

Hisashi Narimatsu

List of Publications by Year in descending order

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Version: 2024-02-01

316
papers

15,206
citations

13099

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h-index

29157

104
g-index

329
all docs

329
docs citations

329
times ranked

12848
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | O-glycosylated HBsAg peptide can induce specific antibody neutralizing HBV infection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130020. | 2.4 | 4 |
| 2 | Sensitive New Assay System for Serum <i>Wisteria floribunda</i> Agglutinin-Reactive Ceruloplasmin That Distinguishes Ovarian Clear Cell Carcinoma from Endometrioma. <i>Analytical Chemistry</i> , 2022, 94, 2476-2484. | 6.5 | 3 |
| 3 | A Novel Method of CD31-Combined ABO Carbohydrate Antigen Microarray Predicts Acute Antibody-Mediated Rejection in ABO-Incompatible Kidney Transplantation. <i>Transplant International</i> , 2022, 35, 10248. | 1.6 | 3 |
| 4 | Serum O-glycosylated hepatitis B surface antigen levels in patients with chronic hepatitis B during nucleos(t)ide analog therapy. <i>BMC Gastroenterology</i> , 2022, 22, . | 2.0 | 2 |
| 5 | Fut9 Deficiency Causes Abnormal Neural Development in the Mouse Cerebral Cortex and Retina. <i>Neurochemical Research</i> , 2022, 47, 2793-2804. | 3.3 | 3 |
| 6 | Polypeptide <i>N</i> -acetylgalactosaminyltransferase 18 retains in endoplasmic reticulum depending on its luminal regions interacting with ER resident UGGT1, PLOD3 and LPCAT1. <i>Glycobiology</i> , 2021, 31, 947-958. | 2.5 | 3 |
| 7 | <i>N</i> -glycan structures of <i>Wisteria floribunda</i> agglutinin-positive Mac2 binding protein in the serum of patients with liver fibrosis. <i>Glycobiology</i> , 2021, 31, 1268-1278. | 2.5 | 7 |
| 8 | Association between the expression of core 3 synthase and survival outcomes of patients with cholangiocarcinoma. <i>Oncology Letters</i> , 2021, 22, 760. | 1.8 | 3 |
| 9 | Mutation of GALNTL5 gene identified in patients diagnosed with asthenozoospermia. <i>Human Fertility</i> , 2020, 23, 226-233. | 1.7 | 7 |
| 10 | Screening siRNAs against host glycosylation pathways to develop novel antiviral agents against hepatitis B virus. <i>Hepatology Research</i> , 2020, 50, 1128-1140. | 3.4 | 6 |
| 11 | Glycogene Expression Profiling of Hepatic Cells by RNA-Seq Analysis for Glyco-Biomarker Identification. <i>Frontiers in Oncology</i> , 2020, 10, 1224. | 2.8 | 9 |
| 12 | Multi-serum glycomarkers improves the diagnosis and prognostic prediction of cholangiocarcinoma. <i>Clinica Chimica Acta</i> , 2020, 510, 142-149. | 1.1 | 12 |
| 13 | O-linked N-acetylgalactosamine modification is present on the tumor suppressor p53. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129635. | 2.4 | 5 |
| 14 | The GlyCosmos Portal: a unified and comprehensive web resource for the glycosciences. <i>Nature Methods</i> , 2020, 17, 649-650. | 19.0 | 71 |
| 15 | Mice lacking core 1-derived O-glycan in podocytes develop transient proteinuria, resulting in focal segmental glomerulosclerosis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 1007-1013. | 2.1 | 5 |
| 16 | Comparative Glycomic Analysis of Exosome Subpopulations Derived from Pancreatic Cancer Cell Lines. <i>Journal of Proteome Research</i> , 2020, 19, 2516-2524. | 3.7 | 20 |
| 17 | Clinicopathological significance of core 3 O-glycan synthetic enzyme, β 1,3-N-acetylglucosaminyltransferase 6 in pancreatic ductal adenocarcinoma. <i>PLoS ONE</i> , 2020, 15, e0242851. | 2.5 | 11 |
| 18 | ADAMTS9 and ADAMTS20 are differentially affected by loss of B3GLCT in mouse model of Peters plus syndrome. <i>Human Molecular Genetics</i> , 2019, 28, 4053-4066. | 2.9 | 23 |

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|----|--|-----|-----------|
| 19 | Updates to the Symbol Nomenclature for Glycans guidelines. <i>Glycobiology</i> , 2019, 29, 620-624. | 2.5 | 292 |
| 20 | Fucosyltransferase 2 induces lung epithelial fucosylation and exacerbates house dust mite-induced airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 698-709.e9. | 2.9 | 30 |
| 21 | Identification of mammalian glycoproteins with type-I LacdiNAc structures synthesized by the glycosyltransferase B3GALNT2. <i>Journal of Biological Chemistry</i> , 2019, 294, 7433-7444. | 3.4 | 9 |
| 22 | Polypeptide N-acetylgalactosaminyltransferase 18 non-catalytically regulates the ER homeostasis and O-glycosylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 870-882. | 2.4 | 11 |
| 23 | Response to the letter by Dr. Naoya Yamada, and Dr. Koichi Mizuta regarding our manuscript: "Mac-2 binding protein glycan isomer (M2BPGi) is a new serum biomarker for assessing liver fibrosis: more than a biomarker of liver fibrosis". <i>Journal of Gastroenterology</i> , 2019, 54, 206-207. | 5.1 | 0 |
| 24 | Identification of Poly-N-Acetylglucosamine-Carrying Glycoproteins from HL-60 Human Promyelocytic Leukemia Cells Using a Site-Specific Glycome Analysis Method, Glyco-RIDGE. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1138-1152. | 2.8 | 19 |
| 25 | Incomplete clearance of apoptotic cells by core 1-derived O-glycan-deficient resident peritoneal macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 2017-2023. | 2.1 | 6 |
| 26 | Wisteria floribunda agglutinin positive glyco-biomarkers: a unique lectin as a serum biomarker probe in various diseases. <i>Expert Review of Proteomics</i> , 2018, 15, 183-190. | 3.0 | 20 |
| 27 | Mac-2 binding protein glycan isomer (M2BPGi) is a new serum biomarker for assessing liver fibrosis: more than a biomarker of liver fibrosis. <i>Journal of Gastroenterology</i> , 2018, 53, 819-826. | 5.1 | 125 |
| 28 | GGDonto ontology as a knowledge-base for genetic diseases and disorders of glycan metabolism and their causative genes. <i>Journal of Biomedical Semantics</i> , 2018, 9, 14. | 1.6 | 5 |
| 29 | Identification of mesothelioma-specific sialylated epitope recognized with monoclonal antibody SKM9-2 in a mucin-like membrane protein HEG1. <i>Scientific Reports</i> , 2018, 8, 14251. | 3.3 | 15 |
| 30 | Current Technologies for Complex Glycoproteomics and Their Applications to Biology/Disease-Driven Glycoproteomics. <i>Journal of Proteome Research</i> , 2018, 17, 4097-4112. | 3.7 | 60 |
| 31 | Highly Sensitive Glycan Profiling of Hepatitis B Viral Particles and a Simple Method for Dane Particle Enrichment. <i>Analytical Chemistry</i> , 2018, 90, 10196-10203. | 6.5 | 15 |
| 32 | Serum WFA-M2BP levels for evaluation of early stages of liver fibrosis in patients with chronic hepatitis B virus infection. <i>Liver International</i> , 2017, 37, 35-44. | 3.9 | 61 |
| 33 | Systematic identification of the protein substrates of UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T1/T2/T3 using a human proteome microarray. <i>Proteomics</i> , 2017, 17, 1600485. | 2.2 | 10 |
| 34 | Implementation of GlycanBuilder to draw a wide variety of ambiguous glycans. <i>Carbohydrate Research</i> , 2017, 445, 104-116. | 2.3 | 39 |
| 35 | Wisteria floribunda agglutinin-sialylated mucin core polypeptide 1 is a sensitive biomarker for biliary tract carcinoma and intrahepatic cholangiocarcinoma: a multicenter study. <i>Journal of Gastroenterology</i> , 2017, 52, 218-228. | 5.1 | 12 |
| 36 | WURCS 2.0 Update To Encapsulate Ambiguous Carbohydrate Structures. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 632-637. | 5.4 | 43 |

