

# Yuntao Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5617683/publications.pdf>

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	Live-Cell Stimulated Raman Scattering Imaging of Alkyne-Tagged Biomolecules. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5827-5831.	13.8	169
2	Artificial Cysteine S-Glycosylation Induced by Per-O-Acetylated Unnatural Monosaccharides during Metabolic Glycan Labeling. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1817-1820.	13.8	148
3	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
4	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
5	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
6	Click-ExM enables expansion microscopy for all biomolecules. <i>Nature Methods</i> , 2021, 18, 107-113.	19.0	91
7	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
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	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
10	Selective Imaging of Gram-Negative and Gram-Positive Microbiotas in the Mouse Gut. <i>Biochemistry</i> , 2017, 56, 3889-3893.	2.5	65
11	Metabolic Labeling and Imaging of N-Linked Glycans in <i>Arabidopsis Thaliana</i> . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9301-9305.	13.8	60
12	Carbohydrate-based nanomaterials for biomedical applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1558.	6.1	58
13	Automated Assembly of Starch and Glycogen Polysaccharides. <i>Journal of the American Chemical Society</i> , 2021, 143, 9758-9768.	13.7	54
14	Alendronate functionalized mesoporous hydroxyapatite nanoparticles for drug delivery. <i>Materials Research Bulletin</i> , 2013, 48, 2201-2204.	5.2	42
15	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
16	Exploring the Molecular Conformation Space by Soft Molecule-Surface Collision. <i>Journal of the American Chemical Society</i> , 2020, 142, 21420-21427.	13.7	41
17	Systematic Hydrogen-Bond Manipulations To Establish Polysaccharide Structure-Property Correlations. <i>Angewandte Chemie</i> , 2019, 131, 13261-13266.	2.0	35
18	Artificial Cysteine S-Glycosylation Induced by Per-O-Acetylated Unnatural Monosaccharides during Metabolic Glycan Labeling. <i>Angewandte Chemie</i> , 2018, 130, 1835-1838.	2.0	27

#	ARTICLE	IF	CITATIONS
19	Identifying the origin of local flexibility in a carbohydrate polymer. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
20	Expanding the Scope of Metabolic Glycan Labeling in <i>Arabidopsis thaliana</i> . ChemBioChem, 2017, 18, 1286-1296.	2.6	24
21	Metabolic Labeling and Imaging of N-Linked Glycans in <i>Arabidopsis Thaliana</i> . Angewandte Chemie, 2016, 128, 9447-9451.	2.0	21
22	Legionella effector SetA as a general O-glycosyltransferase for eukaryotic proteins. Nature Chemical Biology, 2019, 15, 213-216.	8.0	21
23	Nitrilase-Activatable Noncanonical Amino Acid Precursors for Cell-Selective Metabolic Labeling of Proteomes. ACS Chemical Biology, 2016, 11, 3273-3277.	3.4	20
24	Automated access to well-defined ionic oligosaccharides. Organic and Biomolecular Chemistry, 2020, 18, 1349-1353.	2.8	14
25	9-Azido Analogues of Three Sialic Acid Forms for Metabolic Remodeling of Cell-Surface Sialoglycans. ACS Chemical Biology, 2019, 14, 2141-2147.	3.4	9
26	Targeted Chemical Modifications Identify Key Features of Carbohydrate Assemblies and Generate Tailored Carbohydrate Materials. Chemistry - A European Journal, 2021, 27, 13139-13143.	3.3	9
27	Progress in the Synthesis of Sialic Acid Derivatives. Chinese Journal of Organic Chemistry, 2014, 34, 461.	1.3	3
28	Artificial Cysteine Glycosylation Induced by Peracetylated Unnatural Monosaccharides during Metabolic Glycan Labeling (Angew. Chem. 7/2018). Angewandte Chemie, 2018, 130, 2024-2024.	2.0	0