

Byeong Gwan Cho

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

401
citations

933447

10
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	MS-based glycomics and glycoproteomics methods enabling isomeric characterization. Mass Spectrometry Reviews, 2023, 42, 577-616.	5.4	40
2	Heat Stress of Algal Partner Hinders Colonization Success and Alters the Algal Cell Surface Glycome in a Cnidarian-Algal Symbiosis. Microbiology Spectrum, 2022, 10, .	3.0	4
3	Exploring serum glycome patterns after moderate to severe traumatic brain injury: A prospective pilot study. EClinicalMedicine, 2022, 50, 101494.	7.1	18
4	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
5	Using micro pillar array columns (µPAC) for the analysis of permethylated glycans. Analyst, The, 2021, 146, 4374-4383.	3.5	15
6	Mesoporous Graphitized Carbon Column for Efficient Isomeric Separation of Permethylated Glycans. Analytical Chemistry, 2021, 93, 5061-5070.	6.5	20
7	N-Glycomics of Cerebrospinal Fluid: Method Comparison. Molecules, 2021, 26, 1712.	3.8	6
8	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
9	LC-MS/MS in glycomics and glycoproteomics analyses. , 2021, , 391-441.		3
10	Glucose unit index (GUI) of permethylated glycans for effective identification of glycans and glycan isomers. Analyst, The, 2020, 145, 6656-6667.	3.5	21
11	Separation of Permethylated O-Glycans, Free Oligosaccharides, and Glycosphingolipid-Glycans Using Porous Graphitized Carbon (PGC) Column. Metabolites, 2020, 10, 433.	2.9	16
12	N-Glycan Profile of Cerebrospinal Fluids from Alzheimer's Disease Patients Using Liquid Chromatography with Mass Spectrometry. Journal of Proteome Research, 2019, 18, 3770-3779.	3.7	45
13	Advances in mass spectrometry-based glycomics. Electrophoresis, 2018, 39, 3063-3081.	2.4	72
14	Characterization of isomeric glycan structures by LC-MS/MS. Electrophoresis, 2017, 38, 2100-2114.	2.4	123