

# Yuntao Zhu

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,596  
citations

331670

21  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Click-ExM enables expansion microscopy for all biomolecules. <i>Nature Methods</i> , 2021, 18, 107-113.	19.0	91
2	Identifying the origin of local flexibility in a carbohydrate polymer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
3	Automated Assembly of Starch and Glycogen Polysaccharides. <i>Journal of the American Chemical Society</i> , 2021, 143, 9758-9768.	13.7	54
4	Targeted Chemical Modifications Identify Key Features of Carbohydrate Assemblies and Generate Tailored Carbohydrate Materials. <i>Chemistry - A European Journal</i> , 2021, 27, 13139-13143.	3.3	9
5	Exploring the Molecular Conformation Space by Soft Molecule- <i>Surface Collision</i> . <i>Journal of the American Chemical Society</i> , 2020, 142, 21420-21427.	13.7	41
6	Automated access to well-defined ionic oligosaccharides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1349-1353.	2.8	14
7	Systematic Hydrogen-Bond Manipulations To Establish Polysaccharide Structure-Property Correlations. <i>Angewandte Chemie</i> , 2019, 131, 13261-13266.	2.0	35
8	Systematic Hydrogen-Bond Manipulations To Establish Polysaccharide Structure-Property Correlations. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13127-13132.	13.8	76
9	9-Azido Analogues of Three Sialic Acid Forms for Metabolic Remodeling of Cell-Surface Sialoglycans. <i>ACS Chemical Biology</i> , 2019, 14, 2141-2147.	3.4	9
10	Carbohydrate-based nanomaterials for biomedical applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1558.	6.1	58
11	Traceless Photolabile Linker Expedites the Chemical Synthesis of Complex Oligosaccharides by Automated Glycan Assembly. <i>Journal of the American Chemical Society</i> , 2019, 141, 9079-9086.	13.7	41
12	<i>Legionella</i> effector SetA as a general O-glucosyltransferase for eukaryotic proteins. <i>Nature Chemical Biology</i> , 2019, 15, 213-216.	8.0	21
13	Artificial Cysteine Glycosylation Induced by Peracetylated Unnatural Monosaccharides during Metabolic Glycan Labeling ( <i>Angew. Chem.</i> 7/2018). <i>Angewandte Chemie</i> , 2018, 130, 2024-2024.	2.0	0
14	Artificial Cysteine Glycosylation Induced by Peracetylated Unnatural Monosaccharides during Metabolic Glycan Labeling. <i>Angewandte Chemie</i> , 2018, 130, 1835-1838.	2.0	27
15	Quantitative Profiling of Protein Carbonylations in Ferroptosis by an Aniline-Derived Probe. <i>Journal of the American Chemical Society</i> , 2018, 140, 4712-4720.	13.7	139
16	Artificial Cysteine Glycosylation Induced by Peracetylated Unnatural Monosaccharides during Metabolic Glycan Labeling. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1817-1820.	13.8	148
17	Quantitative Profiling of Protein O-GlcNAcylation Sites by an Isotope-Tagged Cleavable Linker. <i>ACS Chemical Biology</i> , 2018, 13, 1983-1989.	3.4	73
18	Expanding the Scope of Metabolic Glycan Labeling in <i>Arabidopsis thaliana</i> . <i>ChemBioChem</i> , 2017, 18, 1286-1296.	2.6	24

#	ARTICLE	IF	CITATIONS
19	Quantitative time-resolved chemoproteomics reveals that stable <i>O</i> -GlcNAc regulates box C/D snoRNP biogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6749-E6758.	7.1	81
20	Selective Imaging of Gram-Negative and Gram-Positive Microbiotas in the Mouse Gut. <i>Biochemistry</i> , 2017, 56, 3889-3893.	2.5	65
21	Metabolic Labeling and Imaging of $\epsilon$ -Linked Glycans in <i>Arabidopsis Thaliana</i> . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9301-9305.	13.8	60
22	In vivo metabolic labeling of sialoglycans in the mouse brain by using a liposome-assisted bioorthogonal reporter strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5173-5178.	7.1	122
23	Metabolic Labeling and Imaging of $\epsilon$ -Linked Glycans in <i>Arabidopsis Thaliana</i> . <i>Angewandte Chemie</i> , 2016, 128, 9447-9451.	2.0	21
24	Nitrilase-Activatable Noncanonical Amino Acid Precursors for Cell-Selective Metabolic Labeling of Proteomes. <i>ACS Chemical Biology</i> , 2016, 11, 3273-3277.	3.4	20
25	A Cis-Membrane FRET-Based Method for Protein-Specific Imaging of Cell-Surface Glycans. <i>Journal of the American Chemical Society</i> , 2014, 136, 679-687.	13.7	101
26	Live-Cell Stimulated Raman Scattering Imaging of Alkyne-Tagged Biomolecules. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5827-5831.	13.8	169
27	Progress in the Synthesis of Sialic Acid Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2014, 34, 461.	1.3	3
28	Alendronate functionalized mesoporous hydroxyapatite nanoparticles for drug delivery. <i>Materials Research Bulletin</i> , 2013, 48, 2201-2204.	5.2	42