

# Lingjun Li

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7207879/lingjun-li-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

220  
papers

6,306  
citations

43  
h-index

67  
g-index

231  
ext. papers

7,549  
ext. citations

5.6  
avg, IF

6.37  
L-index

#	Paper	IF	Citations
220	Mass Spectrometry Imaging: A Review of Emerging Advancements and Future Insights. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 240-265	7.8	324
219	N,N-dimethyl leucines as novel isobaric tandem mass tags for quantitative proteomics and peptidomics. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 2817-25	7.8	133
218	PKM2 methylation by CARM1 activates aerobic glycolysis to promote tumorigenesis. <i>Nature Cell Biology</i> , <b>2017</b> , 19, 1358-1370	23.4	129
217	Electron-Transfer/Higher-Energy Collision Dissociation (ETHcD)-Enabled Intact Glycopeptide/Glycoproteome Characterization. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2017</b> , 28, 1751-1764	3.5	125
216	Peptides in the brain: mass spectrometry-based measurement approaches and challenges. <i>Annual Review of Analytical Chemistry</i> , <b>2008</b> , 1, 451-83	12.5	125
215	Mass spectrometric investigation of the neuropeptide complement and release in the pericardial organs of the crab, <i>Cancer borealis</i> . <i>Journal of Neurochemistry</i> , <b>2003</b> , 87, 642-56	6	122
214	Extracellular matrix scaffold and hydrogel derived from decellularized and delipidized human pancreas. <i>Scientific Reports</i> , <b>2018</b> , 8, 10452	4.9	119
213	Characterization of the <i>Carcinus maenas</i> neuropeptidome by mass spectrometry and functional genomics. <i>General and Comparative Endocrinology</i> , <b>2009</b> , 161, 320-34	3	109
212	Three dimensional mapping of neuropeptides and lipids in crustacean brain by mass spectral imaging. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2009</b> , 20, 1068-77	3.5	109
211	Imaging mass spectrometry of neuropeptides in decapod crustacean neuronal tissues. <i>Journal of Proteome Research</i> , <b>2007</b> , 6, 1782-91	5.6	104
210	Optimization and comparison of multiple MALDI matrix application methods for small molecule mass spectrometric imaging. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 10030-5	7.8	102
209	Mass spectral characterization of peptide transmitters/hormones in the nervous system and neuroendocrine organs of the American lobster <i>Homarus americanus</i> . <i>General and Comparative Endocrinology</i> , <b>2008</b> , 156, 395-409	3	100
208	Identification of putative crustacean neuropeptides using in silico analyses of publicly accessible expressed sequence tags. <i>General and Comparative Endocrinology</i> , <b>2008</b> , 156, 246-64	3	100
207	MALDI mass spectrometry-assisted molecular imaging of metabolites during nitrogen fixation in the <i>Medicago truncatula</i> - <i>Sinorhizobium meliloti</i> symbiosis. <i>Plant Journal</i> , <b>2013</b> , 75, 130-145	6.9	99
206	High-resolution enabled 12-plex DiLeu isobaric tags for quantitative proteomics. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 1646-54	7.8	98
205	De novo sequencing of neuropeptides using reductive isotopic methylation and investigation of ESI QTOF MS/MS fragmentation pattern of neuropeptides with N-terminal dimethylation. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 7783-95	7.8	94
204	In situ sequencing of peptides from biological tissues and single cells using MALDI-PSD/CID analysis. <i>Analytical Chemistry</i> , <b>1999</b> , 71, 5451-8	7.8	91

203	Orcokinin peptides in developing and adult crustacean stomatogastric nervous systems and pericardial organs. <i>Journal of Comparative Neurology</i> , <b>2002</b> , 444, 227-44	3.4	90
202	In situ tissue analysis of neuropeptides by MALDI FTMS in-cell accumulation. <i>Analytical Chemistry</i> , <b>2004</b> , 76, 5630-40	7.8	85
201	Biomarker discovery in mass spectrometry-based urinary proteomics. <i>Proteomics - Clinical Applications</i> , <b>2016</b> , 10, 358-70	3.1	85
200	Qualitative and quantitative mass spectrometry imaging of drugs and metabolites. <i>Advanced Drug Delivery Reviews</i> , <b>2013</b> , 65, 1074-85	18.5	78
199	Rat neuropeptidomics by LC-MS/MS and MALDI-FTMS: Enhanced dissection and extraction techniques coupled with 2D RP-RP HPLC. <i>Journal of Proteome Research</i> , <b>2006</b> , 5, 3368-75	5.6	76
198	Site-specific characterization of (D)-amino acid containing peptide epimers by ion mobility spectrometry. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 2972-81	7.8	72
197	Coculture of Marine Invertebrate-Associated Bacteria and Interdisciplinary Technologies Enable Biosynthesis and Discovery of a New Antibiotic, Keyicin. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 3093-3102	4.9	71
196	Identification of Double Bond Position Isomers in Unsaturated Lipids by m-CPBA Epoxidation and Mass Spectrometry Fragmentation. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 1791-1795	7.8	70
195	Identification of neuropeptides from the decapod crustacean sinus glands using nanoscale liquid chromatography tandem mass spectrometry. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 337, 765-78	3.4	67
194	Capillary Electrophoresis-Electrospray Ionization-Mass Spectrometry for Quantitative Analysis of Glycans Labeled with Multiplex Carbonyl-Reactive Tandem Mass Tags. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 6527-34	7.8	66
193	Expanding the Crustacean neuropeptidome using a multifaceted mass spectrometric approach. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 2426-37	5.6	66
192	Fast and Effective Ion Mobility-Mass Spectrometry Separation of d-Amino-Acid-Containing Peptides. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 11787-11794	7.8	59
191	Modulation of rhythmic motor activity by pyrokinin peptides. <i>Journal of Neurophysiology</i> , <b>2007</b> , 97, 579-592	3.2	58
190	Recent advances in coupling capillary electrophoresis-based separation techniques to ESI and MALDI-MS. <i>Electrophoresis</i> , <b>2014</b> , 35, 1214-25	3.6	56
189	Mass spectral analysis of neuropeptide expression and distribution in the nervous system of the lobster <i>Homarus americanus</i> . <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 818-32	5.6	56
188	Mass spectrometric characterization and physiological actions of novel crustacean C-type allatostatins. <i>Peptides</i> , <b>2009</b> , 30, 1660-8	3.8	55
187	Midgut epithelial endocrine cells are a rich source of the neuropeptides APSGFLGMRamide (Cancer borealis tachykinin-related peptide Ia) and GYRKPPFNLSIFamide (Gly1-SIFamide) in the crabs <i>Cancer borealis</i> , <i>Cancer magister</i> and <i>Cancer productus</i> . <i>Journal of Experimental Biology</i> , <b>2007</b> , 210, 699-714	3	54
186	Recent advances in ion mobility-mass spectrometry for improved structural characterization of glycans and glycoconjugates. <i>Current Opinion in Chemical Biology</i> , <b>2018</b> , 42, 1-8	9.7	52

