

Yanping Zhu

List of Publications by Year in descending order

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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	Thermal Proteome Profiling Reveals the O-GlcNAc-Dependent Meltome. <i>Journal of the American Chemical Society</i> , 2022, 144, 3833-3842.	13.7	19
2	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
3	Tandem Bioorthogonal Labeling Uncovers Endogenous Cotranslationally <i>O</i> -GlcNAc Modified Nascent Proteins. <i>Journal of the American Chemical Society</i> , 2020, 142, 15729-15739.	13.7	27
4	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
5	<i>Bacteroides thetaiotaomicron</i> generates diverse α -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
6	Direct One-Step Fluorescent Labeling of <i>O</i> -GlcNAc-Modified Proteins in Live Cells Using Metabolic Intermediates. <i>Journal of the American Chemical Society</i> , 2018, 140, 15300-15308.	13.7	39
7	Complex pectin metabolism by gut bacteria reveals novel catalytic functions. <i>Nature</i> , 2017, 544, 65-70.	27.8	447
8	Catalytic Promiscuity of <i>O</i> -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
9	Post-translational <i>O</i> -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
10	Human gut Bacteroidetes can utilize yeast mannan through a selfish mechanism. <i>Nature</i> , 2015, 517, 165-169.	27.8	427
11	<i>O</i> -GlcNAc occurs cotranslationally to stabilize nascent polypeptide chains. <i>Nature Chemical Biology</i> , 2015, 11, 319-325.	8.0	113
12	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
13	The Emerging Link between O-GlcNAc and Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2014, 289, 34472-34481.	3.4	205
14	Structure and Function of an Arabinoxylan-specific Xylanase. <i>Journal of Biological Chemistry</i> , 2011, 286, 22510-22520.	3.4	89
15	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
16	Mechanistic insights into a Ca ²⁺ -dependent family of α -mannosidases in a human gut symbiont. <i>Nature Chemical Biology</i> , 2010, 6, 125-132.	8.0	115
17	Structure and Kinetic Investigation of <i>Streptococcus pyogenes</i> Family GH38 α -Mannosidase. <i>PLoS ONE</i> , 2010, 5, e9006.	2.5	41