

# Yanping Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11049140/publications.pdf>

Version: 2024-02-01

17  
papers

1,849  
citations

623734

14  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

3303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex pectin metabolism by gut bacteria reveals novel catalytic functions. <i>Nature</i> , 2017, 544, 65-70.	27.8	447
2	Human gut Bacteroidetes can utilize yeast mannan through a selfish mechanism. <i>Nature</i> , 2015, 517, 165-169.	27.8	427
3	The Emerging Link between O-GlcNAc and Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2014, 289, 34472-34481.	3.4	205
4	Mechanistic insights into a Ca <sup>2+</sup> -dependent family of $\beta$ -mannosidases in a human gut symbiont. <i>Nature Chemical Biology</i> , 2010, 6, 125-132.	8.0	115
5	Pharmacological inhibition of O-GlcNAcase (OGA) prevents cognitive decline and amyloid plaque formation in bigenic tau/APP mutant mice. <i>Molecular Neurodegeneration</i> , 2014, 9, 42.	10.8	114
6	O-GlcNAc occurs cotranslationally to stabilize nascent polypeptide chains. <i>Nature Chemical Biology</i> , 2015, 11, 319-325.	8.0	113
7	Structure and Function of an Arabinoxylan-specific Xylanase. <i>Journal of Biological Chemistry</i> , 2011, 286, 22510-22520.	3.4	89
8	Post-translational O-GlcNAcylation is essential for nuclear pore integrity and maintenance of the pore selectivity filter. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 2-16.	3.3	57
9	Pharmacological Inhibition of O-GlcNAcase Enhances Autophagy in Brain through an mTOR-Independent Pathway. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1366-1379.	3.5	47
10	Structure and Kinetic Investigation of <i>Streptococcus pyogenes</i> Family GH38 $\beta$ -Mannosidase. <i>PLoS ONE</i> , 2010, 5, e9006.	2.5	41
11	Direct One-Step Fluorescent Labeling of O-GlcNAc-Modified Proteins in Live Cells Using Metabolic Intermediates. <i>Journal of the American Chemical Society</i> , 2018, 140, 15300-15308.	13.7	39
12	Catalytic Promiscuity of O-GlcNAc Transferase Enables Unexpected Metabolic Engineering of Cytoplasmic Proteins with 2-Azido-2-deoxy-glucose. <i>ACS Chemical Biology</i> , 2017, 12, 206-213.	3.4	34
13	A Novel, Noncatalytic Carbohydrate-binding Module Displays Specificity for Galactose-containing Polysaccharides through Calcium-mediated Oligomerization. <i>Journal of Biological Chemistry</i> , 2011, 286, 22499-22509.	3.4	33
14	Tandem Bioorthogonal Labeling Uncovers Endogenous Cotranslationally O-GlcNAc Modified Nascent Proteins. <i>Journal of the American Chemical Society</i> , 2020, 142, 15729-15739.	13.7	27
15	Thermal Proteome Profiling Reveals the O-GlcNAc-Dependent Meltome. <i>Journal of the American Chemical Society</i> , 2022, 144, 3833-3842.	13.7	19
16	A versatile fluorescence-quenched substrate for quantitative measurement of glucocerebrosidase activity within live cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	10
17	<i>Bacteroides thetaiotaomicron</i> generates diverse $\beta$ -mannosidase activities through subtle evolution of a distal substrate-binding motif. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 394-404.	2.3	8