185	Advances in Mass Spectrometric Tools for Probing Neuropeptides. <i>Annual Review of Analytical Chemistry</i> , <b>2015</b> , 8, 485-509	12.5	50
184	Mass spectrometric characterization and physiological actions of VPNDWAHFRGSWamide, a novel B type allatostatin in the crab, <i>Cancer borealis</i> . <i>Journal of Neurochemistry</i> , <b>2007</b> , 101, 1099-107	6	50
183	Mass spectrometric map of neuropeptide expression in <i>Ascaris suum</i> . <i>Journal of Comparative Neurology</i> , <b>2005</b> , 488, 396-413	3.4	50
182	Formation of N-pyroglutamyl peptides from N-Glu and N-Gln precursors in <i>Aplysia</i> neurons. <i>Journal of Neurochemistry</i> , <b>1999</b> , 72, 676-81	6	50
181	Identification and cardiotropic actions of sulfakinin peptides in the American lobster <i>Homarus americanus</i> . <i>Journal of Experimental Biology</i> , <b>2007</b> , 210, 2278-89	3	49
180	Site-specific characterization and quantitation of N-glycopeptides in PKM2 knockout breast cancer cells using DiLeu isobaric tags enabled by electron-transfer/higher-energy collision dissociation (EThcD). <i>Analyst, The</i> , <b>2018</b> , 143, 2508-2519	5	47
179	Measurement of neuropeptides in crustacean hemolymph via MALDI mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2009</b> , 20, 708-18	3.5	44
178	Relative quantification of amine-containing metabolites using isobaric N,N-dimethyl leucine (DiLeu) reagents via LC-ESI-MS/MS and CE-ESI-MS/MS. <i>Analyst, The</i> , <b>2015</b> , 140, 467-75	5	43
177	Combining microdialysis, NanoLC-MS, and MALDI-TOF/TOF to detect neuropeptides secreted in the crab, <i>Cancer borealis</i> . <i>Analytical Chemistry</i> , <b>2008</b> , 80, 6949-58	7.8	42
176	Mapping of neuropeptides in the crustacean stomatogastric nervous system by imaging mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2013</b> , 24, 134-47	3.5	41
175	Mass spectrometric elucidation of the neuropeptidome of a crustacean neuroendocrine organ. <i>Peptides</i> , <b>2012</b> , 36, 230-9	3.8	41
174	Comparative Neuropeptidomic Analysis of Food Intake via a Multi-faceted Mass Spectrometric Approach. <i>ACS Chemical Neuroscience</i> , <b>2010</b> , 1, 204-214	5.7	41
173	Identification and characterization of a tachykinin-containing neuroendocrine organ in the commissural ganglion of the crab <i>Cancer productus</i> . <i>Journal of Experimental Biology</i> , <b>2005</b> , 208, 3303-19 <sup>3</sup>		41
172	Mass Defect-Based N,N-Dimethyl Leucine Labels for Quantitative Proteomics and Amine Metabolomics of Pancreatic Cancer Cells. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 1138-1146	7.8	39
171	Recent advances in mass spectrometry (MS)-based glycoproteomics in complex biological samples. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 118, 880-892	14.6	38
170	Peroxymonosulfate Oxidizes Amino Acids in Water without Activation. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 10845-10854	10.3	37
169	Mass spectral comparison of the neuropeptide complement of the stomatogastric ganglion and brain in the adult and embryonic lobster, <i>Homarus americanus</i> . <i>Journal of Neurochemistry</i> , <b>2008</b> , 105, 690-702	6	37
168	Peroxymonosulfate Rapidly Inactivates the Disease-Associated Prion Protein. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 7095-105	10.3	36

