

# Sakshi Gautam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11480171/publications.pdf>

Version: 2024-02-01

12  
papers

211  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in mass spectrometry-based glycomics. Electrophoresis, 2018, 39, 3063-3081.	2.4	72
2	MS-based glycomics and glycoproteomics methods enabling isomeric characterization. Mass Spectrometry Reviews, 2023, 42, 577-616.	5.4	40
3	Glucose unit index (GUI) of permethylated glycans for effective identification of glycans and glycan isomers. Analyst, The, 2020, 145, 6656-6667.	3.5	21
4	Mesoporous Graphitized Carbon Column for Efficient Isomeric Separation of Permethylated Glycans. Analytical Chemistry, 2021, 93, 5061-5070.	6.5	20
5	Exploring serum glycome patterns after moderate to severe traumatic brain injury: A prospective pilot study. EClinicalMedicine, 2022, 50, 101494.	7.1	18
6	Direct Comparison of N-Glycans and Their Isomers Derived from Spike Glycoprotein 1 of MERS-CoV, SARS-CoV-1, and SARS-CoV-2. Journal of Proteome Research, 2021, 20, 4357-4365.	3.7	17
7	Using micro pillar array columns (µPAC) for the analysis of permethylated glycans. Analyst, The, 2021, 146, 4374-4383.	3.5	15
8	LC-MS/MS in glycomics and glycoproteomics analyses. , 2021, , 391-441.		3
9	Object classification in analytical chemistry via data-driven discovery of partial differential equations. Computational and Mathematical Methods, 2021, 3, e1164.	0.8	2
10	Determination of Isomeric Glycan Structures by Permethylation and Liquid Chromatography-Mass Spectrometry (LC-MS). Methods in Molecular Biology, 2021, 2271, 281-301.	0.9	1
11	GlycanGUI: Automated Glycan Annotation and Quantification Using Glucose Unit Index. Frontiers in Chemistry, 2021, 9, 707382.	3.6	1
12	A Reciprocal Best-hit Approach to Characterize Isomeric N-Glycans Using Tandem Mass Spectrometry. Analytical Chemistry, 2022, 94, 10003-10010.	6.5	1