Per E Andrn

List of Publications by Citations

144 papers	4,682 citations	40 h-index	63 g-index
158 ext. papers	5,271 ext. citations	5.8 avg, IF	5.29 L-index

#	Paper	IF	Citations
144	Peptidomics-based discovery of novel neuropeptides. *Journal of Proteome Research*, **2003**, 2, 213-9	5.6	216
143	Fine mapping the spatial distribution and concentration of unlabeled drugs within tissue micro-compartments using imaging mass spectrometry. *PLoS ONE*, **2010**, 5, e11411	3.7	179
142	Molecular profiling of experimental Parkinson's disease: direct analysis of peptides and proteins on brain tissue sections by MALDI mass spectrometry. *Journal of Proteome Research*, **2004**, 3, 289-95	5.6	152
141	Direct targeted quantitative molecular imaging of neurotransmitters in brain tissue sections. *Neuron*, **2014**, 84, 697-707	13.9	145
140	Aurora kinase inhibitor nanoparticles target tumors with favorable therapeutic index in vivo. *Science Translational Medicine*, **2016**, 8, 325ra17	17.5	140
139	Mass spectrometry imaging in drug development. *Analytical Chemistry*, **2015**, 87, 1437-55	7.8	127
138	Heat stabilization of the tissue proteome: a new technology for improved proteomics. *Journal of Proteome Research*, **2009**, 8, 974-81	5.6	125
137	Novel mass spectrometry imaging software assisting labeled normalization and quantitation of drugs and neuropeptides directly in tissue sections. *Journal of Proteomics*, **2012**, 75, 4941-4951	3.9	117
136	SwePep, a database designed for endogenous peptides and mass spectrometry. *Molecular and Cellular Proteomics*, **2006**, 5, 998-1005	7.6	109
135	Decreased striatal levels of PEP-19 following MPTP lesion in the mouse. *Journal of Proteome Research*, **2006**, 5, 262-9	5.6	104
134	A neuroproteomic approach to targeting neuropeptides in the brain. *Proteomics*, **2002**, 2, 447-54	4.8	102
133	Evidence for a role of the 5-HT1B receptor and its adaptor protein, p11, in L-DOPA treatment of an animal model of Parkinsonism. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 2163-8	11.5	98
132	The significance of biochemical and molecular sample integrity in brain proteomics and peptidomics: stathmin 2-20 and peptides as sample quality indicators. *Proteomics*, **2007**, 7, 4445-56	4.8	96
131	msIQuant--Quantitation Software for Mass Spectrometry Imaging Enabling Fast Access, Visualization, and Analysis of Large Data Sets. *Analytical Chemistry*, **2016**, 88, 4346-53	7.8	88
130	Specific molecular mass detection of endogenously released neuropeptides using in vivo microdialysis/mass spectrometry. *Journal of Neuroscience Methods*, **1995**, 62, 141-7	3	86
129	Development and evaluation of normalization methods for label-free relative quantification of endogenous peptides. *Molecular and Cellular Proteomics*, **2009**, 8, 2285-95	7.6	84
128	Qualitative and quantitative MALDI imaging of the positron emission tomography ligands raclopride (a D2 dopamine antagonist) and SCH 23390 (a D1 dopamine antagonist) in rat brain tissue sections using a solvent-free dry matrix application method. *Analytical Chemistry*, **2011**, 83, 9694-701	7.8	76