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|----|---|-----|-----------|
| 37 | HEG1 is a novel mucin-like membrane protein that serves as a diagnostic and therapeutic target for malignant mesothelioma. <i>Scientific Reports</i> , 2017, 7, 45768. | 3.3 | 50 |
| 38 | Serum Wisteria Floribunda Agglutinin-Positive Sialylated Mucin 1 as a Marker of Progenitor/Biliary Features in Hepatocellular Carcinoma. <i>Scientific Reports</i> , 2017, 7, 244. | 3.3 | 14 |
| 39 | A standardized method for lectin microarray-based tissue glycome mapping. <i>Scientific Reports</i> , 2017, 7, 43560. | 3.3 | 48 |
| 40 | Hepatic stellate cells secreting WFA ⁺ αM2BP: Its role in biological interactions with Kupffer cells. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 1387-1393. | 2.8 | 71 |
| 41 | GlycoProtDB: A Database of Glycoproteins Mapped with Actual Glycosylation Sites Identified by Mass Spectrometry. , 2017, , 215-224. | | 6 |
| 42 | Glycobiomarker, Fucosylated Short-Form Secretogranin III Levels Are Increased in Serum of Patients with Small Cell Lung Carcinoma. <i>Journal of Proteome Research</i> , 2017, 16, 4495-4505. | 3.7 | 16 |
| 43 | Engineering of recombinant Wisteria floribunda agglutinin specifically binding to GalNAc ² 1,4GlcNAc (LacdiNAc). <i>Glycobiology</i> , 2017, 27, 743-754. | 2.5 | 34 |
| 44 | GlyYouCan: an accessible glycan structure repository. <i>Glycobiology</i> , 2017, 27, 915-919. | 2.5 | 123 |
| 45 | Latest developments in Semantic Web technologies applied to the glycosciences. <i>Perspectives in Science</i> , 2017, 11, 18-23. | 0.6 | 2 |
| 46 | Postnatal lethality and chondrodysplasia in mice lacking both chondroitin sulfate N-acetylgalactosaminyltransferase-1 and -2. <i>PLoS ONE</i> , 2017, 12, e0190333. | 2.5 | 16 |
| 47 | GlycoGene Database (GGDB) on the Semantic Web. , 2017, , 163-175. | | 10 |
| 48 | Assessment of tumor characteristics based on glycoform analysis of membrane-tethered MUC1. <i>Laboratory Investigation</i> , 2017, 97, 1103-1113. | 3.7 | 20 |
| 49 | PAConto: RDF Representation of PACDB Data and Ontology of Infectious Diseases Known to Be Related to Glycan Binding. , 2017, , 261-295. | | 2 |
| 50 | Using GlyYouCan Version 1.0: The First International Glycan Structure Repository. , 2017, , 41-73. | | 2 |
| 51 | Contribution of Lewis X Carbohydrate Structure to Neuropathogenic Murine Coronaviral Spread. <i>Japanese Journal of Infectious Diseases</i> , 2016, 69, 405-413. | 1.2 | 6 |
| 52 | Alteration of matrix metalloproteinase-3 O-glycan structure as a biomarker for disease activity of rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2016, 18, 112. | 3.5 | 19 |
| 53 | A novel glycobiomarker, <i>Wisteria floribunda</i> agglutinin macrophage colony-stimulating factor receptor, for predicting carcinogenesis of liver cirrhosis. <i>International Journal of Cancer</i> , 2016, 138, 1462-1471. | 5.1 | 13 |
| 54 | Serum WFA ⁺ αM2BP levels as a prognostic factor in patients with early hepatocellular carcinoma undergoing curative resection. <i>Liver International</i> , 2016, 36, 293-301. | 3.9 | 33 |

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|----|--|------|-----------|
| 55 | Identification and characterization of sulfated glycoproteins from small cell lung carcinoma cells assisted by management of molecular charges. <i>Glycoconjugate Journal</i> , 2016, 33, 917-926. | 2.7 | 5 |
| 56 | Large-scale mutational analysis in the EXT1 and EXT2 genes for Japanese patients with multiple osteochondromas. <i>BMC Genetics</i> , 2016, 17, 52. | 2.7 | 35 |
| 57 | Comparison of analytical methods for profiling N- and O-linked glycans from cultured cell lines. <i>Glycoconjugate Journal</i> , 2016, 33, 405-415. | 2.7 | 25 |
| 58 | Influenza A Virus-Induced Expression of a GalNAc Transferase, GALNT3, via MicroRNAs Is Required for Enhanced Viral Replication. <i>Journal of Virology</i> , 2016, 90, 1788-1801. | 3.4 | 48 |
| 59 | GlyYouCan 1.0 – The international glycan structure repository. <i>Nucleic Acids Research</i> , 2016, 44, D1237-D1242. | 14.5 | 83 |
| 60 | Verification of WFA-Sialylated MUC1 as a Sensitive Biliary Biomarker for Human Biliary Tract Cancer. <i>Annals of Surgical Oncology</i> , 2016, 23, 671-677. | 1.5 | 10 |
| 61 | Lectin microarray technology identifies specific lectins related to lymph node metastasis of advanced gastric cancer. <i>Gastric Cancer</i> , 2016, 19, 531-542. | 5.3 | 33 |
| 62 | <i>Wisteria floribunda</i> agglutinin positive human Mac-2 binding protein as a predictor of hepatocellular carcinoma development in chronic hepatitis C patients. <i>Hepatology Research</i> , 2015, 45, E82-8. | 3.4 | 55 |
| 63 | P168: A unique glycoprotein; <i>Wisteria floribunda</i> agglutinin-positive Mac-2 binding protein (WFA+) Tj ETQq1 1 0.784314 rgBT ₀ /Overl | 2.0 | |
| 64 | Development of M2BPGi: a novel fibrosis serum glyco-biomarker for chronic hepatitis/cirrhosis diagnostics. <i>Expert Review of Proteomics</i> , 2015, 12, 683-693. | 3.0 | 55 |
| 65 | Large-scale identification of secretome glycoproteins recognized by <i>Wisteria floribunda</i> agglutinin: A glycoproteomic approach to biomarker discovery. <i>Proteomics</i> , 2015, 15, 2921-2933. | 2.2 | 18 |
| 66 | Serum <i>Wisteria Floribunda</i> Agglutinin-Positive Mac-2 Binding Protein Values Predict the Development of Hepatocellular Carcinoma among Patients with Chronic Hepatitis C after Sustained Virological Response. <i>PLoS ONE</i> , 2015, 10, e0129053. | 2.5 | 67 |
| 67 | RNAi screening of human glycogene orthologs in the nematode <i>Caenorhabditis elegans</i> and the construction of the <i>C. elegans</i> glycogene database. <i>Glycobiology</i> , 2015, 25, 8-20. | 2.5 | 13 |
| 68 | Engineering of a 3 ^α -sulpho-Gal ^β 1-4GlcNAc-specific probe by a single amino acid substitution of a fungal galectin. <i>Journal of Biochemistry</i> , 2015, 157, 197-200. | 1.7 | 8 |
| 69 | Large-Scale Identification of <i>N</i> -Glycan Glycoproteins Carrying Lewis x and Site-Specific <i>N</i> -Glycan Alterations in <i>Fut9</i> Knockout Mice. <i>Journal of Proteome Research</i> , 2015, 14, 3823-3834. | 3.7 | 34 |
| 70 | Association between <i>Wisteria floribunda</i> agglutinin-positive Mac-2 binding protein and the fibrosis stage of non-alcoholic fatty liver disease. <i>Journal of Gastroenterology</i> , 2015, 50, 776-784. | 5.1 | 141 |
| 71 | Clinicopathological characteristics and diagnostic performance of <i>Wisteria floribunda</i> agglutinin positive Mac-2-binding protein as a preoperative serum marker of liver fibrosis in hepatocellular carcinoma. <i>Journal of Gastroenterology</i> , 2015, 50, 1134-1144. | 5.1 | 53 |
| 72 | The Lectin Frontier Database (LfDB), and Data Generation Based on Frontal Affinity Chromatography. <i>Molecules</i> , 2015, 20, 951-973. | 3.8 | 56 |

