

Adnan Halim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7960898/publications.pdf>

Version: 2024-02-01

47
papers

3,114
citations

159585

30
h-index

214800

47
g-index

49
all docs

49
docs citations

49
times ranked

4109
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Bacterial Mannose Binding Lectin as a Tool for the Enrichment of C- and O-Mannosylated Peptides. <i>Analytical Chemistry</i> , 2022, 94, 7329-7338. | 6.5 | 8 |
| 2 | Glycoproteomics. <i>Nature Reviews Methods Primers</i> , 2022, 2, . | 21.2 | 61 |
| 3 | O-linked mucin-type glycosylation regulates the transcriptional programme downstream of EGFR. <i>Glycobiology</i> , 2021, 31, 200-210. | 2.5 | 18 |
| 4 | Drosophila O-GlcNAcase Mutants Reveal an Expanded Glycoproteome and Novel Growth and Longevity Phenotypes. <i>Cells</i> , 2021, 10, 1026. | 4.1 | 6 |
| 5 | Display of the human mucinome with defined O-glycans by gene engineered cells. <i>Nature Communications</i> , 2021, 12, 4070. | 12.8 | 67 |
| 6 | Endoplasmic reticulum transmembrane protein TMTC3 contributes to O-mannosylation of E-cadherin, cellular adherence, and embryonic gastrulation. <i>Molecular Biology of the Cell</i> , 2020, 31, 167-183. | 2.1 | 21 |
| 7 | Multiple distinct O-Mannosylation pathways in eukaryotes. <i>Current Opinion in Structural Biology</i> , 2019, 56, 171-178. | 5.7 | 37 |
| 8 | Exploring Regulation of Protein O-Glycosylation in Isogenic Human HEK293 Cells by Differential O-Glycoproteomics. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1396-1409. | 3.8 | 44 |
| 9 | A strategy for generating cancer-specific monoclonal antibodies to aberrant O-glycoproteins: identification of a novel dysadherin-Tn antibody. <i>Glycobiology</i> , 2019, 29, 307-319. | 2.5 | 17 |
| 10 | SnapShot: O-Glycosylation Pathways across Kingdoms. <i>Cell</i> , 2018, 172, 632-632.e2. | 28.9 | 72 |
| 11 | GlycoDomainViewer: a bioinformatics tool for contextual exploration of glycoproteomes. <i>Glycobiology</i> , 2018, 28, 131-136. | 2.5 | 25 |
| 12 | Site-specific O-glycosylation of N-terminal serine residues by polypeptide GalNAc-transferase 2 modulates human μ -opioid receptor turnover at the plasma membrane. <i>Cellular Signalling</i> , 2018, 42, 184-193. | 3.6 | 24 |
| 13 | Genetically engineered cell factories produce glycoengineered vaccines that target antigen-presenting cells and reduce antigen-specific T-cell reactivity. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1983-1987. | 2.9 | 17 |
| 14 | Microbial glycoproteomics. <i>Current Opinion in Structural Biology</i> , 2017, 44, 143-150. | 5.7 | 6 |
| 15 | Mammalian O-mannosylation of cadherins and plexins is independent of protein O-mannosyltransferases 1 and 2. <i>Journal of Biological Chemistry</i> , 2017, 292, 11586-11598. | 3.4 | 39 |
| 16 | NleB/SseK effectors from <i>Citrobacter rodentium</i> , <i>Escherichia coli</i> , and <i>Salmonella enterica</i> display distinct differences in host substrate specificity. <i>Journal of Biological Chemistry</i> , 2017, 292, 11423-11430. | 3.4 | 56 |
| 17 | Discovery of an O-mannosylation pathway selectively serving cadherins and protocadherins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11163-11168. | 7.1 | 83 |
| 18 | Characterizing the O-glycosylation landscape of human plasma, platelets, and endothelial cells. <i>Blood Advances</i> , 2017, 1, 429-442. | 5.2 | 121 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Mapping the O-Mannose Glycoproteome in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1323-1337. | 3.8 | 61 |
| 20 | Complex Regulation of Prolyl-4-Hydroxylases Impacts Root Hair Expansion. <i>Molecular Plant</i> , 2015, 8, 734-746. | 8.3 | 70 |
| 21 | Discovery of a nucleocytoplasmic O-mannose glycoproteome in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15648-15653. | 7.1 | 67 |
| 22 | Glycoproteomic Analysis of Seven Major Allergenic Proteins Reveals Novel Post-translational Modifications. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 191-204. | 3.8 | 32 |
| 23 | Engineered CHO cells for production of diverse, homogeneous glycoproteins. <i>Nature Biotechnology</i> , 2015, 33, 842-844. | 17.5 | 213 |
| 24 | O-Linked Glycosylation of the Mucin Domain of the Herpes Simplex Virus Type 1-specific Glycoprotein gC-1 Is Temporally Regulated in a Seed-and-spread Manner. <i>Journal of Biological Chemistry</i> , 2015, 290, 5078-5091. | 3.4 | 21 |
