

# Jusal Quanico

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

693  
citations

516710

16  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

967  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of liquid microjunction extraction strategy for improving protein identification from tissue sections. <i>Journal of Proteomics</i> , 2013, 79, 200-218.	2.4	82
2	Real-Time Molecular Diagnosis of Tumors Using Water-Assisted Laser Desorption/Ionization Mass Spectrometry Technology. <i>Cancer Cell</i> , 2018, 34, 840-851.e4.	16.8	71
3	Lipid Changes Associated with Traumatic Brain Injury Revealed by 3D MALDI-MSI. <i>Analytical Chemistry</i> , 2018, 90, 10568-10576.	6.5	50
4	Localized Intrathecal Delivery of Mesenchymal Stromal Cells Conditioned Medium Improves Functional Recovery in a Rat Model of Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2018, 19, 870.	4.1	47
5	Spatially-Resolved protein surface microsampling from tissue sections using liquid extraction surface analysis. <i>Proteomics</i> , 2016, 16, 1622-1632.	2.2	46
6	Combined Mass Spectrometry Imaging and Top-down Microproteomics Reveals Evidence of a Hidden Proteome in Ovarian Cancer. <i>EBioMedicine</i> , 2017, 21, 55-64.	6.1	45
7	Proteomic Analysis of the Spatio-temporal Based Molecular Kinetics of Acute Spinal Cord Injury Identifies a Time- and Segment-specific Window for Effective Tissue Repair. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2641-2670.	3.8	42
8	Spatially-Resolved Top-down Proteomics Bridged to MALDI MS Imaging Reveals the Molecular Physiome of Brain Regions. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 357-372.	3.8	36
9	Human temporal lobe epilepsy analyses by tissue proteomics. <i>Hippocampus</i> , 2014, 24, 628-642.	1.9	35
10	Quantification-Based Mass Spectrometry Imaging of Proteins by Parafilm Assisted Microdissection. <i>Analytical Chemistry</i> , 2013, 85, 8127-8134.	6.5	33
11	Matrix-Assisted Laser Desorption/Ionization-Mass Spectrometry Imaging of Lipids in Experimental Model of Traumatic Brain Injury Detecting Acylcarnitines as Injury Related Markers. <i>Analytical Chemistry</i> , 2019, 91, 11879-11887.	6.5	28
12	NanoLC-MS coupling of liquid microjunction microextraction for on-tissue proteomic analysis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 891-900.	2.3	25
13	Mapping Spatiotemporal Microproteomics Landscape in Experimental Model of Traumatic Brain Injury Unveils a link to Parkinson's Disease*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1669-1682.	3.8	23
14	Droplet-Based Liquid Extraction for Spatially-Resolved Microproteomics Analysis of Tissue Sections. <i>Methods in Molecular Biology</i> , 2017, 1618, 49-63.	0.9	21
15	3D MALDI mass spectrometry imaging reveals specific localization of long-chain acylcarnitines within a 10-day time window of spinal cord injury. <i>Scientific Reports</i> , 2018, 8, 16083.	3.3	21
16	Progress and Potential of Imaging Mass Spectrometry Applied to Biomarker Discovery. <i>Methods in Molecular Biology</i> , 2017, 1598, 21-43.	0.9	19
17	Integrated mass spectrometry imaging and omics workflows on the same tissue section using grid-aided, parafilm-assisted microdissection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1702-1714.	2.4	19
18	Proteomic and transcriptomic investigation of acne vulgaris microcystic and papular lesions: Insights in the understanding of its pathophysiology. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 652-663.	2.4	13

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19	On-tissue spatially resolved glycoproteomics guided by N-glycan imaging reveal global dysregulation of canine glioma glycoproteomic landscape. <i>Cell Chemical Biology</i> , 2022, 29, 30-42.e4.	5.2	11
20	Remote Atmospheric Pressure Infrared Matrix-Assisted Laser Desorption-Ionization Mass Spectrometry (Remote IR-MALDI MS) of Proteins. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1637-1649.	3.8	10
21	Combined MALDI Mass Spectrometry Imaging and Parafilm-Assisted Microdissection-Based LC-MS/MS Workflows in the Study of the Brain. <i>Methods in Molecular Biology</i> , 2017, 1598, 269-283.	0.9	9
22	Understanding Molecular Pathology along Injured Spinal Cord Axis: Moving Frontiers toward Effective Neuroprotection and Regeneration. , 0, , .		3
23	On-tissue Direct Monitoring of Global Hydrogen/Deuterium Exchange by MALDI Mass Spectrometry: Tissue Deuterium Exchange Mass Spectrometry (TDXMS). <i>Molecular and Cellular Proteomics</i> , 2016, 15, 3321-3330.	3.8	2