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|----|---|-----|-----------|
| 73 | Symbol Nomenclature for Graphical Representations of Glycans. <i>Glycobiology</i> , 2015, 25, 1323-1324. | 2.5 | 818 |
| 74 | Lectin Microarray-Based Sero-Biomarker Verification Targeting Aberrant <i>O</i> -Linked Glycosylation on Mucin 1. <i>Analytical Chemistry</i> , 2015, 87, 7274-7281. | 6.5 | 46 |
| 75 | GlycoRDF: an ontology to standardize glycomics data in RDF. <i>Bioinformatics</i> , 2015, 31, 919-925. | 4.1 | 51 |
| 76 | A novel serum marker, glycosylated <i>Wisteria floribunda</i> agglutinin-positive Mac-2 binding protein (WFA+-M2BP), for assessing liver fibrosis. <i>Journal of Gastroenterology</i> , 2015, 50, 76-84. | 5.1 | 148 |
| 77 | JCGGDB: Japan Consortium for Glycobiology and Glycotechnology Database. <i>Methods in Molecular Biology</i> , 2015, 1273, 161-179. | 0.9 | 25 |
| 78 | Glycan Marker for Idiopathic Normal Pressure Hydrocephalus. , 2015, , 1289-1295. | | 1 |
| 79 | Development and Actualization of Glycobiomarker Disease glyco-biomarker Based on the Unique Base Technologies of Glycoanalysis. , 2015, , 1379-1385. | | 0 |
| 80 | JCGGDB JCGGDB. , 2015, , 209-213. | | 0 |
| 81 | Aberrant methylation of GCNT2 is tightly related to lymph node metastasis of primary CRC. <i>Anticancer Research</i> , 2015, 35, 1411-21. | 1.1 | 16 |
| 82 | LecT-Hepa facilitates estimating treatment outcome during interferon therapy in chronic hepatitis C patients. <i>Clinical Proteomics</i> , 2014, 11, 44. | 2.1 | 1 |
| 83 | Strategy for development of clinically useful glyco-biomarkers. <i>Glycoconjugate Journal</i> , 2014, 31, 403-407. | 2.7 | 6 |
| 84 | Mice lacking α 1,3-fucosyltransferase 9 exhibit modulation of <i>in vivo</i> immune responses against pathogens. <i>Pathology International</i> , 2014, 64, 199-208. | 1.3 | 12 |
| 85 | BioHackathon series in 2011 and 2012: penetration of ontology and linked data in life science domains. <i>Journal of Biomedical Semantics</i> , 2014, 5, 5. | 1.6 | 47 |
| 86 | Toolboxes for a standardised and systematic study of glycans. <i>BMC Bioinformatics</i> , 2014, 15, S9. | 2.6 | 58 |
| 87 | Glycoproteomics Approach for Identifying Glycobiomarker Candidate Molecules for Tissue Type Classification of Non-small Cell Lung Carcinoma. <i>Journal of Proteome Research</i> , 2014, 13, 4705-4716. | 3.7 | 32 |
| 88 | Elevated serum levels of <i>Wisteria floribunda</i> agglutinin-positive human Mac-2 binding protein predict the development of hepatocellular carcinoma in hepatitis C patients. <i>Hepatology</i> , 2014, 60, 1563-1570. | 7.3 | 202 |
| 89 | Multilectin-assisted fractionation for improved single-dot tissue glycome profiling in clinical glycoproteomics. <i>Molecular BioSystems</i> , 2014, 10, 201-205. | 2.9 | 10 |
| 90 | WURCS: The Web3 Unique Representation of Carbohydrate Structures. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 1558-1566. | 5.4 | 61 |

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|-----|--|-----|-----------|
| 91 | A heterozygous mutation of <i>GALNTL5</i> affects male infertility with impairment of sperm motility. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1120-1125. | 7.1 | 57 |
| 92 | Novel Glycobiomarker for Ovarian Cancer That Detects Clear Cell Carcinoma. Journal of Proteome Research, 2014, 13, 1624-1635. | 3.7 | 34 |
| 93 | Application of a Glycoproteomics-Based Biomarker Development Method: Alteration in Glycan Structure on Colony Stimulating Factor 1 Receptor as a Possible Glycobiomarker Candidate for Evaluation of Liver Cirrhosis. Journal of Proteome Research, 2014, 13, 1428-1437. | 3.7 | 31 |
| 94 | Differential Glycan Analysis of an Endogenous Glycoprotein: Toward Clinical Implementation—From Sample Pretreatment to Data Standardization. Methods in Molecular Biology, 2014, 1200, 265-285. | 0.9 | 8 |
| 95 | Fucosyltransferase 3. GDP-Fucose Lactosamine $\hat{1}\pm 1,3/4$ -Fucosyltransferase. Lea and Leb Histo-Blood Groups (FUT3, Lewis Enzyme). , 2014, , 531-539. | | 2 |
| 96 | Fucosyltransferase 4. GDP-Fucose Lactosamine $\hat{1}\pm 1,3$ -Fucosyltransferase. Myeloid Specific (FUT4). , 2014, , 541-547. | | 2 |
| 97 | IgA Nephropathy Caused by Unusual Polymerization of IgA1 with Aberrant N-Glycosylation in a Patient with Monoclonal Immunoglobulin Deposition Disease. PLoS ONE, 2014, 9, e91079. | 2.5 | 16 |
| 98 | Beta-1,3-Glucosyltransferase (B3GALTL). , 2014, , 31-38. | | 0 |
| 99 | Fucosyltransferase 9. GDP-Fucose Lactosamine $\hat{1}\pm 1,3$ -Fucosyltransferase. Lex Specific (FUT9). , 2014, , 597-603. | | 2 |
| 100 | UDP-GlcNAc: BetaGal Beta-1,3-N-Acetylglucosaminyltransferase 4 (B3GNT4). , 2014, , 303-310. | | 0 |
| 101 | UDP-GlcNAc: Beta-Gal Beta1,3-N-Acetylglucosaminyltransferase 6 (B3GNT6) (Core 3 Synthase, C3GnT). , 2014, , 321-330. | | 0 |
| 102 | UDP-GlcNAc: BetaGal Beta-1,3-N-Acetylglucosaminyltransferase 5 (B3GNT5, Lc3Cer Synthase). , 2014, , 311-320. | | 1 |
| 103 | UDP-GlcNAc: BetaGal Beta-1,3-N-Acetylglucosaminyltransferase 2 (B3GNT2). , 2014, , 283-294. | | 1 |
| 104 | JCGGDB. , 2014, , 1-5. | | 0 |
| 105 | A Glycan Marker for Idiopathic Normal Pressure Hydrocephalus. , 2014, , 1-7. | | 1 |
| 106 | UDP-Gal: BetaGlcNAc Beta 1,3-Galactosyltransferase, Polypeptide 5 (B3GALT5). , 2014, , 89-99. | | 2 |
| 107 | Beta1,3-N-Acetylgalactosaminyltransferase 2 (B3GALNT2). , 2014, , 439-445. | | 0 |
| 108 | UDP-GlcNAc: BetaGal Beta-1,3-N-Acetylglucosaminyltransferase 8 (B3GNT8). , 2014, , 337-345. | | 0 |

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|-----|--|-----|-----------|
| 109 | Chondroitin Sulfate N-Acetylgalactosaminyltransferase 1,2 (CSGALNACT1,2), , 2014, , 925-933. | | 0 |
| 110 | Development and Actualization of a Glycobiomarker Based on the Unique Base Technologies of Glycoanalysis. , 2014, , 1-7. | | 0 |
| 111 | Introducing glycomics data into the Semantic Web. <i>Journal of Biomedical Semantics</i> , 2013, 4, 39. | 1.6 | 46 |
| 112 | Identification of mucins by using a method involving a combination of on-membrane chemical deglycosylation and immunostaining. <i>Journal of Immunological Methods</i> , 2013, 394, 125-130. | 1.4 | 18 |
| 113 | Tailoring GalNAc α 1-3Gal β 2-specific lectins from a multi-specific fungal galectin: dramatic change of carbohydrate specificity by a single amino-acid substitution. <i>Biochemical Journal</i> , 2013, 453, 261-270. | 3.7 | 30 |
| 114 | Glycoproteomics-based cancer marker discovery adopting dual enrichment with Wisteria floribunda agglutinin for high specific glyco-diagnosis of cholangiocarcinoma. <i>Journal of Proteomics</i> , 2013, 85, 1-11. | 2.4 | 46 |
| 115 | Glycoproteomic Discovery of Serological Biomarker Candidates for HCV/HBV Infection-Associated Liver Fibrosis and Hepatocellular Carcinoma. <i>Journal of Proteome Research</i> , 2013, 12, 2630-2640. | 3.7 | 52 |
| 116 | Lectin-dependent inhibition of antigen-antibody reaction: application for measuring α 2,6-sialylated glycoforms of transferrin. <i>Journal of Biochemistry</i> , 2013, 154, 229-232. | 1.7 | 8 |
| 117 | Identification and characterization of endo- α -N-acetylglucosaminidase from methylotrophic yeast <i>Ogataea minuta</i> . <i>Glycobiology</i> , 2013, 23, 736-744. | 2.5 | 37 |
| 118 | <sc>CA</sc>â€27: A novel Lewis a associated carbohydrate epitope is diagnostic and prognostic for cholangiocarcinoma. <i>Cancer Science</i> , 2013, 104, 1278-1284. | 3.9 | 33 |
| 119 | The Lewis X-related α 1,3-Fucosyltransferase, Fut10, Is Required for the Maintenance of Stem Cell Populations. <i>Journal of Biological Chemistry</i> , 2013, 288, 28859-28868. | 3.4 | 20 |
| 120 | Regulation of cell shape and adhesion by CD34. <i>Cell Adhesion and Migration</i> , 2013, 7, 426-433. | 2.7 | 24 |
| 121 | C1galt1-deficient mice exhibit thrombocytopenia due to abnormal terminal differentiation of megakaryocytes. <i>Blood</i> , 2013, 122, 1649-1657. | 1.4 | 30 |
| 122 | Reconstruction of a robust glycodiagnostic agent supported by multiple lectinâ€assisted glycan profiling. <i>Proteomics - Clinical Applications</i> , 2013, 7, 642-647. | 1.6 | 80 |
| 123 | A serum â€sweet-doughnutâ€protein facilitates fibrosis evaluation and therapy assessment in patients with viral hepatitis. <i>Scientific Reports</i> , 2013, 3, 1065. | 3.3 | 292 |
| 124 | A chemoenzymatic approach toward the identification of fucosylated glycoproteins and mapping of N-glycan sites. <i>Glycobiology</i> , 2012, 22, 630-637. | 2.5 | 14 |
| 125 | Large-scale identification of target proteins of a glycosyltransferase isozyme by Lectin-IGOT-LC/MS, an LC/MS-based glycoproteomic approach. <i>Scientific Reports</i> , 2012, 2, 680. | 3.3 | 22 |
| 126 | Structural Basis for the Recognition of Lewis Antigens by Genogroup I Norovirus. <i>Journal of Virology</i> , 2012, 86, 11138-11150. | 3.4 | 60 |