167	Large-scale collision cross-section profiling on a traveling wave ion mobility mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2014</b> , 25, 2009-19	3.5	36
166	Combining capillary electrophoresis matrix-assisted laser desorption/ionization mass spectrometry and stable isotopic labeling techniques for comparative crustacean peptidomics. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 4463-70	4.5	36
165	Characterization of the <i>Aplysia californica</i> cerebral ganglion F cluster. <i>Journal of Neurophysiology</i> , <b>1999</b> , 81, 1251-60	3.2	36
164	Differential Quantitative Determination of Site-Specific Intact N-Glycopeptides in Serum Haptoglobin between Hepatocellular Carcinoma and Cirrhosis Using LC-ETHcD-MS/MS. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 359-371	5.6	35
163	Top-down proteomics with mass spectrometry imaging: a pilot study towards discovery of biomarkers for neurodevelopmental disorders. <i>PLoS ONE</i> , <b>2014</b> , 9, e92831	3.7	33
162	Characterization of intact sialylated glycopeptides and phosphorylated glycopeptides from IMAC enriched samples by ETHcD fragmentation: Toward combining phosphoproteomics and glycoproteomics. <i>International Journal of Mass Spectrometry</i> , <b>2018</b> , 427, 35-42	1.9	32
161	A multi-scale strategy for discovery of novel endogenous neuropeptides in the crustacean nervous system. <i>Journal of Proteomics</i> , <b>2013</b> , 91, 1-12	3.9	32
160	Mass spectrometric detection of neuropeptides using affinity-enhanced microdialysis with antibody-coated magnetic nanoparticles. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 915-22	7.8	32
159	Improved isobaric tandem mass tag quantification by ion mobility mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2014</b> , 28, 1051-1060	2.2	31
158	Quantitative neuropeptidomics study of the effects of temperature change in the crab <i>Cancer borealis</i> . <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 5767-76	5.6	31
157	Distribution and physiological effects of B-type allatostatins (myoinhibitory peptides, MIPs) in the stomatogastric nervous system of the crab <i>Cancer borealis</i> . <i>Journal of Comparative Neurology</i> , <b>2011</b> , 519, 2658-76	3.4	31
156	Expression and distribution of neuropeptides in the nervous system of the crab <i>Carcinus maenas</i> and their roles in environmental stress. <i>Proteomics</i> , <b>2015</b> , 15, 3969-79	4.8	30
155	Novel isotopic N,N-dimethyl leucine (iDiLeu) reagents enable absolute quantification of peptides and proteins using a standard curve approach. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2015</b> , 26, 107-19	3.5	29
154	Targeted Mass Spectrometry Approach Enabled Discovery of O-Glycosylated Insulin and Related Signaling Peptides in Mouse and Human Pancreatic Islets. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 9184-9191	7.8	29
153	Challenges and recent advances in mass spectrometric imaging of neurotransmitters. <i>Bioanalysis</i> , <b>2014</b> , 6, 525-40	2.1	29
152	Combining bottom-up and top-down mass spectrometric strategies for de novo sequencing of the crustacean hyperglycemic hormone from <i>Cancer borealis</i> . <i>Analytical Chemistry</i> , <b>2009</b> , 81, 240-7	7.8	29
151	Recent Advances in Analytical Approaches for Glycan and Glycopeptide Quantitation. <i>Molecular and Cellular Proteomics</i> , <b>2021</b> , 20, 100054	7.6	29
150	High-definition de novo sequencing of crustacean hyperglycemic hormone (CHH)-family neuropeptides. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, 1951-64	7.6	28

149	Mass spectrometric characterization of the neuropeptidome of the ghost crab <i>Ocypode ceratophthalma</i> (Brachyura, Ocypodidae). <i>General and Comparative Endocrinology</i> , <b>2013</b> , 184, 22-34	3	27
148	In-Depth Characterization and Validation of Human Urine Metabolomes Reveal Novel Metabolic Signatures of Lower Urinary Tract Symptoms. <i>Scientific Reports</i> , <b>2016</b> , 6, 30869	4.9	26
147	Increased N,N-Dimethyl Leucine Isobaric Tag Multiplexing by a Combined Precursor Isotopic Labeling and Isobaric Tagging Approach. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 10664-10669	7.8	26
146	In Situ characterization of proteins using laserspray ionization on a high-performance MALDI-LTQ-Orbitrap mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2014</b> , 25, 2177-80	3.5	26
145	Visualizing neurotransmitters and metabolites in the central nervous system by high resolution and high accuracy mass spectrometric imaging. <i>ACS Chemical Neuroscience</i> , <b>2013</b> , 4, 1049-56	5.7	26
144	Comparative Evaluation of MS-based Metabolomics Software and Its Application to Preclinical Alzheimer's Disease. <i>Scientific Reports</i> , <b>2018</b> , 8, 9291	4.9	25
143	Discovery and characterization of the Crustacean hyperglycemic hormone precursor related peptides (CPRP) and orcokinin neuropeptides in the sinus glands of the blue crab <i>Callinectes sapidus</i> using multiple tandem mass spectrometry techniques. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 4219-29	5.6	25
142	Custom 4-Plex DiLeu Isobaric Labels Enable Relative Quantification of Urinary Proteins in Men with Lower Urinary Tract Symptoms (LUTS). <i>PLoS ONE</i> , <b>2015</b> , 10, e0135415	3.7	25
141	Development and characterization of novel 8-plex DiLeu isobaric labels for quantitative proteomics and peptidomics. <i>Rapid Communications in Mass Spectrometry</i> , <b>2015</b> , 29, 1115-24	2.2	24
140	Label-free quantitative comparison of cerebrospinal fluid glycoproteins and endogenous peptides in subjects with Alzheimer's disease, mild cognitive impairment, and healthy individuals. <i>Proteomics - Clinical Applications</i> , <b>2016</b> , 10, 1225-1241	3.1	23
139	High Throughput In Situ DDA Analysis of Neuropeptides by Coupling Novel Multiplex Mass Spectrometric Imaging (MSI) with Gas-Phase Fractionation. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2015</b> , 26, 1992-2001	3.5	23
138	Advancing matrix-assisted laser desorption/ionization-mass spectrometric imaging for capillary electrophoresis analysis of peptides. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 3462-9	7.8	23
137	Targeted MultiNotch MS Approach for Relative Quantification of N-Glycans Using Multiplexed Carbonyl-Reactive Isobaric Tags. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 1129-1135	7.8	23
136	Visualization and Identification of Neurotransmitters in Crustacean Brain via Multifaceted Mass Spectrometric Approaches. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 1222-1229	5.7	22
135	Neuropeptides in gut-brain axis and their influence on host immunity and stress. <i>Computational and Structural Biotechnology Journal</i> , <b>2020</b> , 18, 843-851	6.8	22
134	Probing neuropeptide signaling at the organ and cellular domains via imaging mass spectrometry. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 5014-5026	3.9	22
133	Discovery and functional study of a novel crustacean tachykinin neuropeptide. <i>ACS Chemical Neuroscience</i> , <b>2011</b> , 2, 711-722	5.7	22
132	Isobaric Multiplex Labeling Reagents for Carbonyl-Containing Compound (SUGAR) Tags: A Probe for Quantitative Glycomic Analysis. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3141-3146	7.8	22



