

Shadi Toghi Eshghi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

933
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1213
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive analysis of protein glycosylation by solid-phase extraction of N-linked glycans and glycosite-containing peptides. <i>Nature Biotechnology</i> , 2016, 34, 84-88.	17.5	213
2	GPQuest: A Spectral Library Matching Algorithm for Site-Specific Assignment of Tandem Mass Spectra to Intact N-glycopeptides. <i>Analytical Chemistry</i> , 2015, 87, 5181-5188.	6.5	163
3	Integrated Proteomic and Glycoproteomic Analyses of Prostate Cancer Cells Reveal Glycoprotein Alteration in Protein Abundance and Glycosylation*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2753-2763.	3.8	113
4	Comparison of Enrichment Methods for Intact N- and O-Linked Glycopeptides Using Strong Anion Exchange and Hydrophilic Interaction Liquid Chromatography. <i>Analytical Chemistry</i> , 2017, 89, 11193-11197.	6.5	93
5	Imaging of N-Linked Glycans from Formalin-Fixed Paraffin-Embedded Tissue Sections Using MALDI Mass Spectrometry. <i>ACS Chemical Biology</i> , 2014, 9, 2149-2156.	3.4	70
6	Quantitative Comparison of Conventional and t-SNE-guided Gating Analyses. <i>Frontiers in Immunology</i> , 2019, 10, 1194.	4.8	56
7	Glycoform Analysis of Recombinant and Human Immunodeficiency Virus Envelope Protein gp120 via Higher Energy Collisional Dissociation and Spectral-Aligning Strategy. <i>Analytical Chemistry</i> , 2014, 86, 6959-6967.	6.5	52
8	Classification of Tandem Mass Spectra for Identification of N- and O-linked Glycopeptides. <i>Scientific Reports</i> , 2016, 6, 37189.	3.3	45
9	Site-Specific Profiling of Serum Glycoproteins Using N-Linked Glycan and Glycosite Analysis Revealing Atypical N-Glycosylation Sites on Albumin and Î±1B-Glycoprotein. <i>Analytical Chemistry</i> , 2018, 90, 6292-6299.	6.5	44
10	Glycomic Analysis by Glycoprotein Immobilization for Glycan Extraction and Liquid Chromatography on Microfluidic Chip. <i>Analytical Chemistry</i> , 2013, 85, 10117-10125.	6.5	31
11	Chemoenzymatic method for glycomics: Isolation, identification, and quantitation. <i>Proteomics</i> , 2016, 16, 241-256.	2.2	20
12	Quality assessment and interference detection in targeted mass spectrometry data using machine learning. <i>Clinical Proteomics</i> , 2018, 15, 33.	2.1	16
13	Targeted Analyte Detection by Standard Addition Improves Detection Limits in Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 7626-7632.	6.5	12
14	Epithelium percentage estimation facilitates epithelial quantitative protein measurement in tissue specimens. <i>Clinical Proteomics</i> , 2013, 10, 18.	2.1	5