66	Insight into the Regulation of Glycan Synthesis in Drosophila Chaoptin Based on Mass Spectrometry. PLoS ONE, 2009, 4, e5434.	2.5	18
67	Murine monoclonal antibody recognizing human ?(1,3/1,4)fucosyltransferase. Glycoconjugate Journal, 1995, 12, 802-812.	2.7	16
68	Sequential enzymatic glycosyltransfer reactions on a microfluidic device: Synthesis of a glycosaminoglycan linkage region tetrasaccharide. Lab on A Chip, 2008, 8, 2168.	6.0	16
69	Effect of Temperature on Antibacterial Activity of Lidocaine toStaphylococcus aureusandPseudomonas aeruginosa. Microbiology and Immunology, 1988, 32, 429-434.	1.4	15
70	Highly sulfated hyaluronic acid maintains human induced pluripotent stem cells under feeder-free and bFGF-free conditions. Biochemical and Biophysical Research Communications, 2019, 518, 506-512.	2.1	15
71	Approach for functional analysis of glycan using RNA interference. Glycoconjugate Journal, 2004, 21, 63-68.	2.7	14
72	O-GlcNAc is required for the survival of primed pluripotent stem cells and their reversion to the naÃ¯ve state. Biochemical and Biophysical Research Communications, 2016, 480, 655-661.	2.1	14

#	Article	IF	Citations
73	Short stop mediates axonal compartmentalization of mucin-type core 1 glycans. Scientific Reports, 2017, 7, 41455.	3.3	14
74	Glucuronylated core 1 glycans are required for precise localization of neuromuscular junctions and normal formation of basement membranes on Drosophila muscles. Developmental Biology, 2018, 436, 108-124.	2.0	14
75	Proliferation assay of mouse embryonic stem (ES) cells exposed to atmospheric-pressure plasmas at room temperature. Journal Physics D: Applied Physics, 2014, 47, 445402.	2.8	11
76	Atmospheric-pressure plasma-irradiation inhibits mouse embryonic stem cell differentiation to mesoderm and endoderm but promotes ectoderm differentiation. Journal Physics D: Applied Physics, 2016, 49, 165401.	2.8	11
77	Dermatan sulphate promotes neuronal differentiation in mouse and human stem cells. Journal of Biochemistry, 2021, 169, 55-64.	1.7	11
78	Simplified Method for Preparation of Concentrated Exoproteins Produced by Staphylococcus aureus Grown on Surface of Cellophane Bag Containing Liquid Medium. Microbiology and Immunology, 1988, 32, 225-228.	1.4	10
79	Identification of Î²1,3-galactosyltransferases responsible for biosynthesis of insect complex-type N-glycans containing a T-antigen unit in the honeybee. Glycoconjugate Journal, 2015, 32, 141-151.	2.7	10
80	E190V substitution of H6 hemagglutinin is one of key factors for binding to sulfated sialylated glycan receptor and infection to chickens. Microbiology and Immunology, 2020, 64, 304-312.	1.4	10
81	O-sulfate groups of heparin are critical for inhibition of ecotropic murine leukemia virus infection by heparin. Virology, 2012, 424, 56-66.	2.4	9
82	A defined glycosylation regulatory network modulates total glycome dynamics during pluripotency state transition. Scientific Reports, 2021, 11, 1276.	3.3	9
83	A Rapid and Simple Method for the Purification of Staphylococcal Protein A from the Culture of Extracellularly Protein Aâ€Releasing Mutant. Microbiology and Immunology, 1985, 29, 559-563.	1.4	8
84	Glycans define the stemness of naÃ¯ve and primed pluripotent stem cells. Glycoconjugate Journal, 2017, 34, 737-747.	2.7	8
85	Site-specific O-GlcNAcylation of Psme3 maintains mouse stem cell pluripotency by impairing P-body homeostasis. Cell Reports, 2021, 36, 109361.	6.4	8
86	Wide Variety of Point Mutations in the H Gene of Bombay and Para-Bombay Individuals That Inactivate H Enzyme. Blood, 1997, 90, 839-849.	1.4	8
87	Sulfated glycans containing NeuAcÎ±2-3Gal facilitate the propagation of human H1N1 influenza A viruses in eggs. Virology, 2021, 562, 29-39.	2.4	7
88	Functional analysis of glycosylation using Drosophila melanogaster. Glycoconjugate Journal, 2020, 37, 1-14.	2.7	6
