

Muchena J Kailemia

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,029
citations

759233

12
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1649
citing authors

#	ARTICLE	IF	CITATIONS
1	Oligosaccharide Analysis by Mass Spectrometry: A Review of Recent Developments. <i>Analytical Chemistry</i> , 2014, 86, 196-212.	6.5	311
2	Glycans and glycoproteins as specific biomarkers for cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 395-410.	3.7	275
3	Strategy for Structural Elucidation of Polysaccharides: Elucidation of a Maize Mucilage that Harbors Diazotrophic Bacteria. <i>Analytical Chemistry</i> , 2019, 91, 7254-7265.	6.5	67
4	High-Field Asymmetric-Waveform Ion Mobility Spectrometry and Electron Detachment Dissociation of Isobaric Mixtures of Glycosaminoglycans. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 258-268.	2.8	64
5	Recent Advances in the Mass Spectrometry Methods for Glycomics and Cancer. <i>Analytical Chemistry</i> , 2018, 90, 208-224.	6.5	64
6	Quantitation of human milk proteins and their glycoforms using multiple reaction monitoring (MRM). <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 589-606.	3.7	41
7	Site-Specific Glycosylation Quantitation of 50 Serum Glycoproteins Enhanced by Predictive Glycopeptidomics for Improved Disease Biomarker Discovery. <i>Analytical Chemistry</i> , 2019, 91, 5433-5445.	6.5	41
8	Structurally Informative Tandem Mass Spectrometry of Highly Sulfated Natural and Chemoenzymatically Synthesized Heparin and Heparan Sulfate Glycosaminoglycans. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 979-990.	3.8	39
9	HDL Glycoprotein Composition and Site-Specific Glycosylation Differentiates Between Clinical Groups and Affects IL-6 Secretion in Lipopolysaccharide-Stimulated Monocytes. <i>Scientific Reports</i> , 2017, 7, 43728.	3.3	28
10	Targeted Measurements of O- and N-Glycopeptides Show That Proteins in High Density Lipoprotein Particles Are Enriched with Specific Glycosylation Compared to Plasma. <i>Journal of Proteome Research</i> , 2018, 17, 834-845.	3.7	24
11	Differentiating Chondroitin Sulfate Glycosaminoglycans Using Collision-Induced Dissociation; Uronic Acid Cross-Ring Diagnostic Fragments in a Single Stage of Tandem Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 275-285.	1.0	17
12	Purification, characterization, and N-glycosylation of recombinant butyrylcholinesterase from transgenic rice cell suspension cultures. <i>Biotechnology and Bioengineering</i> , 2018, 115, 1301-1310.	3.3	16
13	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
14	Expression, Purification, and Biophysical Characterization of a Secreted Anthrax Decoy Fusion Protein in <i>Nicotiana benthamiana</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 89.	4.1	9
15	Glycoform Modification of Secreted Recombinant Glycoproteins through Kifunensine Addition during Transient Vacuum Agroinfiltration. <i>International Journal of Molecular Sciences</i> , 2018, 19, 890.	4.1	9
16	Glycomic analysis of antibody indicates distinctive glycosylation profile in patients with autoimmune cholangitis. <i>Journal of Autoimmunity</i> , 2020, 113, 102503.	6.5	5
17	N-glycosylation profiling of serum immunoglobulin in opisthorchiasis patients. <i>Journal of Proteomics</i> , 2021, 230, 103980.	2.4	3
18	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

#	ARTICLE	IF	CITATIONS
19	The psoriasis glycome: differential expression of cholesterol particle glycans and IgA glycans linked to disease severity. Journal of Investigative Dermatology, 2022, , .	0.7	0