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|-----|--|-----|-----------|
| 127 | Construction of a Chondroitin Sulfate Library with Defined Structures and Analysis of Molecular Interactions. <i>Journal of Biological Chemistry</i> , 2012, 287, 43390-43400. | 3.4 | 50 |
| 128 | Human ZG16p recognizes pathogenic fungi through non-self polyvalent mannose in the digestive system. <i>Glycobiology</i> , 2012, 22, 210-220. | 2.5 | 35 |
| 129 | Characterization of ppGalNAc-T18, a member of the vertebrate-specific Y subfamily of UDP-N-acetyl-1,3-d-galactosamine:polypeptide N-acetylgalactosaminyltransferases. <i>Glycobiology</i> , 2012, 22, 602-615. | 2.5 | 43 |
| 130 | Different Levels of Sialyl-Tn Antigen Expressed on MUC16 in Patients With Endometriosis and Ovarian Cancer. <i>International Journal of Gynecological Cancer</i> , 2012, 22, 531-538. | 2.5 | 45 |
| 131 | Glycan profiling of endometrial cancers using lectin microarray. <i>Genes To Cells</i> , 2012, 17, 826-836. | 1.2 | 24 |
| 132 | Large-scale Identification of N-Glycosylated Proteins of Mouse Tissues and Construction of a Glycoprotein Database, GlycoProtDB. <i>Journal of Proteome Research</i> , 2012, 11, 4553-4566. | 3.7 | 77 |
| 133 | A unique N-glycan on human transferrin in CSF: a possible biomarker for iNPH. <i>Neurobiology of Aging</i> , 2012, 33, 1807-1815. | 3.1 | 62 |
| 134 | Comparison of Lect-Hepa and FibroScan for assessment of liver fibrosis in hepatitis B virus infected patients with different ALT levels. <i>Clinica Chimica Acta</i> , 2012, 413, 1796-1799. | 1.1 | 9 |
| 135 | Lect-hepa, a glyco-marker derived from multiple lectins, as a predictor of liver fibrosis in chronic hepatitis C patients. <i>Hepatology</i> , 2012, 56, 1448-1456. | 7.3 | 35 |
| 136 | Chondroitin Sulfate Synthase-2 Is Necessary for Chain Extension of Chondroitin Sulfate but Not Critical for Skeletal Development. <i>PLoS ONE</i> , 2012, 7, e43806. | 2.5 | 31 |
| 137 | Chemoenzymatic Synthesis of GDP-Fucose Derivatives as Potent and Selective 1,3-Fucosyltransferase Inhibitors. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1750-1758. | 4.3 | 11 |
| 138 | Enhancement of metastatic ability by ectopic expression of ST6GalNAcI on a gastric cancer cell line in a mouse model. <i>Clinical and Experimental Metastasis</i> , 2012, 29, 229-238. | 3.3 | 62 |
| 139 | Functional Analysis of β 1,3-N-Acetylglucosaminyltransferases and Regulation of Immunological Function by Polylactosamine. <i>Trends in Glycoscience and Glycotechnology</i> , 2012, 24, 95-111. | 0.1 | 15 |
| 140 | Development of basic tools for glycoscience and their application to cancer diagnosis. <i>Synthesiology</i> , 2012, 5, 201-215. | 0.2 | 2 |
| 141 | Development of basic tools for glycoscience and their application to cancer diagnosis. <i>Synthesiology</i> , 2012, 5, 190-203. | 0.2 | 2 |
| 142 | Lect-Hepa: A triplex lectin-antibody sandwich immunoassay for estimating the progression dynamics of liver fibrosis assisted by a bedside clinical chemistry analyzer and an automated pretreatment machine. <i>Clinica Chimica Acta</i> , 2011, 412, 1767-1772. | 1.1 | 30 |
| 143 | High Throughput ELISAs to Measure a Unique Glycan on Transferrin in Cerebrospinal Fluid: A Possible Extension toward Alzheimer's Disease Biomarker Development. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-5. | 2.0 | 16 |
| 144 | Combination use of anti-CD133 antibody and SSA lectin can effectively enrich cells with high tumorigenicity. <i>Cancer Science</i> , 2011, 102, 1164-1170. | 3.9 | 17 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Membrane sialidase NEU3 is highly expressed in human melanoma cells promoting cell growth with minimal changes in the composition of gangliosides. <i>Cancer Science</i> , 2011, 102, 2139-2149. | 3.9 | 31 |
| 146 | Detection of anti- α -1,4 alloantibodies in blood components implicated in nonhaemolytic transfusion reactions. <i>British Journal of Haematology</i> , 2011, 153, 794-796. | 2.5 | 16 |
| 147 | Lectin microarray analysis of pluripotent and multipotent stem cells. <i>Genes To Cells</i> , 2011, 16, 1-11. | 1.2 | 77 |
| 148 | Co-translational function of Cosmc, core 1 synthase specific molecular chaperone, revealed by a cell-free translation system. <i>FEBS Letters</i> , 2011, 585, 1276-1280. | 2.8 | 10 |
| 149 | Improved method for immunostaining of mucin separated by supported molecular matrix electrophoresis by optimizing the matrix composition and fixation procedure. <i>Electrophoresis</i> , 2011, 32, 1829-1836. | 2.4 | 30 |
| 150 | A novel serum carbohydrate marker on mucin 5AC. <i>Cancer</i> , 2011, 117, 3393-3403. | 4.1 | 48 |
| 151 | Multilectin Assay for Detecting Fibrosis-Specific Glyco-Alteration by Means of Lectin Microarray. <i>Clinical Chemistry</i> , 2011, 57, 48-56. | 3.2 | 68 |
| 152 | Formation of microvilli and phosphorylation of ERM family proteins by CD43, a potent inhibitor for cell adhesion. <i>Cell Adhesion and Migration</i> , 2011, 5, 119-132. | 2.7 | 20 |
| 153 | Expression and the role of 3'-phosphoadenosine 5'-phosphosulfate transporters in human colorectal carcinoma. <i>Glycobiology</i> , 2011, 21, 235-246. | 2.5 | 24 |
| 154 | Chondroitin Sulfate N-Acetylgalactosaminyltransferase 1 Is Necessary for Normal Endochondral Ossification and Aggrecan Metabolism. <i>Journal of Biological Chemistry</i> , 2011, 286, 5803-5812. | 3.4 | 60 |
| 155 | Functional expression of l-fucokinase/guanosine 5'-diphosphate-l-fucose pyrophosphorylase from <i>Bacteroides fragilis</i> in <i>Saccharomyces cerevisiae</i> for the production of nucleotide sugars from exogenous monosaccharides. <i>Glycobiology</i> , 2011, 21, 1228-1236. | 2.5 | 25 |
| 156 | α 1,6-Fucosyltransferase-deficient Mice Exhibit Multiple Behavioral Abnormalities Associated with a Schizophrenia-like Phenotype. <i>Journal of Biological Chemistry</i> , 2011, 286, 18434-18443. | 3.4 | 70 |
| 157 | Strong antibody reaction against glycosphingolipids injected in liposome-embedded forms in beta3GN-T5 knockout mice. <i>Nagoya Journal of Medical Science</i> , 2011, 73, 137-46. | 0.3 | 4 |
| 158 | Renal involvement of monoclonal immunoglobulin deposition disease associated with an unusual monoclonal immunoglobulin A glycan profile. <i>Clinical and Experimental Nephrology</i> , 2010, 14, 389-395. | 1.6 | 13 |
| 159 | Differential expression of glycogenes in tonsillar B lymphocytes in association with proteinuria and renal dysfunction in IgA nephropathy. <i>Clinical Immunology</i> , 2010, 136, 447-455. | 3.2 | 44 |
| 160 | <i>Wisteria floribunda</i> agglutinin-positive mucin 1 is a sensitive biliary marker for human cholangiocarcinoma. <i>Hepatology</i> , 2010, 52, 174-182. | 7.3 | 92 |
| 161 | Generation of IFN- β -producing cells that recognize the major piroplasm surface protein in <i>Theileria orientalis</i> -infected bovines. <i>Veterinary Parasitology</i> , 2010, 171, 207-215. | 1.8 | 20 |
| 162 | A strategy for discovery of cancer glyco-biomarkers in serum using newly developed technologies for glycoproteomics. <i>FEBS Journal</i> , 2010, 277, 95-105. | 4.7 | 158 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 163 | Comparison of Methods for Profiling O-Glycosylation. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 719-727. | 3.8 | 136 |
