

Erika Staudacher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1572478/publications.pdf>

Version: 2024-02-01

35
papers

1,893
citations

394421

19
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

1485
citing authors

#	ARTICLE	IF	CITATIONS
1	Insect cells as hosts for the expression of recombinant glycoproteins. <i>Glycoconjugate Journal</i> , 1999, 16, 109-123.	2.7	300
2	Primary structures of the N-linked carbohydrate chains from honeybee venom phospholipase A ₂ . <i>FEBS Journal</i> , 1993, 213, 1193-1204.	0.2	212
3	Insect Cells Contain an Unusual, Membrane-bound β -N-Acetylglucosaminidase Probably Involved in the Processing of Protein N-Glycans. <i>Journal of Biological Chemistry</i> , 1995, 270, 17344-17349.	3.4	200
4	Fucose in N-glycans: from plant to man. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1999, 1473, 216-236.	2.4	197
5	Fucosyltransferase substrate specificity and the order of fucosylation in invertebrates. <i>Glycobiology</i> , 2005, 15, 463-474.	2.5	109
6	Purification, cDNA Cloning, and Expression of GDP-l-Fuc:Asn-linked GlcNAc β 1,3-Fucosyltransferase from Mung Beans. <i>Journal of Biological Chemistry</i> , 1999, 274, 21830-21839.	3.4	102
7	Distinct N-glycan fucosylation potentials of three lepidopteran cell lines. <i>FEBS Journal</i> , 1992, 207, 987-993.	0.2	71
8	β 1,6-Difucosylation of the asparagine-bound N-acetylglucosamine in honeybee venom phospholipase A ₂ . <i>Glycoconjugate Journal</i> , 1992, 9, 82-85.	2.7	65
9	Chapter 10 Protein Glycosylation in Insects. <i>New Comprehensive Biochemistry</i> , 1995, 29, 543-563.	0.1	56
10	Methylation – an uncommon modification of glycans. <i>Biological Chemistry</i> , 2012, 393, 675-685.	2.5	52
11	Synthesis of paucimannose N-glycans by <i>Caenorhabditis elegans</i> requires prior actions of UDP-N-acetyl-d-glucosamine:alpha-3-d-mannoside beta1,2-N-acetylglucosaminyltransferase I, alpha3,6-mannosidase II and a specific membrane-bound beta-N-acetylglucosaminidase. <i>Biochemical Journal</i> , 2003, 372, 53-64.	3.7	50
12	GDP-fucose: beta-N-acetylglucosamine (Fuc to (Fucalpha1 6GlcNAc)-Asn-peptide) alpha1 3-fucosyltransferase activity in honeybee (<i>Apis mellifica</i>) venom glands. The difucosylation of asparagine-bound N-acetylglucosamine. <i>FEBS Journal</i> , 1991, 199, 745-751.	0.2	49
13	Functional purification and characterization of a GDP-fucose: ?-N-acetylglucosamine (Fuc to Asn) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	46
14	Strict order of (Fuc to Asn-linked GlcNAc) fucosyltransferases forming core-difucosylated structures. , 1998, 15, 355-360.		41
15	Neutral N-glycan patterns of the gastropods <i>Limax maximus</i> , <i>Cepaea hortensis</i> , <i>Planorbarius corneus</i> , <i>Arianta arbustorum</i> and <i>Achatina fulica</i> . <i>Glycoconjugate Journal</i> , 2007, 24, 475-489.	2.7	37
16	Neutral N-glycans of the gastropod <i>Arion lusitanicus</i> . <i>FEBS Journal</i> , 2004, 271, 1348-1356.	0.2	36
17	Tetragametic chimerism detected in a healthy woman with mixed-field agglutination reactions in ABO blood grouping. <i>Transfusion</i> , 2005, 45, 698-703.	1.6	35
18	Mucin-Type O-Glycosylation in Invertebrates. <i>Molecules</i> , 2015, 20, 10622-10640.	3.8	29

#	ARTICLE	IF	CITATIONS
19	A new h allele detected in Europe has a missense mutation in alpha(1,2)-fucosyltransferase motif II. <i>Transfusion</i> , 2001, 41, 31-38.	1.6	23
20	Analysis of coenzyme Q systems, monosaccharide patterns of purified cell walls, and RAPD-PCR patterns in the genus <i>Kluyveromyces</i> . <i>Antonie Van Leeuwenhoek</i> , 1996, 70, 67-78.	1.7	20
21	.ALPHA.1,3-Fucosyltransferases.. <i>Trends in Glycoscience and Glycotechnology</i> , 1996, 8, 391-408.	0.1	20
22	Characterization of the isoforms of phospholipase A2 from honeybee venom. <i>Insect Biochemistry</i> , 1991, 21, 467-472.	1.8	19
23	HPLC method for the determination of Fuc to Asn-linked GlcNAc fucosyltransferases. <i>Glycoconjugate Journal</i> , 1998, 15, 89-91.	2.7	16
24	O-Glycosylation of snails. <i>Glycoconjugate Journal</i> , 2012, 29, 189-198.	2.7	16
25	Sialic acids in gastropods. <i>FEBS Letters</i> , 2001, 508, 95-98.	2.8	15
26	Determination of 3-O- and 4-O-methylated monosaccharide constituents in snail glycans. <i>Carbohydrate Research</i> , 2010, 345, 1504-1507.	2.3	15
27	Hypermethylation of anthranilic acid-labeled sugars confers the selectivity required for liquid chromatography-mass spectrometry. <i>Analytical Biochemistry</i> , 2016, 514, 24-31.	2.4	12
28	Expression and characterization of the first snail-derived UDP-N-acetyl-1,4-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase. <i>Glycoconjugate Journal</i> , 2013, 30, 825-833.	2.7	10
29	Mollusc N-glycosylation: Structures, Functions and Perspectives. <i>Biomolecules</i> , 2021, 11, 1820.	4.0	10
30	Occurrence of GDP-fucose: 2-N-acetylglucosamine (Fuc to Asn-linked GlcNAc) 1,6-fucosyltransferases in porcine, sheep, bovine, rabbit and chicken tissues. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2000, 1475, 360-368.	2.4	9
31	UDP-N-acetyl-1,4-D-galactosamine:polypeptide N-acetylgalactosaminyl-transferase from the snail <i>Biomphalaria glabrata</i> substrate specificity and preference of glycosylation sites. <i>Glycoconjugate Journal</i> , 2014, 31, 661-670.	2.7	6
32	UDP-N-acetyl-1,4-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase from the snail <i>Biomphalaria glabrata</i> structural reflections. <i>Glycoconjugate Journal</i> , 2020, 37, 15-25.	2.7	5
33	A novel variant B allele at the ABO gene locus characterized by a duplication-based insertion of 27 nucleotides identified in an Iraqi male with a weak B subgroup phenotype. <i>Transfusion</i> , 2018, 58, 1318-1319.	1.6	4
34	Insect cells as hosts for the expression of recombinant glycoproteins. , 1999, , 29-43.		3
35	PROTEIN N-GLYCOSYLATION OF GASTROPODS. <i>Current Topics in Biochemical Research</i> , 2009, 11, 29-39.	0.0	2