

Clemens GrÃ¼nwald-Gruber

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

547
citations

840776

11
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

711
citing authors

#	ARTICLE	IF	CITATIONS
1	Shut-Down of Type IX Protein Secretion Alters the Host Immune Response to <i>Tannerella forsythia</i> and <i>Porphyromonas gingivalis</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 835509.	3.9	4
2	The Degree and Length of <i>O</i> -Glycosylation of Recombinant Proteins Produced in <i>Pichia pastoris</i> Depends on the Nature of the Protein and the Process Type. <i>Biotechnology Journal</i> , 2021, 16, e2000266.	3.5	9
3	N-Glycosylation of the SARS-CoV-2 Receptor Binding Domain Is Important for Functional Expression in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 689104.	3.6	34
4	The Instability of Dimeric Fc-Fusions Expressed in Plants Can Be Solved by Monomeric Fc Technology. <i>Frontiers in Plant Science</i> , 2021, 12, 671728.	3.6	7
5	Identification of lectin receptors for conserved SARS-CoV-2 glycosylation sites. <i>EMBO Journal</i> , 2021, 40, e108375.	7.8	44
6	Investigation of a monoclonal antibody against enterotoxigenic <i>Escherichia coli</i> , expressed as secretory IgA1 and IgA2 in plants. <i>Gut Microbes</i> , 2021, 13, 1-14.	9.8	14
7	A Combination of Structural, Genetic, Phenotypic and Enzymatic Analyses Reveals the Importance of a Predicted Fucosyltransferase to Protein O-Glycosylation in the Bacteroidetes. <i>Biomolecules</i> , 2021, 11, 1795.	4.0	5
8	Structure-guided glyco-engineering of ACE2 for improved potency as soluble SARS-CoV-2 decoy receptor. <i>ELife</i> , 2021, 10, .	6.0	29
9	BGAL1 depletion boosts the level of <i>N</i> -galactosylation of <i>N</i> - and <i>O</i> -glycans in <i>N. benthamiana</i> . <i>Plant Biotechnology Journal</i> , 2020, 18, 1537-1549.	8.3	28
10	Expression Profiling and Glycan Engineering of IgG Subclass 1 ^{H4} in <i>Nicotiana benthamiana</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 825.	4.1	12
11	Transient pentameric IgM fulfill biological function—Effect of expression host and transfection on IgM properties. <i>PLoS ONE</i> , 2020, 15, e0229992.	2.5	4
12	A HER2-Displaying Virus-Like Particle Vaccine Protects from Challenge with Mammary Carcinoma Cells in a Mouse Model. <i>Vaccines</i> , 2019, 7, 41.	4.4	7
13	Synthetic Phosphodiester-Linked 4-Amino-2-Deoxy-2-Arabinose Derivatives Demonstrate that ArnT is an Inverting Aminoarabinosyl Transferase. <i>ChemBioChem</i> , 2019, 20, 2936-2948.	2.6	5
14	The Golgi Localization of GnTI Requires a Polar Amino Acid Residue within Its Transmembrane Domain. <i>Plant Physiology</i> , 2019, 180, 859-873.	4.8	13
15	LC-MS Analysis of (Glyco-)Proteins of <i>Pichia pastoris</i> . <i>Methods in Molecular Biology</i> , 2019, 1923, 351-360.	0.9	1
16	An oligosaccharyltransferase from <i>Leishmania major</i> increases the <i>N</i> -glycan occupancy on recombinant glycoproteins produced in <i>Nicotiana benthamiana</i> . <i>Plant Biotechnology Journal</i> , 2018, 16, 1700-1709.	8.3	54
17	Oligomannosidic glycans at Asn-110 are essential for secretion of human diamine oxidase. <i>Journal of Biological Chemistry</i> , 2018, 293, 1070-1087.	3.4	9
18	Production of a recombinant peroxidase in different glyco-engineered <i>Pichia pastoris</i> strains: a morphological and physiological comparison. <i>Microbial Cell Factories</i> , 2018, 17, 183.	4.0	27

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19	CRISPR-Based Targeted Epigenetic Editing Enables Gene Expression Modulation of the Silenced Beta-Galactoside Alpha-2,6-Sialyltransferase 1 in CHO Cells. <i>Biotechnology Journal</i> , 2018, 13, e1700217.	3.5	50
20	Determination of true ratios of different N-glycan structures in electrospray ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2519-2530.	3.7	40
21	Letter to the Editor regarding "Analysis of recombinant human follicle-stimulating hormone by mass spectrometric approaches". <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3899-3900.	3.7	0
22	Glycan profile of CHO derived IgM purified by highly efficient single step affinity chromatography. <i>Analytical Biochemistry</i> , 2017, 539, 162-166.	2.4	16
23	Reduced paucimannosidic N-glycan formation by suppression of a specific β -hexosaminidase from <i>Nicotiana benthamiana</i> . <i>Plant Biotechnology Journal</i> , 2017, 15, 197-206.	8.3	46
24	Engineering of complex protein sialylation in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9498-9503.	7.1	88