89	Mucin-type <i>O</i>-glycosylation controls pluripotency in mouse embryonic stem cells via Wnt receptor endocytosis. Journal of Cell Science, 2020, 133, .	2.0	6
90	Turkeys possess diverse SiaÎ±2-3Gal glycans that facilitate their dual susceptibility to avian influenza viruses isolated from ducks and chickens. Virus Research, 2022, 315, 198771.	2.2	6

#	ARTICLE	IF	CITATIONS
91	Ingestion of Bacteria by Antibodyâ€Coated Ehrlich Ascites Tumor Cells Mediated by Protein A. Microbiology and Immunology, 1986, 30, 819-825.	1.4	5
92	An immunohistochemical study of Î²1,4-galactosyltransferase in human skin tissue. Journal of Dermatological Science, 1999, 20, 183-190.	1.9	5
93	The Subcellular PAPS Synthesis Pathway Responsible for the Sulfation of Proteoglycans: a Comparison between Humans and Drosophila Melanogaster. Trends in Glycoscience and Glycotechnology, 2004, 16, 109-123.	0.1	5
94	Atmospheric Pressure Plasma Irradiation on Embryonic Stem Cells: Signals and Differentiation. Plasma Medicine, 2017, 7, 215-225.	0.6	5
95	Simple Method for Quantitation of Cellâ€Bound Protein A on <i>Staphylococcus aureus</i> Cells by Means of Hemagglutination with Sheep Erythrocytes Differentially Sensitized with Rabbit Antibody and Its Clinical Application. Microbiology and Immunology, 1989, 33, 155-163.	1.4	4
96	Preparation of a polyclonal antibody that recognizes a unique galactoseÎ²1-4fucose disaccharide epitope. Carbohydrate Research, 2015, 412, 50-55.	2.3	4
97	Dermatan-4-O-Sulfotransferase-1 Contributes to the Undifferentiated State of Mouse Embryonic Stem Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 733964.	3.7	4
98	Tumoricidal Adsorption of <i>Staphylococcus aureus</i> Organisms on Ehrlich Ascites Tumor Cells Sensitized with Rabbit Antibody. Microbiology and Immunology, 1984, 28, 987-995.	1.4	3
99	A note on the A-ring conformation in 2-chloro-1,2-dihydrosantonins.. Chemical and Pharmaceutical Bulletin, 1985, 33, 400-403.	1.3	3
100	Strong radioprotective FGF1 signaling down-regulates proliferative and metastatic capabilities of the angiosarcoma cell line, ISOS-1, through the dual inhibition of EGFR and VEGFR pathways. Clinical and Translational Radiation Oncology, 2017, 7, 83-90.	1.7	3
101	Cell Profiling Based on Sugarâ€Chainâ€"Cell Binding Interaction and Its Application to Typing and Quality Verification of Cells. ChemBioChem, 2019, 20, 1810-1816.	2.6	3
102	Correlative lightâ€"electron microscopy in liquid usingÂan inverted SEM (ASEM). Methods in Cell Biology, 2017, 140, 187-213.	1.1	2
103	Solute Carrier Family 35 (CMP-Sialic Acid Transporter), Member A1 (SLC35A1). , 2014, , 1369-1377.		2
104	Mucin-Type O-Glycosylation in the Drosophila Nervous System. Frontiers in Neuroanatomy, 2021, 15, 767126.	1.7	2
105	Equilibration of 2-chloro-1,2-dihydrosantonin conformers; A theoretical approach using X-ray diffraction and MO calculations.. Chemical and Pharmaceutical Bulletin, 1983, 31, 4582-4585.	1.3	1
106	Hemagglutination Test with Sheep Erythrocytes Sensitized with Antisera from Several Mammalian Species for the Investigation of Biological Reactivities of Staphylococcal Protein A. Microbiology and Immunology, 1986, 30, 725-730.	1.4	1
107	Luminolâ€Dependent Chemiluminescence in Antibodyâ€Sensitized Neutrophils Stimulated with Protein Aâ€Bearing Staphylococci. Microbiology and Immunology, 1988, 32, 535-540.	1.4	1
108	Regulation of 3-O-Sulfation of Heparan Sulfate During Transition from the NaÃ¯ve to the Primed State in Mouse Embryonic Stem Cells. Methods in Molecular Biology, 2022, 2303, 443-452.	0.9	1

#	Article	IF	Citations
109	The function of glycan structures expressed on embryonic stem cells. Trends in Glycoscience and Glycotechnology, 2009, 21, 207-218.	0.1	1
110	The Functions of <i>O</i>-GlcNAc in Pluripotent Stem Cells. Trends in Glycoscience and Glycotechnology, 2019, 31, E69-E75.	0.1	1