131	Defining the Neuropeptidome of the Spiny Lobster <i>Panulirus interruptus</i> Brain Using a Multidimensional Mass Spectrometry-Based Platform. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 4776-91	5.6	21
130	Glycopeptide Biomarkers in Serum Haptoglobin for Hepatocellular Carcinoma Detection in Patients with Nonalcoholic Steatohepatitis. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 3452-3466	5.6	21
129	New techniques, applications and perspectives in neuropeptide research. <i>Journal of Experimental Biology</i> , <b>2018</b> , 221,	3	21
128	Comparison of Vacuum MALDI and AP-MALDI Platforms for the Mass Spectrometry Imaging of Metabolites Involved in Salt Stress in. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 1238	6.2	21
127	METASPACE: A community-populated knowledge base of spatial metabolomes in health and disease		21
126	Examination of Endogenous Peptides in <i>Medicago truncatula</i> Using Mass Spectrometry Imaging. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 4403-4411	5.6	21
125	Gut Microbial and Metabolic Responses to <i>Salmonella enterica</i> Serovar Typhimurium and <i>Candida albicans</i> . <i>MBio</i> , <b>2018</b> , 9,	7.8	21
124	Improving data quality and preserving HCD-generated reporter ions with ETHcD for isobaric tag-based quantitative proteomics and proteome-wide PTM studies. <i>Analytica Chimica Acta</i> , <b>2017</b> , 968, 40-49	6.6	20
123	Mass spectrometric analysis of spatio-temporal dynamics of crustacean neuropeptides. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2015</b> , 1854, 798-811	4	20
122	21-plex DiLeu Isobaric Tags for High-Throughput Quantitative Proteomics. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 8228-8234	7.8	20
121	Mass spectrometric evaluation of neuropeptidomic profiles upon heat stabilization treatment of neuroendocrine tissues in crustaceans. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 743-52	5.6	20
120	In Depth Quantification of Extracellular Matrix Proteins from Human Pancreas. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 3156-3165	5.6	19
119	Increased expression of AT-1/SLC33A1 causes an autistic-like phenotype in mice by affecting dendritic branching and spine formation. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 1267-84	16.6	19
118	Dual-Functional Titanium(IV) Immobilized Metal Affinity Chromatography Approach for Enabling Large-Scale Profiling of Protein Mannose-6-Phosphate Glycosylation and Revealing Its Predominant Substrates. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 11589-11597	7.8	19
117	Quantitative Mass Spectrometry Reveals Food Intake-Induced Neuropeptide Level Changes in Rat Brain: Functional Assessment of Selected Neuropeptides as Feeding Regulators. <i>Molecular and Cellular Proteomics</i> , <b>2017</b> , 16, 1922-1937	7.6	19
116	Pressure-assisted capillary electrophoresis coupling with matrix-assisted laser desorption/ionization-mass spectrometric imaging for quantitative analysis of complex peptide mixtures. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 7684-91	7.8	19
115	Neuropeptide analysis with liquid chromatography-capillary electrophoresis-mass spectrometric imaging. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 1779-84	3.4	19
114	Strategy Based on Deglycosylation, Multiprotease, and Hydrophilic Interaction Chromatography for Large-Scale Profiling of Protein Methylation. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 12909-12917	7.8	18

