

Shin-Yi Yu

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

977
citations

430874

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552781

26
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all docs

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docs citations

27
times ranked

1311
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Heteropolysaccharides from <i>S. cerevisiae</i> show anti-adhesive properties against <i>E. coli</i> associated with Crohn's disease. <i>Carbohydrate Polymers</i> , 2021, 271, 118415. | 10.2 | 8 |
| 2 | Macrobrychium rosenbergii nodavirus virus-like particles attach to fucosylated glycans in the gills of the giant freshwater prawn. <i>Cellular Microbiology</i> , 2020, 22, e13258. | 2.1 | 2 |
| 3 | Negative Ion Mode nanoLC-ESI-MS/MS Analyses of Permethylated Sulfated Glycans. <i>Bio-protocol</i> , 2020, 10, e3618. | 0.4 | 2 |
| 4 | Permethylation and Microfractionation of Sulfated Glycans for MS Analysis. <i>Bio-protocol</i> , 2020, 10, e3617. | 0.4 | 2 |
| 5 | Concerted mass spectrometry-based glycomic approach for precision mapping of sulfo sialylated N-glycans on human peripheral blood mononuclear cells and lymphocytes. <i>Glycobiology</i> , 2018, 28, 9-20. | 2.5 | 24 |
| 6 | Investigating the function of Gdt1p in yeast Golgi glycosylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 394-402. | 2.4 | 29 |
| 7 | Systems glycomics of adult zebrafish identifies organ-specific sialylation and glycosylation patterns. <i>Nature Communications</i> , 2018, 9, 4647. | 12.8 | 65 |
| 8 | Distinct substrate specificities of human GlcNAc-6-sulfotransferases revealed by mass spectrometry-based sulfoglycomic analysis. <i>Journal of Biological Chemistry</i> , 2018, 293, 15163-15177. | 3.4 | 24 |
| 9 | Tumor-Associated Glycans and Their Functional Roles in the Multistep Process of Human Cancer Progression. , 2015, , 139-158. | | 3 |
| 10 | Priming mass spectrometry-based sulfoglycomic mapping for identification of terminal sulfated lacdiNAc glycocone. <i>Glycoconjugate Journal</i> , 2013, 30, 183-194. | 2.7 | 16 |
| 11 | KSGal6ST generates galactose-6-O-sulfate in high endothelial venules but does not contribute to L-selectin-dependent lymphocyte homing. <i>Glycobiology</i> , 2013, 23, 381-394. | 2.5 | 34 |
| 12 | Prominent expression of sialyl Lewis X-capped core 2 branched O-glycans on high endothelial venule-like vessels in gastric MALT lymphoma. <i>Journal of Pathology</i> , 2011, 224, 67-77. | 4.5 | 37 |
| 13 | N-Glycosylation profiling of turtle egg yolk: expression of galabiose structure. <i>Carbohydrate Research</i> , 2010, 345, 442-448. | 2.3 | 11 |
| 14 | Core 2 O-Glycan Structure Is Essential for the Cell Surface Expression of Sucrase Isomaltase and Dipeptidyl Peptidase-IV during Intestinal Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2010, 285, 37683-37692. | 3.4 | 23 |
| 15 | Comparison of Methods for Profiling O-Glycosylation. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 719-727. | 3.8 | 136 |
| 16 | Mass Spectrometric Analysis of Sulfated N- and O-Glycans. <i>Methods in Enzymology</i> , 2010, 478, 3-26. | 1.0 | 40 |
| 17 | Core 3 O-Glycan Synthase Suppresses Tumor Formation and Metastasis of Prostate Carcinoma PC3 and LNCaP Cells through Down-regulation of $\alpha 5 \beta 1$ Integrin Complex. <i>Journal of Biological Chemistry</i> , 2009, 284, 17157-17169. | 3.4 | 66 |
| 18 | Enabling techniques and strategic workflow for sulfoglycomics based on mass spectrometry mapping and sequencing of permethylated sulfated glycans. <i>Glycobiology</i> , 2009, 19, 1136-1149. | 2.5 | 60 |

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|----|---|------|-----------|
| 19 | Identification of blood group A/ ^{Le^a} and B/ ^{Le^b} active glycotopes co-expressed on the O-glycans isolated from two distinct human ovarian cyst fluids. <i>Proteomics</i> , 2009, 9, 3445-3462. | 2.2 | 8 |
| 20 | Glycomic mapping of O- and N-linked glycans from major rat sublingual mucin. <i>Glycoconjugate Journal</i> , 2008, 25, 199-212. | 2.7 | 26 |
| 21 | A single step method for purification of sulfated oligosaccharides. <i>Glycoconjugate Journal</i> , 2008, 25, 903-915. | 2.7 | 6 |
| 22 | The expression of sialylated high-antennary N-glycans in edible bird's nest. <i>Carbohydrate Research</i> , 2008, 343, 1373-1377. | 2.3 | 47 |
| 23 | 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 |
| 24 | Analysis of protein-linked glycosylation in a sperm-somatic cell adhesion system. <i>Glycobiology</i> , 2007, 17, 553-567. | 2.5 | 21 |
| 25 | Glycomic mapping of pseudomucinous human ovarian cyst glycoproteins: Identification of Lewis and sialyl Lewis glycotopes. <i>Proteomics</i> , 2007, 7, 3699-3717. | 2.2 | 24 |
| 26 | Critical functions of N-glycans in L-selectin-mediated lymphocyte homing and recruitment. <i>Nature Immunology</i> , 2007, 8, 409-418. | 14.5 | 169 |
| 27 | Distinctive characteristics of MALDI-Q/TOF and TOF/TOF tandem mass spectrometry for sequencing of permethylated complex type N-glycans. <i>Glycoconjugate Journal</i> , 2006, 23, 355-369. | 2.7 | 73 |