| 25 | Molecular Logic of Neuronal Self-Recognition through Protocadherin Domain Interactions. <i>Cell</i> , 2015, 163, 629-642. | 28.9 | 141 |
| 26 | A systematic study of modulation of ADAM-mediated ectodomain shedding by site-specific O-glycosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14623-14628. | 7.1 | 98 |
| 27 | Advances in mass spectrometry driven O-glycoproteomics. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 33-42. | 2.4 | 104 |
| 28 | The GalNAc-type O-Glycoproteome of CHO Cells Characterized by the SimpleCell Strategy. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3224-3235. | 3.8 | 72 |
| 29 | Assignment of Saccharide Identities through Analysis of Oxonium Ion Fragmentation Profiles in LC-MS/MS of Glycopeptides. <i>Journal of Proteome Research</i> , 2014, 13, 6024-6032. | 3.7 | 129 |
| 30 | LC-MS/MS characterization of combined glycogenin-1 and glycogenin-2 enzymatic activities reveals their self-glycosylation preferences. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 398-405. | 2.3 | 11 |
| 31 | Low Density Lipoprotein Receptor Class A Repeats Are O-Glycosylated in Linker Regions. <i>Journal of Biological Chemistry</i> , 2014, 289, 17312-17324. | 3.4 | 46 |
| 32 | Characterization of Binding Epitopes of CA125 Monoclonal Antibodies. <i>Journal of Proteome Research</i> , 2014, 13, 3349-3359. | 3.7 | 42 |
| 33 | Mining the O-mannose glycoproteome reveals cadherins as major O-mannosylated glycoproteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 21018-21023. | 7.1 | 143 |
| 34 | LC-MS/MS Characterization of O-Glycosylation Sites and Glycan Structures of Human Cerebrospinal Fluid Glycoproteins. <i>Journal of Proteome Research</i> , 2013, 12, 573-584. | 3.7 | 97 |
| 35 | Involvement of viral glycoprotein gC ₁ in expression of the selectin ligand sialyl-Lewis X induced after infection with herpes simplex virus type 1. <i>Apmis</i> , 2013, 121, 280-289. | 2.0 | 7 |
| 36 | Targeting the glycoproteome. <i>Glycoconjugate Journal</i> , 2013, 30, 119-136. | 2.7 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Interlaboratory Study on Differential Analysis of Protein Glycosylation by Mass Spectrometry: The ABRF Glycoprotein Research Multi-Institutional Study 2012. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2935-2951. | 3.8 | 103 |
| 38 | O-Mannose and O-acetyl galactosamine glycosylation of mammalian Î±-dystroglycan is conserved in a region-specific manner. <i>Glycobiology</i> , 2012, 22, 1413-1423. | 2.5 | 32 |
| 39 | Human Urinary Glycoproteomics; Attachment Site Specific Analysis of N- and O-Linked Glycosylations by CID and ECD. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.013649. | 3.8 | 137 |
| 40 | Molecular pathogenesis of a new glycogenosis caused by a glycogenin-1 mutation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 493-499. | 3.8 | 13 |
| 41 | An online nano-ESI-FTICR-MS method for comprehensive characterization of endogenous fragments from amyloid Î² and amyloid precursor protein in human and cat cerebrospinal fluid. <i>Journal of Mass Spectrometry</i> , 2012, 47, 591-603. | 1.6 | 78 |
| 42 | The N-terminal domain of Î±-dystroglycan, released as a 38kDa protein, is increased in cerebrospinal fluid in patients with Lyme neuroborreliosis. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 494-499. | 2.1 | 11 |
| 43 | Site-specific characterization of threonine, serine, and tyrosine glycosylations of amyloid precursor protein/amyloid Î²-peptides in human cerebrospinal fluid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11848-11853. | 7.1 | 205 |
| 44 | Differentiation of glycosphingolipid-derived glycan structural isomers by liquid chromatography/mass spectrometry. <i>Glycobiology</i> , 2010, 20, 1103-1116. | 2.5 | 45 |
| 45 | Enrichment of glycopeptides for glycan structure and attachment site identification. <i>Nature Methods</i> , 2009, 6, 809-811. | 19.0 | 309 |
| 46 | Novel Leb-like Helicobacter pylori-binding glycosphingolipid created by the expression of human Î±-1,3/4-fucosyltransferase in FVB/N mouse stomach. <i>Glycobiology</i> , 2008, 19, 182-191. | 2.5 | 11 |
| 47 | Different affinity of galectins for human serum glycoproteins: Galectin-3 binds many protease inhibitors and acute phase proteins. <i>Glycobiology</i> , 2008, 18, 384-394. | 2.5 | 59 |