Therese Wohlschlager

List of Publications by Year
in descending order

21 papers	1,104 citations	759233 12 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	1825 citing authors

#	Article	IF	Citations
1	Structure–function relationship of a novel fucoside-binding fruiting body lectin from *Coprinopsis cinerea* exhibiting nematotoxic activity. Glycobiology, 2022, , .	2.5	2
2	Exploring the Chemical Space of Protein Glycosylation in Noncovalent Protein Complexes: An Expedition along Different Structural Levels of Human Chorionic Gonadotropin by Employing Mass Spectrometry. Analytical Chemistry, 2021, 93, 10424-10434.	6.5	6
3	Exploring sample preparation and data evaluation strategies for enhanced identification of host cell proteins in drug products of therapeutic antibodies and Fc-fusion proteins. Analytical and Bioanalytical Chemistry, 2020, 412, 6583-6593.	3.7	8
4	Towards middle-up analysis of polyclonal antibodies: subclass-specific N-glycosylation profiling of murine immunoglobulin G (IgG) by means of HPLC-MS. Scientific Reports, 2020, 10, 18080.	3.3	7
5	Eine einfache Strategie zur Korrektur des Fehlers aufgrund von Hexosylierung bei relativer Quantifizierung der N‐Glykosylierungsvarianten von Biopharmazeutika. Angewandte Chemie, 2020, 132, 16359-16367.	2.0	0
6	A Simple Strategy to Eliminate Hexosylation Bias in the Relative Quantification of N‐Glycosylation in Biopharmaceuticals. Angewandte Chemie - International Edition, 2020, 59, 16225-16232.	13.8	3
7	Expression, Purification, and Functional Characterization of Tectonin 2 from Laccaria bicolor: A Six-Bladed Beta-Propeller Lectin Specific for O-Methylated Glycans. Methods in Molecular Biology, 2020, 2132, 669-682.	0.9	1
8	Dilute-and-shoot analysis of therapeutic monoclonal antibody variants in fermentation broth: a method capability study. MAbs, 2019, 11, 569-582.	5.2	15
9	MoFi: A Software Tool for Annotating Glycoprotein Mass Spectra by Integrating Hybrid Data from the Intact Protein and Glycopeptide Level. Analytical Chemistry, 2018, 90, 5728-5736.	6.5	21
10	Crystal Structures of Fungal Tectonin in Complex with O-Methylated Glycans Suggest Key Role in Innate Immune Defense. Structure, 2018, 26, 391-402.e4.	3.3	28
11	How many human proteoforms are there?. Nature Chemical Biology, 2018, 14, 206-214.	8.0	580
12	Native mass spectrometry combined with enzymatic dissection unravels glycoform heterogeneity of biopharmaceuticals. Nature Communications, 2018, 9, 1713.	12.8	87
13	A Generic HPLC Method for Absolute Quantification of Oxidation in Monoclonal Antibodies and Fc-Fusion Proteins Using UV and MS Detection. Analytical Chemistry, 2017, 89, 8391-8398.	6.5	24
14	Methylated glycans as conserved targets of animal and fungal innate defense. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2787-96.	7.1	74
15	Membrane cholesterol and sphingomyelin, and ostreolysin A are obligatory for pore-formation by a MACPF/CDC-like pore-forming protein, pleurotolysin B. Biochimie, 2013, 95, 1855-1864.	2.6	68
16	Identification of the galactosyltransferase of Cryptococcus neoformans involved in the biosynthesis of basidiomycete-type glycosylinositolphosphoceramide. Glycobiology, 2013, 23, 1210-1219.	2.5	7
17	Nematotoxicity of Marasmius oreades Agglutinin (MOA) Depends on Glycolipid Binding and Cysteine Protease Activity. Journal of Biological Chemistry, 2011, 286, 30337-30343.	3.4	42
18	Burkavidin: A novel secreted biotin-binding protein from the human pathogen Burkholderia pseudomallei. Protein Expression and Purification, 2011, 77, 131-139.	1.3	16

#	Article	IF	Citations
19	A lectin‐mediated resistance of higher fungi against predators and parasites. Molecular Ecology, 2011, 20, 3056-3070.	3.9	92
20	Chemo‐Genetic Optimization of DNA Recognition by Metallodrugs using a Presenter‐Protein Strategy. Chemistry - A European Journal, 2010, 16, 12883-12889.	3.3	12
21	Inhibition of Aspergillus fumigatus conidia binding to extracellular matrix proteins by sialic acids: a pH effect?. Microbiology (United Kingdom), 2009, 155, 3100-3109.	1.8	11