113	A high resolution atmospheric pressure matrix-assisted laser desorption/ionization-quadrupole-orbitrap MS platform enables in situ analysis of biomolecules by multi-mode ionization and acquisition. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1007, 16-25	6.6	18
112	Development of a hydrophilic interaction liquid chromatography coupled with matrix-assisted laser desorption/ionization-mass spectrometric imaging platform for N-glycan relative quantitation using stable-isotope labeled hydrazide reagents. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 4437-4447	4.4	18
111	Structural Characterization of Monomers and Oligomers of D-Amino Acid-Containing Peptides Using T-Wave Ion Mobility Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2017</b> , 28, 110-118	3.5	18
110	On-Tissue Derivatization with Girard's Reagent P Enhances N-Glycan Signals for Formalin-Fixed Paraffin-Embedded Tissue Sections in MALDI Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 13361-13368	7.8	18
109	Recent Advances and New Perspectives in Capillary Electrophoresis-Mass Spectrometry for Single Cell "Omics". <i>Molecules</i> , <b>2018</b> , 24,	4.8	18
108	A Multifaceted Mass Spectrometric Method to Probe Feeding Related Neuropeptide Changes in <i>Callinectes sapidus</i> and <i>Carcinus maenas</i> . <i>Journal of the American Society for Mass Spectrometry</i> , <b>2018</b> , 29, 948-960	3.5	17
107	Matrix-assisted ionization vacuum for protein detection, fragmentation and PTM analysis on a high resolution linear ion trap-orbitrap platform. <i>Analytica Chimica Acta</i> , <b>2016</b> , 916, 52-9	6.6	17
106	Finding the Sweet Spot in ERLIC Mobile Phase for Simultaneous Enrichment of N-Glyco and Phosphopeptides. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2019</b> , 30, 2491-2501	3.5	17
105	Molecular basis for chirality-regulated Aβ self-assembly and receptor recognition revealed by ion mobility-mass spectrometry. <i>Nature Communications</i> , <b>2019</b> , 10, 5038	17.4	17
104	Imaging with Mass Spectrometry of Bacteria on the Exoskeleton of Fungus-Growing Ants. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 1980-1985	4.9	16
103	Metandem: An online software tool for mass spectrometry-based isobaric labeling metabolomics. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1088, 99-106	6.6	16
102	Data Independent Acquisition Mass Spectrometry Method for Improved Neuropeptidomic Coverage in Crustacean Neural Tissue Extracts. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 5150-5158	7.8	16
101	Mass spectral charting of neuropeptidomic expression in the stomatogastric ganglion at multiple developmental stages of the lobster <i>Homarus americanus</i> . <i>ACS Chemical Neuroscience</i> , <b>2012</b> , 3, 439-50	5.7	16
100	Signature-Ion-Triggered Mass Spectrometry Approach Enabled Discovery of N- and O-Linked Glycosylated Neuropeptides in the Crustacean Nervous System. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 634-643	5.6	16
99	Investigation of signaling molecules and metabolites found in crustacean hemolymph via in vivo microdialysis using a multifaceted mass spectrometric platform. <i>Electrophoresis</i> , <b>2016</b> , 37, 1031-8	3.6	16
98	Quantitative Glycomic Analysis by Mass-Defect-Based Dimethyl Pyrimidinyl Ornithine (DiPyrO) Tags and High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7817-7823	7.8	16
97	A strategy for identifying species-specific peptide biomarkers in deer-hide gelatin using untargeted and targeted mass spectrometry approaches. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1092, 32-41	6.6	15
96	Mass Defect-Based Dimethyl Pyrimidinyl Ornithine (DiPyrO) Tags for Multiplex Quantitative Proteomics. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 10798-10805	7.8	15



95	Investigation of several unique tandem mass spectrometric fragmentation patterns of NFDEIDR, an orckinin analog, and its N-terminal dimethylated form. <i>Rapid Communications in Mass Spectrometry</i> , <b>2006</b> , 20, 553-62	2.2	15
94	Acetyl-CoA flux regulates the proteome and acetyl-proteome to maintain intracellular metabolic crosstalk. <i>Nature Communications</i> , <b>2019</b> , 10, 3929	17.4	14
93	Multifaceted Mass Spectrometric Investigation of Neuropeptide Changes in Atlantic Blue Crab, <i>Callinectes sapidus</i> , in Response to Low pH Stress. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 2759-2770	5.6	14
92	Evaluation and Application of Dimethylated Amino Acids as Isobaric Tags for Quantitative Proteomics of the TGF- $\beta$ /Smad3 Signaling Pathway. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 3420-31	5.6	14
91	Identification, Quantitation, and Imaging of the Crustacean Peptidome. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1719, 247-269	1.4	13
90	Neuropeptidomics of the Rat Habenular Nuclei. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 1463-1473	5.6	13
89	Nanosecond photochemically promoted click chemistry for enhanced neuropeptide visualization and rapid protein labeling. <i>Nature Communications</i> , <b>2019</b> , 10, 4697	17.4	13
88	Sample preparation strategies for high-throughput mass spectrometry imaging of primary tumor organoids. <i>Journal of Mass Spectrometry</i> , <b>2020</b> , 55, e4452	2.2	13
87	Capillary electrophoresis coupled to MALDI mass spectrometry imaging with large volume sample stacking injection for improved coverage of <i>C. borealis</i> neuropeptidome. <i>Analyst, The</i> , <b>2019</b> , 145, 61-69	5	13
86	Large-Scale Differentiation and Site Specific Discrimination of Hydroxyproline Isomers by Electron Transfer/Higher-Energy Collision Dissociation (ETHcD) Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 5857-5864	7.8	12
85	In situ identification and mapping of neuropeptides from the stomatogastric nervous system of <i>Cancer borealis</i> . <i>Rapid Communications in Mass Spectrometry</i> , <b>2014</b> , 28, 2437-44	2.2	12
84	Mass Spectrometric Imaging Reveals Temporal and Spatial Dynamics of Bioactive Lipids in Arteries Undergoing Restenosis. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 1669-1678	5.6	12
83	Characterizing and alleviating ion suppression effects in atmospheric pressure matrix-assisted laser desorption/ionization. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 327-335	2.2	12
82	In-depth Site-specific Analysis of N-glycoproteome in Human Cerebrospinal Fluid and Glycosylation Landscape Changes in Alzheimer's Disease. <i>Molecular and Cellular Proteomics</i> , <b>2021</b> , 20, 100081	7.6	12
81	A Simple and Effective Sample Preparation Strategy for MALDI-MS Imaging of Neuropeptide Changes in the Crustacean Brain Due to Hypoxia and Hypercapnia Stress. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 1058-1065	3.5	11
80	Multiplex Quantitative Glycomics Enabled by Periodate Oxidation and Triplex Mass Defect Isobaric Multiplex Reagents for Carbonyl-Containing Compound Tags. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 11932-11937	7.8	11
79	Fragmentation of peptides with N-terminal dimethylation and imine/methylol adduction at the tryptophan side-chain. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2006</b> , 17, 859-866	3.5	11
78	HOTMAQ: A Multiplexed Absolute Quantification Method for Targeted Proteomics. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 2112-2119	7.8	11