| 164 | Chondroitin Sulfate Synthase-2/Chondroitin Polymerizing Factor Has Two Variants with Distinct Function*. <i>Journal of Biological Chemistry</i> , 2010, 285, 34155-34167. | 3.4 | 20 |
| 165 | Lack of lacto/neolacto-glycolipids enhances the formation of glycolipid-enriched microdomains, facilitating B cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11900-11905. | 7.1 | 39 |
| 166 | Dual Specificity of Langerin to Sulfated and Mannosylated Glycans via a Single C-type Carbohydrate Recognition Domain. <i>Journal of Biological Chemistry</i> , 2010, 285, 6390-6400. | 3.4 | 76 |
| 167 | β3GnT2 (B3GNT2), a Major Polylactosamine Synthase: Analysis of B3gnt2-Deficient Mice. <i>Methods in Enzymology</i> , 2010, 479, 185-204. | 1.0 | 50 |
| 168 | In Vitro and In Vivo Enzymatic Syntheses and Mass Spectrometric Database for N-Glycans and O-Glycans. <i>Methods in Enzymology</i> , 2010, 478, 127-149. | 1.0 | 8 |
| 169 | Glycomic Analyses of Glycoproteins in Bile and Serum during Rat Hepatocarcinogenesis. <i>Journal of Proteome Research</i> , 2010, 9, 4888-4896. | 3.7 | 29 |
| 170 | Differential Glycan Profiling by Lectin Microarray Targeting Tissue Specimens. <i>Methods in Enzymology</i> , 2010, 478, 165-179. | 1.0 | 25 |
| 171 | Effect of Glycosylation on <i>Cis</i> / <i>Trans</i> Isomerization of Prolines in IgA1-Hinge Peptide. <i>Journal of the American Chemical Society</i> , 2010, 132, 5548-5549. | 13.7 | 25 |
| 172 | Identification of a novel human UDP-GalNAc transferase with unique catalytic activity and expression profile. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 680-686. | 2.1 | 52 |
| 173 | Expression System for Human Glycosyltransferases and Its Application. <i>Journal of Applied Glycoscience</i> (1999), 2010, 57, 131-136. | 0.7 | 1 |
| 174 | Developmental Change of Sialidase Neu4 Expression in Murine Brain and Its Involvement in the Regulation of Neuronal Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 21157-21164. | 3.4 | 47 |
| 175 | Human C21orf63 is a Heparin-binding Protein. <i>Journal of Biochemistry</i> , 2009, 146, 369-373. | 1.7 | 13 |
| 176 | Deletion polymorphism of SIGLEC14 and its functional implications. <i>Glycobiology</i> , 2009, 19, 841-846. | 2.5 | 90 |
| 177 | Focused Differential Glycan Analysis with the Platform Antibody-assisted Lectin Profiling for Glycan-related Biomarker Verification. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 99-108. | 3.8 | 102 |
| 178 | High levels of E4-PHA-reactive oligosaccharides: potential as marker for cells with characteristics of hepatic progenitor cells. <i>Glycoconjugate Journal</i> , 2009, 26, 1213-1223. | 2.7 | 9 |
| 179 | Computationally and Experimentally Derived General Rules for Fragmentation of Various Glycosyl Bonds in Sodium Adduct Oligosaccharides. <i>Analytical Chemistry</i> , 2009, 81, 1108-1120. | 6.5 | 29 |
| 180 | Strategy for Glycoproteomics: Identification of Glyco-Alteration Using Multiple Glycan Profiling Tools. <i>Journal of Proteome Research</i> , 2009, 8, 1358-1367. | 3.7 | 70 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Supported Molecular Matrix Electrophoresis: A New Tool for Characterization of Glycoproteins. <i>Analytical Chemistry</i> , 2009, 81, 3816-3823. | 6.5 | 51 |
| 182 | Enrichment Method of Sulfated Glycopeptides by a Sulfate Emerging and Ion Exchange Chromatography. <i>Analytical Chemistry</i> , 2009, 81, 6140-6147. | 6.5 | 12 |
| 183 | Glycosphingolipids are not pivotal receptors for Subtilase cytotoxin in vivo: Sensitivity analysis with glycosylation-defective mutant mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 179-181. | 2.1 | 13 |
| 184 | Preparation of a Glycan Library Using a Variety of Glycosyltransferases. , 2009, 534, 282-291. | | 6 |
| 185 | Molecular analysis of the pathophysiological binding of the platelet aggregation-inducing factor podoplanin to the C-type lectin-like receptor CLEC-2. <i>Cancer Science</i> , 2008, 99, 54-61. | 3.9 | 232 |
| 186 | Induction of podoplanin by transforming growth factor- β in human fibrosarcoma. <i>FEBS Letters</i> , 2008, 582, 341-345. | 2.8 | 40 |
| 187 | Platelets Strongly Induce Hepatocyte Proliferation with IGF-1 and HGF In Vitro. <i>Journal of Surgical Research</i> , 2008, 145, 279-286. | 1.6 | 115 |
| 188 | Immunocytochemical analysis for intracellular dynamics of C1GalT associated with molecular chaperone, Cosmc. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 199-205. | 2.1 | 18 |
| 189 | Expression of highly sulfated keratan sulfate synthesized in human glioblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 217-222. | 2.1 | 28 |
| 190 | Increased expression of highly sulfated keratan sulfate synthesized in malignant astrocytic tumors. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 1041-1046. | 2.1 | 29 |
| 191 | Molecular cloning, expression, and characterization of a novel endo- β -N-acetylgalactosaminidase from <i>Enterococcus faecalis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 541-546. | 2.1 | 28 |
| 192 | Quantitative Derivatization of Sialic Acids for the Detection of Sialoglycans by MALDI MS. <i>Analytical Chemistry</i> , 2008, 80, 5211-5218. | 6.5 | 82 |
| 193 | Engineering of mucin-type human glycoproteins in yeast cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3232-3237. | 7.1 | 86 |
| 194 | Identification of Further Elongation and Branching of Dimeric Type 1 Chain on Lactosylceramides from Colonic Adenocarcinoma by Tandem Mass Spectrometry Sequencing Analyses. <i>Journal of Biological Chemistry</i> , 2008, 283, 16455-16468. | 3.4 | 21 |
| 195 | Noroviruses Distinguish between Type 1 and Type 2 Histo-Blood Group Antigens for Binding. <i>Journal of Virology</i> , 2008, 82, 10756-10767. | 3.4 | 150 |
| 196 | Glycoconjugate microarray based on an evanescent-field fluorescence-assisted detection principle for investigation of glycan-binding proteins. <i>Glycobiology</i> , 2008, 18, 789-798. | 2.5 | 124 |
| 197 | Accumulation of free complex-type N-glycans in MKN7 and MKN45 stomach cancer cells. <i>Biochemical Journal</i> , 2008, 413, 227-237. | 3.7 | 51 |
| 198 | A Database System for Glycogenes (GGDB). , 2008, , 423-425. | | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 199 | Î²1,3-glycosyltransferase Gene Family and IGnT Gene Family. , 2008, , 24-29. | | 1 |
| 200 | Neutralization of Blood Group A-Antigen by a Novel Anti-A Antibody: Overcoming ABO-Incompatible Solid-Organ Transplantation. Transplantation, 2008, 85, 378-385. | 1.0 | 11 |
| 201 | Fucosyltransferase-9 Knockout Mouse. , 2008, , 377-378. | | 0 |
| 202 | Chondroitin Sulfate N-Acetylgalactosaminyltransferase-1 Plays a Critical Role in Chondroitin Sulfate Synthesis in Cartilage. Journal of Biological Chemistry, 2007, 282, 4152-4161. | 3.4 | 42 |
| 203 | Polylactosamine on glycoproteins influences basal levels of lymphocyte and macrophage activation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15829-15834. | 7.1 | 101 |