111	Comprehensive and Comparative Structural Glycome Analysis in Mouse Epiblast-like Cells. Methods in Molecular Biology, 2022, 2490, 179-193.	0.9	1
112	Disaccharide-tag for highly sensitive identification of O-GlcNAc-modified proteins in mammalian cells. PLoS ONE, 2022, 17, e0267804.	2.5	1
113	Resistance of a Mutant with an Extremely Low Catalase Production from <i>Staphylococcus aureus</i> Cowanâ€ł Strain to the Bactericidal Activity of Human Leukocytes. Microbiology and Immunology, 1985, 29, 151-155.	1.4	0
114	Design and Synthesis of Peptide Mimetics of GDP-Fucose: Targeting Inhibitors of Fucosyltransferases. Synlett, 2004, 2004, 0243-0246.	1.8	0
115	The Atmospheric Scanning Electron Microscope (ASEM) Observes Axonal Segmentation and Synaptic Induction in Solution. Microscopy and Microanalysis, 2014, 20, 972-973.	0.4	0
116	The Atmospheric Scanning Electron Microscope (ASEM) observes the axonal compartmentalization and microtubule formation in neurons.. Microscopy and Microanalysis, 2017, 23, 1298-1299.	0.4	0
117	CLEM of Neurons, Tissues and Biofilms immersed in Liquid using The Atmospheric Scanning Electron Microscope (ASEM): Dual Gold-Labeling. Microscopy and Microanalysis, 2018, 24, 340-341.	0.4	0
118	Drosophila melanogaster in Glycobiology: Their Mutants Are Excellent Models for Human Diseases. , 2021, , 1-35.		0
119	Transient Induction and Characterization of Mouse Epiblast-Like Cells from Mouse Embryonic Stem Cells. Methods in Molecular Biology, 2021, , 1.	0.9	0
120	Analysis of 3â€²-Phosphoadenosine 5â€²-Phosphosulfate Transporters: Transporter Activity Assay, Real-Time Reverse Transcription Polymerase Chain Reaction, and. Methods in Molecular Biology, 2022, 2303, 675-685.	0.9	0
121	Preface for the Special Issue Entitled â€œComparative Glycomics: Challenge to Functional Analysis of Glycansâ€• Trends in Glycoscience and Glycotechnology, 2004, 16, 61-62.	0.1	0
122	Gene Silencing in Mouse Embryonic Stem Cells. Methods in Molecular Biology, 2012, 836, 53-61.	0.9	0
123	Self-Renewal of NaÃ¯ve State Mouse Embryonic Stem Cells: Role of LacdiNAc in LIF/STAT3 Signaling. Stem Cells and Cancer Stem Cells, 2014, , 41-49.	0.1	0
124	Adenosine 3â€²-Phospho 5â€²-Phosphosulfate Transporter 1,2 (PAPST1,2) (SLC35B2,3). , 2014, , 1379-1391.		0
125	Function of Heparan Sulfate in Pluripotent Stem Cells. Trends in Glycoscience and Glycotechnology, 2014, 26, 149-157.	0.1	0
126	UDP-N-Acetylglucosamine/UDP-Glucose/GDP-Mannose Transporter (HFRC1) (SLC35D2). , 2014, , 1413-1421.		0

#	Article	IF	Citations
127	Members of the Nucleotide-Sugar Transporter Family and Their Functions. , 2015, , 1253-1265.		0
128	Functional Analysis of Glycans Glycan Using Drosophila Drosophila Mutants Mutant and RNAi. , 2015, , 891-899.		0
129	Glycan Functions and Signals in Embryonic Stem Cells. , 2015, , 1465-1473.		0
130	Glycan Function on Stem Cells: <i>Drosophila</i> and Mammalian Stem Cells. Kagaku To Seibutsu, 2017, 55, 750-758.	0.0	0
131	Functions of Mucin-Type <i>O</i>-Glycans in the Nervous System. Trends in Glycoscience and Glycotechnology, 2018, 30, J77-J82.	0.1	0
132	Functions of Mucin-Type <i>O</i>-Glycans in the Nervous System. Trends in Glycoscience and Glycotechnology, 2018, 30, E103-E108.	0.1	0
133	Glycans in Infection and Immunity. , 2019, , 227-257.		0
134	Technologies to Elucidate Functions of Glycans. , 2019, , 87-124.		0
135	Glycan Function in Development and its Regulation. , 2019, , 191-207.		0
136	The Functions of <i>O</i>-GlcNAc in Pluripotent Stem Cells. Trends in Glycoscience and Glycotechnology, 2019, 31, J69-J75.	0.1	0
137	Nucleotide Sugar Transporter Genes and Their Functional Analysis. , 2008, , 103-107.		0
138	Correlative Light-Electron Microscopy of Neurons and Brains in Liquid. Microscopy and Microanalysis, 2021, 27, 5-6.	0.4	0