

# Chao Gao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8851279/publications.pdf>

Version: 2024-02-01

19  
papers

612  
citations

759233

12  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influenza binds phosphorylated glycans from human lung. <i>Science Advances</i> , 2019, 5, eaav2554.	10.3	64
2	Unique Binding Specificities of Proteins toward Isomeric Asparagine-Linked Glycans. <i>Cell Chemical Biology</i> , 2019, 26, 535-547.e4.	5.2	63
3	Glycan Microarrays as Chemical Tools for Identifying Glycan Recognition by Immune Proteins. <i>Frontiers in Chemistry</i> , 2019, 7, 833.	3.6	59
4	Carbohydrate Sequence of the Prostate Cancer-associated Antigen F77 Assigned by a Mucin O-Glycome Designer Array. <i>Journal of Biological Chemistry</i> , 2014, 289, 16462-16477.	3.4	51
5	The Human Lung Glycome Reveals Novel Glycan Ligands for Influenza A Virus. <i>Scientific Reports</i> , 2020, 10, 5320.	3.3	51
6	Determination of Carbohydrate Structure Recognized by Prostate-specific F77 Monoclonal Antibody through Expression Analysis of Glycosyltransferase Genes. <i>Journal of Biological Chemistry</i> , 2014, 289, 16478-16486.	3.4	35
7	Antigenic Pressure on H3N2 Influenza Virus Drift Strains Imposes Constraints on Binding to Sialylated Receptors but Not Phosphorylated Glycans. <i>Journal of Virology</i> , 2019, 93, .	3.4	34
8	O-Glycome Beam Search Arrays for Carbohydrate Ligand Discovery. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 121-133.	3.8	23
9	A library of chemically defined human N-glycans synthesized from microbial oligosaccharide precursors. <i>Scientific Reports</i> , 2017, 7, 15907.	3.3	22
10	Novel Reversible Fluorescent Glycan Linker for Functional Glycomics. <i>Bioconjugate Chemistry</i> , 2019, 30, 2897-2908.	3.6	18
11	Unique repertoire of anti-carbohydrate antibodies in individual human serum. <i>Scientific Reports</i> , 2020, 10, 15436.	3.3	18
12	Differential recognition of oligomannose isomers by glycan-binding proteins involved in innate and adaptive immunity. <i>Science Advances</i> , 2021, 7, .	10.3	18
13	Glycan Markers of Human Stem Cells Assigned with Beam Search Arrays*[S]. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1981-2002.	3.8	15
14	Binding of CLL Subset 4 B Cell Receptor Immunoglobulins to Viable Human Memory B Lymphocytes Requires a Distinctive IGKV Somatic Mutation. <i>Molecular Medicine</i> , 2017, 23, 1-12.	4.4	14
15	Tumor cells express pauci- and oligomannosidic N-glycans in glycoproteins recognized by the mannose receptor (CD206). <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 5569-5585.	5.4	13
16	Negative-Ion Electrospray Tandem Mass Spectrometry and Microarray Analyses of Developmentally Regulated Antigens Based on Type 1 and Type 2 Backbone Sequences. <i>Analytical Chemistry</i> , 2015, 87, 11871-11878.	6.5	12
17	Parallel Glyco-SPOT Synthesis of Glycopeptide Libraries. <i>Cell Chemical Biology</i> , 2020, 27, 1207-1219.e9.	5.2	9
18	Galectin-3 Decreases 4-1BBL Bioactivity by Crosslinking Soluble and Membrane Expressed 4-1BB. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	9

#	ARTICLE	IF	CITATIONS
19	Total syntheses of disulphated glycosphingolipid SB1a and the related monosulphated SM1a. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11105-11117.	2.8	5