77	A Strategy for Discovery and Verification of Candidate Biomarkers in Cerebrospinal Fluid of Preclinical Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 483	6.1	10
76	Surfactant and Chaotropic Agent Assisted Sequential Extraction/On-Pellet Digestion (SCAD) for Enhanced Proteomics. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 2744-2754	5.6	10
75	Mass spectrometric characterization of the crustacean neuropeptidome. <i>EuPA Open Proteomics</i> , <b>2014</b> , 3, 152-170	0.1	10
74	Data-independent MS/MS quantification of neuropeptides for determination of putative feeding-related neurohormones in microdialysate. <i>ACS Chemical Neuroscience</i> , <b>2015</b> , 6, 174-80	5.7	10
73	High-Throughput Quantitative Proteomics Enabled by Mass Defect-Based 12-Plex DiLeu Isobaric Tags. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1410, 169-94	1.4	10
72	Improved structural elucidation of peptide isomers and their receptors using advanced ion mobility-mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 124, 115546	14.6	10
71	Proteome-wide and matrisome-specific alterations during human pancreas development and maturation. <i>Nature Communications</i> , <b>2021</b> , 12, 1020	17.4	10
70	Mass Defect-Based DiLeu Tagging for Multiplexed Data-Independent Acquisition. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 11119-11126	7.8	9
69	Coupling matrix-assisted ionization with high resolution mass spectrometry and electron transfer dissociation to characterize intact proteins and post-translational modifications. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 1007-1017	4.4	9
68	Quantitative analysis of serotonin secreted by human embryonic stem cells-derived serotonergic neurons via pH-mediated online stacking-CE-ESI-MRM. <i>Electrophoresis</i> , <b>2016</b> , 37, 1027-30	3.6	9
67	Qualitative and quantitative top-down mass spectral analysis of crustacean hyperglycemic hormones in response to feeding. <i>Proteomics</i> , <b>2014</b> , 14, 1185-94	4.8	9
66	Effects of Trimetaphosphate on Abiotic Formation and Hydrolysis of Peptides. <i>Life</i> , <b>2017</b> , 7,	3	9
65	Mass spectrometric measurement of neuropeptide secretion in the crab, <i>Cancer borealis</i> , by in vivo microdialysis. <i>Analyst</i> , <b>2015</b> , 140, 3803-13	5	9
64	Trimetaphosphate Activates Prebiotic Peptide Synthesis across a Wide Range of Temperature and pH. <i>Origins of Life and Evolution of Biospheres</i> , <b>2018</b> , 48, 277-287	1.5	9
63	Mass Spectrometry Imaging of N-Glycans from Formalin-Fixed Paraffin-Embedded Tissue Sections Using a Novel Subatmospheric Pressure Ionization Source. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 12942-12947	7.8	8
62	High-Resolution Enabled 5-plex Mass Defect-Based N, N-Dimethyl Leucine Tags for Quantitative Proteomics. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 7991-7995	7.8	8
61	Temporal Study of the Perturbation of Crustacean Neuropeptides Due to Severe Hypoxia Using 4-Plex Reductive Dimethylation. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 1548-1555	5.6	8
60	Investigation and reduction of sub-microgram peptide loss using molecular weight cut-off fractionation prior to mass spectrometric analysis. <i>Journal of Mass Spectrometry</i> , <b>2012</b> , 47, 1327-32	2.2	8