| 204 | Klotho-related Protein Is a Novel Cytosolic Neutral Î²-Glycosylceramidase. Journal of Biological Chemistry, 2007, 282, 30889-30900. | 3.4 | 84 |
| 205 | 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 |
| 206 | Involvement of the Snake Toxin Receptor CLEC-2, in Podoplanin-mediated Platelet Activation, by Cancer Cells. Journal of Biological Chemistry, 2007, 282, 25993-26001. | 3.4 | 442 |
| 207 | A novel strategy for mammalian cell surface glycome profiling using lectin microarray. Glycobiology, 2007, 17, 1138-1146. | 2.5 | 165 |
| 208 | Development of IgA Nephropathy-Like Disease with High Serum IgA Levels and Increased Proportion of Polymeric IgA in Î²-1,4-Galactosyltransferase-Deficient Mice. Contributions To Nephrology, 2007, 157, 125-128. | 1.1 | 4 |
| 209 | Direct On-Membrane Glycoproteomic Approach Using MALDI-TOF Mass Spectrometry Coupled with Microdispensing of Multiple Enzymes. Journal of Proteome Research, 2007, 6, 2488-2494. | 3.7 | 11 |
| 210 | Functional glycosylation of human podoplanin: Glycan structure of platelet aggregation-inducing factor. FEBS Letters, 2007, 581, 331-336. | 2.8 | 96 |
| 211 | Development of Immunoglobulin A Nephropathy- Like Disease in Î²-1,4-Galactosyltransferase-I-Deficient Mice. American Journal of Pathology, 2007, 170, 447-456. | 3.8 | 67 |
| 212 | Comparison of the methods for profiling glycoprotein glycansâ€™HUPO Human Disease Glycomics/Proteome Initiative multi-institutional study. Glycobiology, 2007, 17, 411-422. | 2.5 | 382 |
| 213 | Strategy for the fine characterization of glycosyltransferase specificity using isotopomer assembly. Nature Methods, 2007, 4, 577-582. | 19.0 | 22 |
| 214 | Cloning and Characterization of Î²1,3-Glycosyltransferase Family with a Î²3GT Motifs. Trends in Glycoscience and Glycotechnology, 2007, 19, 29-40. | 0.1 | 4 |
| 215 | Strategy for Simulation of CID Spectra of N-Linked Oligosaccharides toward Glycomics. Journal of Proteome Research, 2006, 5, 808-814. | 3.7 | 44 |
| 216 | Bioinformatics for comprehensive finding and analysis of glycosyltransferases. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 578-583. | 2.4 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 217 | Inhibition of tumor cell-induced platelet aggregation using a novel anti-podoplanin antibody reacting with its platelet-aggregation-stimulating domain. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 1301-1307. | 2.1 | 195 |
| 218 | Structural Basis of Carbohydrate Transfer Activity by Human UDP-GalNAc: Polypeptide β -N-Acetylgalactosaminyltransferase (pp-GalNAc-T10). <i>Journal of Molecular Biology</i> , 2006, 359, 708-727. | 4.2 | 108 |
| 219 | Neurological Disorders in Mice Lacking Glycogenes that are Mainly Expressed in Brain. <i>CNS and Neurological Disorders - Drug Targets</i> , 2006, 5, 441-444. | 1.4 | 3 |
| 220 | A computational study of structure-reactivity relationships in Na-adduct oligosaccharides in collision-induced dissociation reactions. <i>Carbohydrate Research</i> , 2006, 341, 624-633. | 2.3 | 19 |
| 221 | Human glycogene cloning: focus on β 3-glycosyltransferase and β 4-glycosyltransferase families. <i>Current Opinion in Structural Biology</i> , 2006, 16, 567-575. | 5.7 | 62 |
| 222 | Apical Golgi localization of N-acetyl-lactosylamine synthase, β 4GalNAc-T3, is responsible for LacdiNAc expression on gastric mucosa. <i>Glycobiology</i> , 2006, 16, 777-785. | 2.5 | 43 |
| 223 | A focused microarray approach to functional glycomics: transcriptional regulation of the glycome. <i>Glycobiology</i> , 2006, 16, 117-131. | 2.5 | 161 |
| 224 | Application of Lectin Microarray to Crude Samples: Differential Glycan Profiling of Lec Mutants. <i>Journal of Biochemistry</i> , 2006, 139, 323-327. | 1.7 | 64 |
| 225 | Comprehensive Enzymatic Characterization of Glycosyltransferases with a β 3GT or β 4GT Motif. <i>Methods in Enzymology</i> , 2006, 416, 91-102. | 1.0 | 43 |
| 226 | Molecular cloning and characterization of a novel human β 1,3-glucosyltransferase, which is localized at the endoplasmic reticulum and glucosylates O-linked fucosylglycan on thrombospondin type 1 repeat domain. <i>Glycobiology</i> , 2006, 16, 1194-1206. | 2.5 | 75 |
| 227 | Molecular Cloning and Characterization of a Novel β -Phosphoadenosine β -Phosphosulfate Transporter, PAPST2. <i>Journal of Biological Chemistry</i> , 2006, 281, 10945-10953. | 3.4 | 67 |
| 228 | Elucidation of binding specificity of Jacalin toward O-glycosylated peptides: quantitative analysis by frontal affinity chromatography. <i>Glycobiology</i> , 2006, 16, 46-53. | 2.5 | 103 |
| 229 | Cell-Cell Interaction-dependent Regulation of N-Acetylglucosaminyltransferase III and the Bisected N-Glycans in GE11 Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 13038-13046. | 3.4 | 57 |
| 230 | Molecular cloning and characterization of a novel UDP-Gal:GalNAc β peptide β 1,3-galactosyltransferase (C1Gal-T2), an enzyme synthesizing a core 1 structure of O-glycan. <i>VOLUME 277 (2002) PAGES 47724-47731. Journal of Biological Chemistry</i> , 2006, 281, 24999. | 3.4 | 0 |
| 231 | Molecular-Weight-Tagged Glycopeptide Library: Efficient Construction and Applications. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4547-4549. | 13.8 | 18 |
| 232 | Changes in N-linked sugar chain patterns induced by moderate-to-high expression of the galactosyltransferase I gene in a brain-derived cell line, CG4. <i>Journal of Neuroscience Research</i> , 2005, 80, 29-36. | 2.9 | 2 |
| 233 | The carbohydrate sequence markup language (CabosML): an XML description of carbohydrate structures. <i>Bioinformatics</i> , 2005, 21, 1717-1718. | 4.1 | 62 |
| 234 | Core 3 synthase is down-regulated in colon carcinoma and profoundly suppresses the metastatic potential of carcinoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4572-4577. | 7.1 | 134 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 235 | A Strategy for Identification of Oligosaccharide Structures Using Observational Multistage Mass Spectral Library. <i>Analytical Chemistry</i> , 2005, 77, 4719-4725. | 6.5 | 149 |
| 236 | LARGE2 facilitates the maturation of α -dystroglycan more effectively than LARGE. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 1162-1171. | 2.1 | 59 |
| 237 | A novel β 1,3-N-acetylglucosaminyltransferase (β 3Gn-T8), which synthesizes poly-N-acetylglucosamine, is dramatically upregulated in colon cancer. <i>FEBS Letters</i> , 2005, 579, 71-78. | 2.8 | 93 |
| 238 | A Post-Genomic Project: Comprehensive Study on Human Glycogenes. <i>Journal of Applied Glycoscience</i> (1999), 2005, 52, 197-201. | 0.7 | 1 |
| 239 | N-Acetylglucosaminyltransferase IX Acts on the GlcNAc β 1,2-Man α 1-Ser/Thr Moiety, Forming a 2,6-Branched Structure in Brain O-Mannosyl Glycan. <i>Journal of Biological Chemistry</i> , 2004, 279, 2337-2340. | 3.4 | 90 |
| 240 | Normal Embryonic and Germ Cell Development in Mice Lacking β 1,3-Fucosyltransferase IX (Fut9) Which Show Disappearance of Stage-Specific Embryonic Antigen 1. <i>Molecular and Cellular Biology</i> , 2004, 24, 4221-4228. | 2.3 | 66 |
