Clemens GrÃ¼nwald-Gruber

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5314123/publications.pdf

Version: 2024-02-01

24	547	840776 11	677142 22
papers	citations	h-index	g-index

27	27	27	711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering of complex protein sialylation in plants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9498-9503.	7.1	88
2	An oligosaccharyltransferase from Leishmania major increases the Nâ€glycan occupancy on recombinant glycoproteins produced in Nicotiana benthamiana. Plant Biotechnology Journal, 2018, 16, 1700-1709.	8.3	54
3	CRISPRâ€Based Targeted Epigenetic Editing Enables Gene Expression Modulation of the Silenced Betaâ€Galactoside Alphaâ€2,6â€Sialyltransferase 1 in CHO Cells. Biotechnology Journal, 2018, 13, e1700217.	3.5	50
4	Reduced paucimannosidic Nâ€glycan formation by suppression of a specific Î²â€hexosaminidase from Nicotiana benthamiana. Plant Biotechnology Journal, 2017, 15, 197-206.	8.3	46
5	Identification of lectin receptors for conserved SARSâ€CoVâ€2 glycosylation sites. EMBO Journal, 2021, 40, e108375.	7.8	44
6	Determination of true ratios of different N-glycan structures in electrospray ionization mass spectrometry. Analytical and Bioanalytical Chemistry, 2017, 409, 2519-2530.	3.7	40
7	N-Glycosylation of the SARS-CoV-2 Receptor Binding Domain Is Important for Functional Expression in Plants. Frontiers in Plant Science, 2021, 12, 689104.	3.6	34
8	Structure-guided glyco-engineering of ACE2 for improved potency as soluble SARS-CoV-2 decoy receptor. ELife, 2021, 10, .	6.0	29
9	BGAL1 depletion boosts the level of Î²â€galactosylation of Nâ€•and Oâ€glycans in N.Âbenthamiana. Plant Biotechnology Journal, 2020, 18, 1537-1549.	8.3	28
10	Production of a recombinant peroxidase in different glyco-engineered Pichia pastoris strains: a morphological and physiological comparison. Microbial Cell Factories, 2018, 17, 183.	4.0	27
11	Glycan profile of CHO derived IgM purified by highly efficient single step affinity chromatography. Analytical Biochemistry, 2017, 539, 162-166.	2.4	16
12	Investigation of a monoclonal antibody against enterotoxigenic Escherichia coli, expressed as secretory IgA1 and IgA2 in plants. Gut Microbes, 2021, 13, 1-14.	9.8	14
13	The Golgi Localization of GnTI Requires a Polar Amino Acid Residue within Its Transmembrane Domain. Plant Physiology, 2019, 180, 859-873.	4.8	13
14	Expression Profiling and Glycan Engineering of IgG Subclass 1â€“4 in Nicotiana benthamiana. Frontiers in Bioengineering and Biotechnology, 2020, 8, 825.	4.1	12
15	Oligomannosidic glycans at Asn-110 are essential for secretion of human diamine oxidase. Journal of Biological Chemistry, 2018, 293, 1070-1087.	3.4	9
16	The Degree and Length of Oâ€Glycosylation of Recombinant Proteins Produced in Pichia pastoris Depends on the Nature of the Protein and the Process Type. Biotechnology Journal, 2021, 16, e2000266.	3.5	9
17	A HER2-Displaying Virus-Like Particle Vaccine Protects from Challenge with Mammary Carcinoma Cells in a Mouse Model. Vaccines, 2019, 7, 41.	4.4	7
18	The Instability of Dimeric Fc-Fusions Expressed in Plants Can Be Solved by Monomeric Fc Technology. Frontiers in Plant Science, 2021, 12, 671728.	3.6	7

#	Article	IF	Citations
19	Syntheticâ€Linked 4â€Aminoâ€4â€deoxyâ€l â€arabinose Derivatives Demonstrate that ArnT is an Inverting Aminoarabinosyl Transferase. ChemBioChem, 2019, 20, 2936-2948.	2.6	5
20	A Combination of Structural, Genetic, Phenotypic and Enzymatic Analyses Reveals the Importance of a Predicted Fucosyltransferase to Protein O-Glycosylation in the Bacteroidetes. Biomolecules, 2021, 11, 1795.	4.0	5
21	Transient pentameric IgM fulfill biological functionâ€"Effect of expression host and transfection on IgM properties. PLoS ONE, 2020, 15, e0229992.	2.5	4
22	Shut-Down of Type IX Protein Secretion Alters the Host Immune Response to Tannerella forsythia and Porphyromonas gingivalis. Frontiers in Cellular and Infection Microbiology, 2022, 12, 835509.	3.9	4
23	LC-MS Analysis of (Glyco-)Proteins of Pichia pastoris. Methods in Molecular Biology, 2019, 1923, 351-360.	0.9	1
24	Letter to the Editor regarding â€œAnalysis of recombinant human follicle-stimulating hormone by mass spectrometric approachesâ€• Analytical and Bioanalytical Chemistry, 2017, 409, 3899-3900.	3.7	0