

Fangxu Sun

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

528
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Glycoproteomic Analysis by Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 267-291.	6.5	96
2	Mass Spectrometry-Based Chemical and Enzymatic Methods for Global Analysis of Protein Glycosylation. <i>Accounts of Chemical Research</i> , 2018, 51, 1796-1806.	15.6	77
3	Global and site-specific analysis of protein glycosylation in complex biological systems with Mass Spectrometry. <i>Mass Spectrometry Reviews</i> , 2019, 38, 356-379.	5.4	75
4	Enzymatic Tagging of Glycoproteins on the Cell Surface for Their Global and Site-Specific Analysis with Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 4195-4203.	6.5	26
5	A Chemoenzymatic Method Based on Easily Accessible Enzymes for Profiling Protein O-GlcNAcylation. <i>Analytical Chemistry</i> , 2020, 92, 9807-9814.	6.5	25
6	Transcriptional firing represses bactericidal activity in cystic fibrosis airway neutrophils. <i>Cell Reports Medicine</i> , 2021, 2, 100239.	6.5	25
7	Systematic Analysis of Fatty Acids in Human Cells with a Multiplexed Isobaric Tag (TMT)-Based Method. <i>Journal of Proteome Research</i> , 2018, 17, 1606-1614.	3.7	21
8	PHEA-g-PDMAEA well-defined graft copolymers: SET-LRP synthesis, self-catalyzed hydrolysis, and quaternization. <i>Polymer Chemistry</i> , 2016, 7, 6973-6979.	3.9	19
9	Surface Glycoproteomic Analysis Reveals That Both Unique and Differential Expression of Surface Glycoproteins Determine the Cell Type. <i>Analytical Chemistry</i> , 2019, 91, 6934-6942.	6.5	18
10	Comprehensive Analysis of Protein Glycation Reveals Its Potential Impacts on Protein Degradation and Gene Expression in Human Cells. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2480-2490.	2.8	17
11	Stabilization of Aliphatic Phosphines by Auxiliary Phosphine Sulfides Offers Zeptomolar Affinity and Unprecedented Selectivity for Probing Biological Cu I. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9711-9715.	13.8	16
12	Enhancing Comprehensive Analysis of Secreted Glycoproteins from Cultured Cells without Serum Starvation. <i>Analytical Chemistry</i> , 2021, 93, 2694-2705.	6.5	15
13	Carfilzomib Treatment Causes Molecular and Functional Alterations of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Journal of the American Heart Association</i> , 2021, 10, e022247.	3.7	15
14	Melphalan induces cardiotoxicity through oxidative stress in cardiomyocytes derived from human induced pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 470.	5.5	14
15	An Azo Coupling-Based Chemoproteomic Approach to Systematically Profile the Tyrosine Reactivity in the Human Proteome. <i>Analytical Chemistry</i> , 2021, 93, 10334-10342.	6.5	11
16	Unraveling the surface glycoprotein interaction network by integrating chemical crosslinking with MS-based proteomics. <i>Chemical Science</i> , 2021, 12, 2146-2155.	7.4	10
17	Systematic characterization of extracellular glycoproteins using mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2023, 42, 519-545.	5.4	10
18	Chronic Ethanol Exposure Induces Deleterious Changes in Cardiomyocytes Derived from Human Induced Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 2314-2331.	3.8	8

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19	A PHEA- <i>g</i> -PEO well-defined graft copolymer exhibiting the synchronous encapsulation of both hydrophobic pyrene and hydrophilic Rhodamine 6G. <i>Polymer Chemistry</i> , 2017, 8, 431-440.	3.9	7
20	Stabilization of Aliphatic Phosphines by Auxiliary Phosphine Sulfides Offers Zeptomolar Affinity and Unprecedented Selectivity for Probing Biological Cu I. <i>Angewandte Chemie</i> , 2018, 130, 9859-9863.	2.0	6
21	Systematic and site-specific analysis of N-glycoproteins on the cell surface by integrating bioorthogonal chemistry and MS-based proteomics. <i>Methods in Enzymology</i> , 2019, 626, 223-247.	1.0	6
22	Proteomic Profiling Reveals Roles of Stress Response, Ca ²⁺ Transient Dysregulation, and Novel Signaling Pathways in Alcohol-Induced Cardiotoxicity. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 2187-2199.	2.4	6
23	MS-based proteomics for comprehensive investigation of protein O-GlcNAcylation. <i>Molecular Omics</i> , 2021, 17, 186-196.	2.8	5