| 241 | Molecular Cloning and Characterization of a Human Multisubstrate Specific Nucleotide-sugar Transporter Homologous to <i>Drosophila</i> fringe connection. <i>Journal of Biological Chemistry</i> , 2004, 279, 26469-26474. | 3.4 | 61 |
| 242 | Association between Expression Levels of CA 19-9 and β 1,3-Galactosyltransferase 5 Gene in Human Pancreatic Cancer Tissue. <i>Pathobiology</i> , 2004, 71, 26-34. | 3.8 | 14 |
| 243 | Expression of UDP-GalNAc:Polypeptide N-Acetylgalactosaminyltransferase-12 in Gastric and Colonic Cancer Cell Lines and in Human Colorectal Cancer. <i>Oncology</i> , 2004, 67, 271-276. | 1.9 | 30 |
| 244 | A Novel Human β 1,3-N-Acetylgalactosaminyltransferase That Synthesizes a Unique Carbohydrate Structure, GalNAc β 1-3GlcNAc. <i>Journal of Biological Chemistry</i> , 2004, 279, 14087-14095. | 3.4 | 57 |
| 245 | Elevated transcript level of hyaluronan synthase1 gene correlates with poor prognosis of human colon cancer. <i>Clinical and Experimental Metastasis</i> , 2004, 21, 57-63. | 3.3 | 48 |
| 246 | Construction of a human glycogene library and comprehensive functional analysis. <i>Glycoconjugate Journal</i> , 2004, 21, 17-24. | 2.7 | 81 |
| 247 | Detection of Oligosaccharides Labeled with Cyanine Dyes Using Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2004, 76, 4537-4542. | 6.5 | 43 |
| 248 | Characterization of a novel human UDP-GalNAc transferase, pp-GalNAc-T15. <i>FEBS Letters</i> , 2004, 566, 17-24. | 2.8 | 64 |
| 249 | Molecular cloning and characterization of β 1,4-N-acetylgalactosaminyltransferases IV synthesizing N,N ϵ -diacetylglucosamine1. <i>FEBS Letters</i> , 2004, 562, 134-140. | 2.8 | 58 |
| 250 | Comparison of Glycosyltransferase Families Using the Profile Hidden Markov Model. <i>Trends in Glycoscience and Glycotechnology</i> , 2004, 16, 87-94. | 0.1 | 0 |
| 251 | Comparison of glycosyltransferase families using the profile hidden Markov model. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 574-579. | 2.1 | 43 |
| 252 | Cloning and characterization of a novel UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase, pp-GalNAc-T14. <i>Biochemical and Biophysical Research Communications</i> , 2003, 300, 738-744. | 2.1 | 91 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 253 | Expression levels of FUT6 gene transfected into human colon carcinoma cells switch two sialyl-Lewis X-related carbohydrate antigens with distinct properties in cell adhesion. <i>Biochemical and Biophysical Research Communications</i> , 2003, 303, 896-901. | 2.1 | 12 |
| 254 | Chondroitin Sulfate Synthase-3. <i>Journal of Biological Chemistry</i> , 2003, 278, 39711-39725. | 3.4 | 76 |
| 255 | Cloning and Characterization of a New Human UDP-N-Acetyl-1,4-d-galactosamine:PolypeptideN-Acetylgalactosaminyltransferase, Designated pp-GalNAc-T13, That Is Specifically Expressed in Neurons and Synthesizes GalNAc 1,4-Serine/Threonine Antigen. <i>Journal of Biological Chemistry</i> , 2003, 278, 573-584. | 3.4 | 123 |
| 256 | Lewis Type 1 Antigen Synthase (1,3Gal-T5) Is Transcriptionally Regulated by Homeoproteins. <i>Journal of Biological Chemistry</i> , 2003, 278, 36611-36620. | 3.4 | 42 |
| 257 | Molecular Cloning and Characterization of a Novel Human 1,4-N-Acetylgalactosaminyltransferase, 1,4GalNAc-T3, Responsible for the Synthesis of N,N'-Diacetylglucosamine, GalNAc1,4GlcNAc. <i>Journal of Biological Chemistry</i> , 2003, 278, 47534-47544. | 3.4 | 88 |
| 258 | Differential Roles of Two N-Acetylgalactosaminyltransferases, CSGalNAcT-1, and a Novel Enzyme, CSGalNAcT-2. <i>Journal of Biological Chemistry</i> , 2003, 278, 3063-3071. | 3.4 | 99 |
| 259 | Molecular Cloning and Identification of 3'-Phosphoadenosine 5'-Phosphosulfate Transporter. <i>Journal of Biological Chemistry</i> , 2003, 278, 25958-25963. | 3.4 | 123 |
| 260 | Chondroitin Sulfate Synthase-2. <i>Journal of Biological Chemistry</i> , 2003, 278, 30235-30247. | 3.4 | 77 |
| 261 | Characterization of a Heparan Sulfate 3-O-Sulfotransferase-5, an Enzyme Synthesizing a Tetrasulfated Disaccharide. <i>Journal of Biological Chemistry</i> , 2003, 278, 26780-26787. | 3.4 | 57 |
| 262 | alpha1,3-Fucosyltransferase IX (Fut9) determines Lewis X expression in brain. <i>Glycobiology</i> , 2003, 13, 445-455. | 2.5 | 72 |
| 263 | Initiation of O-Glycan Synthesis in IgA1 Hinge Region Is Determined by a Single Enzyme, UDP-N-Acetyl-1,4-d-galactosamine:PolypeptideN-Acetylgalactosaminyltransferase 2. <i>Journal of Biological Chemistry</i> , 2003, 278, 5613-5621. | 3.4 | 87 |
| 264 | A novel I-branching 1,6-N-acetylglucosaminyltransferase involved in human blood group I antigen expression. <i>Blood</i> , 2003, 101, 2870-2876. | 1.4 | 77 |
| 265 | Role of sialyl Lewis X in liver metastasis in view of liver-associated immunity. <i>Hepato-Gastroenterology</i> , 2003, 50, 756-60. | 0.5 | 4 |
| 266 | CD44 variant exon 6 expressions in colon cancer assessed by quantitative analysis using real time reverse transcriptase-polymerase chain reaction. <i>Oncology Reports</i> , 2003, 10, 1919-24. | 2.6 | 20 |
| 267 | Molecular Cloning and Characterization of a Novel UDP-Gal:GalNAc Peptide 1,3-Galactosyltransferase (C1Gal-T2), an Enzyme Synthesizing a Core 1 Structure of O-Glycan. <i>Journal of Biological Chemistry</i> , 2002, 277, 47724-47731. | 3.4 | 71 |
| 268 | Pax6 Controls the Expression of Lewis x Epitope in the Embryonic Forebrain by Regulating 1,3-Fucosyltransferase IX Expression. <i>Journal of Biological Chemistry</i> , 2002, 277, 2033-2039. | 3.4 | 32 |
| 269 | 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. <i>Journal of Biological Chemistry</i> , 2002, 277, 38189-38196. | 3.4 | 71 |
| 270 | Molecular Cloning and Characterization of a Novel UDP-GlcNAc:GalNAc-peptide 1,3-N-Acetylglucosaminyltransferase (1,3Gn-T6), an Enzyme Synthesizing the Core 3 Structure of O-Glycans. <i>Journal of Biological Chemistry</i> , 2002, 277, 12802-12809. | 3.4 | 151 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 271 | Molecular Cloning and Characterization of a Novel Chondroitin Sulfate Glucuronyltransferase That Transfers Glucuronic Acid to N-Acetylgalactosamine. <i>Journal of Biological Chemistry</i> , 2002, 277, 38179-38188. | 3.4 | 70 |
| 272 | Fuc-TIX: a versatile α 1,3-fucosyltransferase with a distinct acceptor- and site-specificity profile. <i>Glycobiology</i> , 2002, 12, 361-368. | 2.5 | 18 |
| 273 | Molecular cloning and characterization of a novel member of the UDP-GalNAc:polypeptide α 1,3-N-acetylgalactosaminyltransferase family, ppGalNAcT12 ¹ . <i>FEBS Letters</i> , 2002, 524, 211-218. | 2.8 | 81 |
| 274 | Characterization of a novel human UDP-GalNAc transferase, ppGalNAcT10 ¹ . <i>FEBS Letters</i> , 2002, 531, 115-121. | 2.8 | 68 |
| 275 | α 1,3-Fucosyltransferase-IX (FUT9)., 2002, , 252-258. | | 1 |
| 276 | α 1,3-Fucosyltransferase-IV (FUT4)., 2002, , 226-231. | | 0 |
| 277 | The Evolutionary History of Glycosyltransferase Genes.. <i>Trends in Glycoscience and Glycotechnology</i> , 2001, 13, 147-155. | 0.1 | 18 |
| 278 | Development and Characterization of a Monoclonal Antibody Specific for Fucosyltransferase VII (Fuc-TVII): Discordant Expression of CLA and Fuc-TVII in Peripheral CD4+ and CD8+ T Cells. <i>Journal of Investigative Dermatology</i> , 2001, 117, 743-747. | 0.7 | 8 |
