

# Therese Wohlschlager

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2088319/publications.pdf>

Version: 2024-02-01

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	How many human proteoforms are there?. <i>Nature Chemical Biology</i> , 2018, 14, 206-214.	8.0	580
2	A lectin-mediated resistance of higher fungi against predators and parasites. <i>Molecular Ecology</i> , 2011, 20, 3056-3070.	3.9	92
3	Native mass spectrometry combined with enzymatic dissection unravels glycoform heterogeneity of biopharmaceuticals. <i>Nature Communications</i> , 2018, 9, 1713.	12.8	87
4	Methylated glycans as conserved targets of animal and fungal innate defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2787-96.	7.1	74
5	Membrane cholesterol and sphingomyelin, and ostreolysin A are obligatory for pore-formation by a MACPF/CDC-like pore-forming protein, pleurotolysin B. <i>Biochimie</i> , 2013, 95, 1855-1864.	2.6	68
6	Nematotoxicity of <i>Marasmius oryzae</i> Agglutinin (MOA) Depends on Glycolipid Binding and Cysteine Protease Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 30337-30343.	3.4	42
7	Crystal Structures of Fungal Tectonin in Complex with O-Methylated Glycans Suggest Key Role in Innate Immune Defense. <i>Structure</i> , 2018, 26, 391-402.e4.	3.3	28
8	A Generic HPLC Method for Absolute Quantification of Oxidation in Monoclonal Antibodies and Fc-Fusion Proteins Using UV and MS Detection. <i>Analytical Chemistry</i> , 2017, 89, 8391-8398.	6.5	24
9	MoFi: A Software Tool for Annotating Glycoprotein Mass Spectra by Integrating Hybrid Data from the Intact Protein and Glycopeptide Level. <i>Analytical Chemistry</i> , 2018, 90, 5728-5736.	6.5	21
10	Burkavidin: A novel secreted biotin-binding protein from the human pathogen <i>Burkholderia pseudomallei</i> . <i>Protein Expression and Purification</i> , 2011, 77, 131-139.	1.3	16
11	Dilute-and-shoot analysis of therapeutic monoclonal antibody variants in fermentation broth: a method capability study. <i>MABs</i> , 2019, 11, 569-582.	5.2	15
12	Chemo-genetic Optimization of DNA Recognition by Metallo-drugs using a Presenter-Protein Strategy. <i>Chemistry - A European Journal</i> , 2010, 16, 12883-12889.	3.3	12
13	Inhibition of <i>Aspergillus fumigatus</i> conidia binding to extracellular matrix proteins by sialic acids: a pH effect?. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3100-3109.	1.8	11
14	Exploring sample preparation and data evaluation strategies for enhanced identification of host cell proteins in drug products of therapeutic antibodies and Fc-fusion proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6583-6593.	3.7	8
15	Identification of the galactosyltransferase of <i>Cryptococcus neoformans</i> involved in the biosynthesis of basidiomycete-type glycosylinositolphosphoceramide. <i>Glycobiology</i> , 2013, 23, 1210-1219.	2.5	7
16	Towards middle-up analysis of polyclonal antibodies: subclass-specific N-glycosylation profiling of murine immunoglobulin G (IgG) by means of HPLC-MS. <i>Scientific Reports</i> , 2020, 10, 18080.	3.3	7
17	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. <i>Analytical Chemistry</i> , 2021, 93, 10424-10434.	6.5	6
18	A Simple Strategy to Eliminate Hexosylation Bias in the Relative Quantification of N-glycosylation in Biopharmaceuticals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16225-16232.	13.8	3

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19	Structure–function relationship of a novel fucoside-binding fruiting body lectin from <i>Coprinopsis cinerea</i> exhibiting nematotoxic activity. <i>Glycobiology</i> , 2022, , .	2.5	2
20	Expression, Purification, and Functional Characterization of Tectonin 2 from <i>Laccaria bicolor</i> : A Six-Bladed Beta-Propeller Lectin Specific for O-Methylated Glycans. <i>Methods in Molecular Biology</i> , 2020, 2132, 669-682.	0.9	1
21	Eine einfache Strategie zur Korrektur des Fehlers aufgrund von Hexosylierung bei relativer Quantifizierung der N-Glykosylierungsvarianten von Biopharmazeutika. <i>Angewandte Chemie</i> , 2020, 132, 16359-16367.	2.0	0