59	Omics Technologies to Understand Activation of a Biosynthetic Gene Cluster in <i>Micromonospora</i> sp. WMMB235: Deciphering Keyicin Biosynthesis. <i>ACS Chemical Biology</i> , <b>2019</b> , 14, 1260-1270	4.9	7
58	Profiling of small molecule metabolites and neurotransmitters in crustacean hemolymph and neuronal tissues using reversed-phase LC-MS/MS. <i>Electrophoresis</i> , <b>2018</b> , 39, 1241-1248	3.6	7
57	Relative Quantitation of Neuropeptides at Multiple Developmental Stages of the American Lobster Using N, N-Dimethyl Leucine Isobaric Tandem Mass Tags. <i>ACS Chemical Neuroscience</i> , <b>2018</b> , 9, 2054-2063	5.7	7
56	and lactational 2,3,7,8-tetrachlorodibenzo-dioxin (TCDD) exposure exacerbates urinary dysfunction in hormone-treated C57BL/6J mice through a non-malignant mechanism involving proteomic changes in the prostate that differ from those elicited by testosterone and estradiol. <i>American Journal of Clinical and Experimental Urology</i> , <b>2020</b> , 8, 59-72	1.6	7
55	Neuropeptidomics: Improvements in Mass Spectrometry Imaging Analysis and Recent Advancements. <i>Current Protein and Peptide Science</i> , <b>2021</b> , 22, 158-169	2.8	7
54	Counterion Optimization Dramatically Improves Selectivity for Phosphopeptides and Glycopeptides in Electrostatic Repulsion-Hydrophilic Interaction Chromatography. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 7908-7916	7.8	7
53	Dual-Functional Ti(IV)-IMAC Material Enables Simultaneous Enrichment and Separation of Diverse Glycopeptides and Phosphopeptides. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 8568-8576	7.8	7
52	Quantification and molecular imaging of fatty acid isomers from complex biological samples by mass spectrometry. <i>Chemical Science</i> , <b>2021</b> , 12, 8115-8122	9.4	7
51	Function-driven discovery of neuropeptides with mass spectrometry-based tools. <i>Protein and Peptide Letters</i> , <b>2013</b> , 20, 681-94	1.9	6
50	Integrated Label-Free and 10-Plex DiLeu Isobaric Tag Quantitative Methods for Profiling Changes in the Mouse Hypothalamic Neuropeptidome and Proteome: Assessment of the Impact of the Gut Microbiome. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 14021-14030	7.8	6
49	Acetyl-CoA flux from the cytosol to the ER regulates engagement and quality of the secretory pathway. <i>Scientific Reports</i> , <b>2021</b> , 11, 2013	4.9	6
48	Mass Spectrometry Quantification, Localization, and Discovery of Feeding-Related Neuropeptides in. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 782-798	5.7	6
47	Quantitative proteomic analysis of a genetically induced prostate inflammation mouse model via custom 4-plex DiLeu isobaric labeling. <i>American Journal of Physiology - Renal Physiology</i> , <b>2019</b> , 316, F1236-F1243	4.2	5
46	Isolation and characterization of glycosylated neuropeptides. <i>Methods in Enzymology</i> , <b>2019</b> , 626, 147-202	2.7	5
45	Isotopic N,N-Dimethyl Leucine (iDiLeu) for Absolute Quantification of Peptides Using a Standard Curve Approach. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1410, 195-206	1.4	5
44	Gold nanoparticles in virus detection: Recent advances and potential considerations for SARS-CoV-2 testing development. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2021</b> , e1754	9.2	5
43	ADVANCES IN HIGH-RESOLUTION MALDI MASS SPECTROMETRY FOR NEUROBIOLOGY. <i>Mass Spectrometry Reviews</i> , <b>2020</b> ,	11	4
42	Spatiotemporal Proteomics Reveals the Molecular Consequences of Hormone Treatment in a Mouse Model of Lower Urinary Tract Dysfunction. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 1375-1382	5.6	4

41	Subresidue-Resolution Footprinting of Ligand-Protein Interactions by Carbene Chemistry and Ion Mobility-Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 947-956	7.8	4
40	Simultaneous enrichment and separation of neutral and sialyl glycopeptides of SARS-CoV-2 spike protein enabled by dual-functionalized Ti-IMAC material. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 7295-7303	4.4	4
39	Recent Advances in Mass Spectrometry-Based Glycomic and Glycoproteomic Studies of Pancreatic Diseases. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 707387	5	4
38	Comprehensive urinary metabolomic characterization of a genetically induced mouse model of prostatic inflammation. <i>International Journal of Mass Spectrometry</i> , <b>2018</b> , 434, 185-192	1.9	4
37	Biologically Active Peptides in Invertebrates <b>2015</b> , 3, 1-76		3
36	Isobaric Labeling Strategy Utilizing 4-Plex $\epsilon$ -Dimethyl Leucine (DiLeu) Tags Reveals Proteomic Changes Induced by Chemotherapy in Cerebrospinal Fluid of Children with B-Cell Acute Lymphoblastic Leukemia. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 2606-2616	5.6	3
35	Urinary Amine Metabolomics Characterization with Custom 12-Plex Isobaric DiLeu Labeling. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 1854-1860	3.5	3
34	Mass Spectrometric Profiling of Neuropeptides in during Hypoxia Stress. <i>ACS Chemical Neuroscience</i> , <b>2020</b> , 11, 3097-3106	5.7	3
33	Mass Spectrometric Profiling of Neuropeptides in Response to Copper Toxicity via Isobaric Tagging. <i>Chemical Research in Toxicology</i> , <b>2021</b> , 34, 1329-1336	4	3
32	Extraction optimization for combined metabolomics, peptidomics, and proteomics analysis of gut microbiota samples. <i>Journal of Mass Spectrometry</i> , <b>2021</b> , 56, e4625	2.2	3
31	PKM2-TMEM33 axis regulates lipid homeostasis in cancer cells by controlling SCAP stability. <i>EMBO Journal</i> , <b>2021</b> , 40, e108065	13	3
30	Recent advances in mass spectrometry analysis of neuropeptides. <i>Mass Spectrometry Reviews</i> , <b>2021</b> , e21734	11	3
29	Analysis of pancreatic extracellular matrix protein post-translational modifications electrostatic repulsion-hydrophilic interaction chromatography coupled with mass spectrometry. <i>Molecular Omics</i> , <b>2021</b> , 17, 652-664	4.4	3
28	PRESnovo: Prescreening Prior to Sequencing to Improve Accuracy and Sensitivity of Neuropeptide Identification. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 1358-1371	3.5	2
27	Exploring the Sexual Dimorphism of Crustacean Neuropeptide Expression Using as a Model Organism. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 2739-2750	5.6	2
26	High-resolution magnetic resonance and mass spectrometry imaging of the human larynx. <i>Journal of Anatomy</i> , <b>2021</b> , 239, 545-556	2.9	2
25	Urinary Metabolomic and Proteomic Analyses in a Mouse Model of Prostatic Inflammation. <i>Urine</i> , <b>2019</b> , 1, 17-23	1.8	2
24	Complementary neuropeptide detection in crustacean brain by mass spectrometry imaging using formalin and alternative aqueous tissue washes. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 2665-2673	4.4	2