| 279 | Immunohistochemical Detection of Skin-Homing T Cells Expressing Fucosyltransferase VII (Fuc-TVII) In Vitro and In Situ. <i>Laboratory Investigation</i> , 2001, 81, 771-773. | 3.7 | 5 |
| 280 | CD15 Expression in Mature Granulocytes Is Determined by α 1,3-Fucosyltransferase IX, but in Promyelocytes and Monocytes by α 1,3-Fucosyltransferase IV. <i>Journal of Biological Chemistry</i> , 2001, 276, 16100-16106. | 3.4 | 108 |
| 281 | A Remodeling System of the α 2-Sulfo-Lewis a and α 2-Sulfo-Lewis x Epitopes. <i>Journal of Biological Chemistry</i> , 2001, 276, 38588-38594. | 3.4 | 26 |
| 282 | Identification and Characterization of Three Novel α 1,3-N-Acetylglucosaminyltransferases Structurally Related to the α 1,3-Galactosyltransferase Family. <i>Journal of Biological Chemistry</i> , 2001, 276, 3498-3507. | 3.4 | 126 |
| 283 | Molecular Cloning and Characterization of UDP-GlcNAc:Lactosylceramide α 1,3-N-Acetylglucosaminyltransferase (α 1,3-Gn-T5), an Essential Enzyme for the Expression of HNK-1 and Lewis X Epitopes on Glycolipids. <i>Journal of Biological Chemistry</i> , 2001, 276, 22032-22040. | 3.4 | 116 |
| 284 | Expression of Cutaneous Lymphocyte-Associated Antigen Regulated by a Set of Glycosyltransferases in Human T Cells: Involvement of α 1,3-Fucosyltransferase VII and α 1,4-Galactosyltransferase I. <i>Journal of Investigative Dermatology</i> , 2000, 115, 299-306. | 0.7 | 36 |
| 285 | Cloning, Expression, and Characterization of a Novel UDP-galactose: α 1,3-N-Acetylglucosamine α 1,3-Galactosyltransferase (α 1,3Gal-T5) Responsible for Synthesis of Type 1 Chain in Colorectal and Pancreatic Epithelia and Tumor Cells Derived Therefrom. <i>Journal of Biological Chemistry</i> , 1999, 274, 12499-12507. | 3.4 | 127 |
| 286 | Receptor for Hyaluronan-mediated Motility and CD44 Expressions in Colon Cancer Assessed by Quantitative Analysis Using Real-time Reverse Transcriptase-Polymerase Chain Reaction. <i>Japanese Journal of Cancer Research</i> , 1999, 90, 987-992. | 1.7 | 38 |
| 287 | Up-regulation of Lewis enzyme (Fuc-III) and plasma-type α 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 |
| 288 | α 1,3-Fucosyltransferase IX (Fuc-TIX) is very highly conserved between human and mouse; molecular cloning, characterization and tissue distribution of human Fuc-TIX. <i>FEBS Letters</i> , 1999, 452, 237-242. | 2.8 | 112 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 289 | Î±1,3-Fucosyltransferase 9 (FUT9; Fuc-TIX) preferentially fucosylates the distal GlcNAc residue of poly lactosamine chain while the other four Î±1,3FUT members preferentially fucosylate the inner GlcNAc residue. FEBS Letters, 1999, 462, 289-294. | 2.8 | 83 |
| 290 | A novel glycosyltransferase with a polyglutamine repeat; a new candidate for GD1â± synthase (ST6GalNAc V)1. FEBS Letters, 1999, 463, 92-96. | 2.8 | 42 |
| 291 | An immunohistochemical study of Î²1,4-galactosyltransferase in human skin tissue. Journal of Dermatological Science, 1999, 20, 183-190. | 1.9 | 5 |
| 292 | 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 |
| 293 | 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 |
| 294 | Molecular Identification of the Antigens Recognized by Monoclonal Antibody JT95 Specific for Thyroid Carcinomas. Biochemical and Biophysical Research Communications, 1998, 251, 449-453. | 2.1 | 9 |
| 295 | Novel Carbohydrate Specificity of Monoclonal Antibody 91.9H Prepared against Human Colonic Sulformucin: Recognition of Sulfo-Lewis a Structure. Biochemical and Biophysical Research Communications, 1998, 253, 374-381. | 2.1 | 23 |
| 296 | Single Glycosyltransferase, Core 2 Î²1â†'6-N-acetylglucosaminyltransferase, Regulates Cell Surface Sialyl-Lex Expression Level in Human Pre-B Lymphocytic Leukemia Cell Line KM3 Treated with Phorbol ester. Journal of Biological Chemistry, 1998, 273, 26779-26789. | 3.4 | 33 |
| 297 | Expression Cloning and Characterization of a Novel Murine Î±1,3-Fucosyltransferase, mFuc-TIX, That Synthesizes the Lewis x (CD15) Epitope in Brain and Kidney. Journal of Biological Chemistry, 1998, 273, 26729-26738. | 3.4 | 96 |
| 298 | Distinct Substrate Specificities of Five Human Î±-1,3-Fucosyltransferases for in Vivo Synthesis of the Sialyl Lewis x and Lewis x Epitopes. Biochemical and Biophysical Research Communications, 1997, 237, 131-137. | 2.1 | 37 |
| 299 | 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 |
| 300 | Secretory component, the receptor for polymeric immunoglobulin, has nothing to do with Î²-galactosyltransferase in human milk. Immunology Letters, 1996, 50, 99-104. | 2.5 | 4 |
| 301 | Golgi Localization and in Vivo Activity of a Mammalian Glycosyltransferase (Human) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 26 | 3.4 | 29 |
| 302 | Molecular Genetic Analysis of the Human Lewis Histo-blood Group System. Journal of Biological Chemistry, 1996, 271, 9830-9837. | 3.4 | 110 |
| 303 | Murine monoclonal antibody recognizing human Î±(1,3/1,4)fucosyltransferase. Glycoconjugate Journal, 1995, 12, 802-812. | 2.7 | 16 |
| 304 | The Î²1,4-galactosyltransferase gene is post-transcriptionally regulated during differentiation of mouse F9 teratocarcinoma cells. Glycobiology, 1995, 5, 397-405. | 2.5 | 20 |
| 305 | Recent Progress in Molecular Cloning of Glycosyltransferase Genes of Eukaryotes. Microbiology and Immunology, 1994, 38, 489-504. | 1.4 | 28 |
| 306 | Kinetic Study of Human Î²- 1,4-Galactosyltrasgerase Expressed in E.coli1. Journal of Biochemistry, 1993, 113, 747-753. | 1.7 | 40 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 307 | Recent Progress of Molecular Cloning Studies on Glycosyltransferases. Journal of Fiber Science and Technology, 1993, 49, P373-P382. | 0.0 | 0 |
| 308 | HLA class II antigens are associated with Japanese pemphigus patients. Human Immunology, 1991, 31, 246-250. | 2.4 | 28 |
| 309 | Characterization of a murine beta1-4galactosyltransferase expressed in COS-1 cells. FEBS Journal, 1991, 196, 363-368. | 0.2 | 16 |
| 310 | Glycotechnology by molecular biology.. Seibutsu Butsuri Kagaku, 1991, 35, 427-433. | 0.1 | 0 |
| 311 | Cloning and Sequencing of a Full-Length cDNA of Mouse N-Acetylglucosamine (21â€4)Galactosyltransferase1. Journal of Biochemistry, 1988, 104, 165-168. | 1.7 | 71 |
| 312 | INDUCTION OF CUTANEOUS GRAFT-VERSUS-HOST DISEASE BY ALLO- OR SELF-Ia-REACTIVE HELPER T CELLS IN MICE1. Transplantation, 1987, 43, 692-698. | 1.0 | 19 |
| 313 | Lichenoid Tissue Reaction Induced by Local Transfer of Ia-Reactive T-Cell Clones. Journal of Investigative Dermatology, 1986, 87, 33-38. | 0.7 | 30 |
| 314 | Mechanisms of the Adjuvant Effect of Nystatin on <i>In Vitro</i> Antibody Response of Mouse Spleen Cells. Microbiology and Immunology, 1977, 21, 137-152. | 1.4 | 12 |
| 315 | Adjuvant effect of nystatin on in vitro antibody response of mouse spleen cells to heterologous erythrocytes. Cellular Immunology, 1975, 17, 300-305. | 3.0 | 22 |
| 316 | CD44 variant exon 6 expressions in colon cancer assessed by quantitative analysis using real time reverse transcriptase-polymerase chain reaction. Oncology Reports, 0, , . | 2.6 | 10 |