

Zhen Wu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multi-Omics Analysis in β -Thalassemia Using an HBB Gene-Knockout Human Erythroid Progenitor Cell Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2807.	4.1	7
2	TOX4 facilitates promoter-proximal pausing and C-terminal domain dephosphorylation of RNA polymerase II in human cells. <i>Communications Biology</i> , 2022, 5, 300.	4.4	6
3	Aberrant Fucosylation of Saliva Glycoprotein Defining Lung Adenocarcinomas Malignancy. <i>ACS Omega</i> , 2022, 7, 17894-17906.	3.5	8
4	Mass Spectrometry-Based Analysis of Serum N-Glycosylation Changes in Patients with Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1719-1726.	3.5	18
5	Tyrosine-EDC Conjugation, an Undesirable Side Effect of the EDC-Catalyzed Carboxyl Labeling Approach. <i>Analytical Chemistry</i> , 2021, 93, 697-703.	6.5	5
6	Impact of Expressing Cells on Glycosylation and Glycan of the SARS-CoV-2 Spike Glycoprotein. <i>ACS Omega</i> , 2021, 6, 15988-15999.	3.5	32
7	Basic pH reversed-phase liquid chromatography (bRPLC) in combination with tip-based strong cation exchange (SCX-Tip), ReST, an efficient approach for large-scale cross-linked peptide analysis. <i>Analytica Chimica Acta</i> , 2021, 1179, 338838.	5.4	7
8	NAP1-Related Protein 1 (NRP1) has multiple interaction modes for chaperoning histones H2A-H2B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30391-30399.	7.1	13
9	Formaldehyde Derivatization: An Unexpected Side Reaction During Filter-Aided Sample Preparation. <i>Analytical Chemistry</i> , 2020, 92, 12120-12125.	6.5	7
10	Short-Term Mild Temperature-Stress-Induced Alterations in the <i>C. elegans</i> Phosphoproteome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6409.	4.1	13
11	Basic Strong Cation Exchange Chromatography, BaSCX, a Highly Efficient Approach for C-Terminomic Studies Using LysargiNase Digestion. <i>Analytical Chemistry</i> , 2020, 92, 4742-4748.	6.5	13
12	Endogenous Retrovirus-Derived Long Noncoding RNA Enhances Innate Immune Responses via Derepressing RELA Expression. <i>MBio</i> , 2019, 10, .	4.1	39
13	Ubiquitylome study identifies increased histone 2A ubiquitylation as an evolutionarily conserved aging biomarker. <i>Nature Communications</i> , 2019, 10, 2191.	12.8	27
14	Reversible Lysine Derivatization Enabling Improved Arg-C Digestion, a Highly Specific Arg-C Digestion Using Trypsin. <i>Analytical Chemistry</i> , 2018, 90, 1554-1559.	6.5	8
15	An Approach to Incorporate Multi-Enzyme Digestion into C ₁₈ -TAILS for C-Terminomics Studies. <i>Proteomics</i> , 2018, 18, 1700034.	2.2	21
16	Lys-C/Arg-C, a More Specific and Efficient Digestion Approach for Proteomics Studies. <i>Analytical Chemistry</i> , 2018, 90, 9700-9707.	6.5	28
17	Quantitative phosphoproteomics reveals GTBP-1 regulating <i>C.elegans</i> lifespan at different environmental temperatures. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1962-1967.	2.1	15