23	Recent Developments and Applications of Quantitative Proteomics Strategies for High-Throughput Biomolecular Analyses in Cancer Research. <i>RSC Chemical Biology</i> , <b>2021</b> , 4, 1050-1072	3	2
22	Native Ion Mobility-Mass Spectrometry-Enabled Fast Structural Interrogation of Labile Protein Surface Modifications at the Intact Protein Level.. <i>Analytical Chemistry</i> , <b>2022</b> ,	7.8	1
21	On-tissue amidation of sialic acid with aniline for sensitive imaging of sialylated N-glycans from FFPE tissue sections via MALDI mass spectrometry.. <i>Analytical and Bioanalytical Chemistry</i> , <b>2022</b> , 1	4.4	1
20	SLC13A5/sodium-citrate co-transporter overexpression causes disrupted white matter integrity and an autistic-like phenotype.. <i>Brain Communications</i> , <b>2022</b> , 4, fcac002	4.5	1
19	Highly multiplexed quantitative proteomic and phosphoproteomic analyses in vascular smooth muscle cell dedifferentiation. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1127, 163-173	6.6	1
18	Mass spectrometry profiling and quantitation of changes in circulating hormones secreted over time in <i>Cancer borealis</i> hemolymph due to feeding behavior. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 1	4.4	1
17	Discovery of anti-infective adipostatins through bioactivity-guided isolation and heterologous expression of a type III polyketide synthase. <i>Bioorganic Chemistry</i> , <b>2021</b> , 112, 104925	5.1	1
16	Targeted Top-Down Mass Spectrometry for the Characterization and Tissue-Specific Functional Discovery of Crustacean Hyperglycemic Hormones (CHH) and CHH Precursor-Related Peptides in Response to Low pH Stress. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2021</b> , 32, 1352-1360	3.5	1
15	Developing mass spectrometry for the quantitative analysis of neuropeptides. <i>Expert Review of Proteomics</i> , <b>2021</b> , 18, 607-621	4.2	1
14	Informs Extrasynaptic Volume Transmission in Nematodes. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 3176-3188	3.8	1
13	MALDI Mass Spectrometry Imaging of Peptides in <i>Medicago truncatula</i> Root Nodules. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2139, 341-351	1.4	1
12	Recent Advances in Understanding of Alzheimer's Disease Progression Through Mass Spectrometry-Based Metabolomics. <i>Phenomics</i> , <b>2022</b> , 2, 1-17		1
11	Liquid Chromatography Tandem Mass Spectrometry Based Label-Free Quantification Method for Assessment of Allergen-Induced Anaphylactoid Reactions. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 856-863	3.5	0
10	Discovery of Missing Methylation Sites on Endogenous Peptides of Human Cell Lines. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2019</b> , 30, 2537-2547	3.5	0
9	Quantitative Proteomics for Analyses of Multiple Samples in Parallel with Chemical Perturbation <b>2019</b> , 39-65		0
8	Isotopic N,N-dimethyl leucine tags for absolute quantification of clusterin and apolipoprotein E in Alzheimer's disease.. <i>Journal of Proteomics</i> , <b>2022</b> , 257, 104507	3.9	0
7	Complementary proteome and glycoproteome access revealed through comparative analysis of reversed phase and porous graphitic carbon chromatography.. <i>Analytical and Bioanalytical Chemistry</i> , <b>2022</b> , 1	4.4	0
6	Neuropeptidomic Profiling and Localization in the Crustacean Cardiac Ganglion Using Mass Spectrometry Imaging with Multiple Platforms. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 2469-2478	3.5	0

5	DiLeuPMP: A Multiplexed Isobaric Labeling Method for Quantitative Analysis of -Glycans. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9845-9852	7.8	o
4	Nanosecond Photochemical Reaction (nsPCR) for Enhanced Mass Spectrometric Identification, Quantification, and Visualization of Metabolites and Neuropeptides.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2437, 143-157	1.4	o
3	Symbiont-Mediated Protection of Leaf-Cutter Ants from the Entomopathogenic Fungus <i>Metarhizium anisopliae</i> .. <i>MBio</i> , <b>2021</b> , 12, e0188521	7.8	o
2	The Spatiotemporal Dynamics of Low-abundance Bioactive Lipids in Arteries Undergoing Restenosis Observed and Identified at High Spatial Resolving Power with Multi-modal Mass Spectrometry Imaging. <i>Microscopy and Microanalysis</i> , <b>2020</b> , 26, 2510-2511	0.5	
1	Multiplexed quantitative neuropeptidomics via DiLeu isobaric tagging.. <i>Methods in Enzymology</i> , <b>2022</b> , 663, 235-257	1.7	