

Yixuan Xie

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

269
citations

1040056

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940533

16
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18
all docs

18
docs citations

18
times ranked

345
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive structural glycomic characterization of the glycocalyxes of cells and tissues. <i>Nature Protocols</i> , 2020, 15, 2668-2704.	12.0	45
2	Identification of potential sialic acid binding proteins on cell membranes by proximity chemical labeling. <i>Chemical Science</i> , 2019, 10, 6199-6209.	7.4	33
3	The N-glycome regulates the endothelial-to-hematopoietic transition. <i>Science</i> , 2020, 370, 1186-1191.	12.6	32
4	Characterization of Cell Glycocalyx with Mass Spectrometry Methods. <i>Cells</i> , 2019, 8, 882.	4.1	26
5	Determination of the glycoprotein specificity of lectins on cell membranes through oxidative proteomics. <i>Chemical Science</i> , 2020, 11, 9501-9512.	7.4	22
6	A site-specific map of the human plasma glycome and its age and gender-associated alterations. <i>Scientific Reports</i> , 2020, 10, 17505.	3.3	14
7	Glycan-protein cross-linking mass spectrometry reveals sialic acid-mediated protein networks on cell surfaces. <i>Chemical Science</i> , 2021, 12, 8767-8777.	7.4	14
8	Isolation of HDL by sequential flotation ultracentrifugation followed by size exclusion chromatography reveals size-based enrichment of HDL-associated proteins. <i>Scientific Reports</i> , 2021, 11, 16086.	3.3	13
9	Host Cell Glycocalyx Remodeling Reveals SARS-CoV-2 Spike Protein Glycomic Binding Sites. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 799703.	3.5	11
10	Diet affects glycosylation of serum proteins in women at risk for cardiometabolic disease. <i>European Journal of Nutrition</i> , 2021, 60, 3727-3741.	3.9	10
11	Mannose-based graft polyesters with tunable binding affinity to concanavalin A. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3908-3917.	2.3	9
12	N-Glycomic Analysis of the Cell Shows Specific Effects of Glycosyl Transferase Inhibitors. <i>Cells</i> , 2021, 10, 2318.	4.1	9
13	High-throughput mutagenesis reveals unique structural features of human ADAR1. <i>Nature Communications</i> , 2020, 11, 5130.	12.8	8
14	Data-Independent Acquisition for the Detection of Mononucleoside RNA Modifications by Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 885-893.	2.8	7
15	A proximity labeling method for protein-protein interactions on cell membrane. <i>Chemical Science</i> , 2022, 13, 6028-6038.	7.4	7
16	Permethylated Ribonucleosides Provides Enhanced Mass Spectrometry Quantification of Post-Transcriptional RNA Modifications. <i>Analytical Chemistry</i> , 2022, 94, 7246-7254.	6.5	6
17	Glycan biomarkers of autoimmunity and bile acid-associated alterations of the human glycome: Primary biliary cirrhosis and primary sclerosing cholangitis-specific glycans. <i>Clinical Immunology</i> , 2021, 230, 108825.	3.2	2