127	Comprehensive mapping of neurotransmitter networks by MALDI-MS imaging. *Nature Methods*, **2019**, 16, 1021-1028	21.6	73
126	Mass spectrometry imaging of cassette-dosed drugs for higher throughput pharmacokinetic and biodistribution analysis. *Analytical Chemistry*, **2014**, 86, 8473-80	7.8	70
125	Mass spectrometry imaging, an emerging technology in neuropsychopharmacology. *Neuropsychopharmacology*, **2014**, 39, 34-49	8.7	68
124	Chiral separation of local anaesthetics by a capillary electrophoresis/partial filling technique coupled on-line to micro-electrospray mass spectrometry. *Journal of Mass Spectrometry*, **1998**, 33, 183-186	2.2	65
123	Pyrylium Salts as Reactive Matrices for MALDI-MS Imaging of Biologically Active Primary Amines. *Journal of the American Society for Mass Spectrometry*, **2015**, 26, 934-9	3.5	64
122	Determination of extracellular release of neurotensin in discrete rat brain regions utilizing in vivo microdialysis/electrospray mass spectrometry. *Brain Research*, **1999**, 845, 123-9	3.7	63
121	Capillary electrophoresis coupled to mass spectrometry from a polymer modified poly(dimethylsiloxane) microchip with an integrated graphite electrospray tip. *Analyst, The*, **2005**, 130, 193-9	5	60
120	Poly(dimethylsiloxane)-based microchip for two-dimensional solid-phase extraction-capillary electrophoresis with an integrated electrospray emitter tip. *Analytical Chemistry*, **2005**, 77, 5356-63	7.8	55
119	Exposure to brominated flame retardant PBDE-99 affects cytoskeletal protein expression in the neonatal mouse cerebral cortex. *NeuroToxicology*, **2008**, 29, 628-37	4.4	52
118	Neuropeptidomics: MS applied to the discovery of novel peptides from the brain. *Analytical Chemistry*, **2007**, 79, 15-6, 18-21	7.8	52
117	Combining solid-phase preconcentration, capillary electrophoresis and off-line matrix-assisted laser desorption/ionization mass spectrometry: intracerebral metabolic processing of peptide E in vivo. *Journal of Mass Spectrometry*, **1999**, 34, 377-83	2.2	52
116	Simultaneous imaging of multiple neurotransmitters and neuroactive substances in the brain by desorption electrospray ionization mass spectrometry. *NeuroImage*, **2016**, 136, 129-38	7.9	48
115	Controlled-pH tissue cleanup protocol for signal enhancement of small molecule drugs analyzed by MALDI-MS imaging. *Analytical Chemistry*, **2012**, 84, 4603-7	7.8	48
114	Simultaneous analysis of endogenous neurotransmitters and neuropeptides in brain tissue using capillary electrophoresis--microelectrospray-tandem mass spectrometry. *Electrophoresis*, **1999**, 20, 1527-32	3.6	48
113	Changes on 5-HT2 receptor mRNAs in striatum and subthalamic nucleus in Parkinson's disease model. *Physiology and Behavior*, **2007**, 92, 29-33	3.5	47
112	Discussion point: reporting guidelines for mass spectrometry imaging. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 2035-45	4.4	46
111	Developments in biobanking workflow standardization providing sample integrity and stability. *Journal of Proteomics*, **2013**, 95, 38-45	3.9	45
110	Electrokinetic-driven microfluidic system in poly(dimethylsiloxane) for mass spectrometry detection integrating sample injection, capillary electrophoresis, and electrospray emitter on-chip. *Electrophoresis*, **2005**, 26, 4674-83	3.6	45

109	Neuropeptidomics strategies for specific and sensitive identification of endogenous peptides. *Molecular and Cellular Proteomics*, **2007**, 6, 1188-97	7.6	44
108	Conductive carbon tape used for support and mounting of both whole animal and fragile heat-treated tissue sections for MALDI MS imaging and quantitation. *Journal of Proteomics*, **2012**, 75, 4912-4920	3.9	42
107	Quantitation of Endogenous Metabolites in Mouse Tumors Using Mass-Spectrometry Imaging. *Analytical Chemistry*, **2018**, 90, 6051-6058	7.8	41
106	Deuterated matrix-assisted laser desorption ionization matrix uncovers masked mass spectrometry imaging signals of small molecules. *Analytical Chemistry*, **2012**, 84, 7152-7	7.8	41
105	Striatal proteomic analysis suggests that first L-dopa dose equates to chronic exposure. *PLoS ONE*, **2008**, 3, e1589	3.7	41
104	Analytical utility of small neutral losses from reduced species in electron capture dissociation studied using SwedECD database. *Analytical Chemistry*, **2008**, 80, 8089-94	7.8	40
103	In situ mass spectrometry imaging and ex vivo characterization of renal crystalline deposits induced in multiple preclinical drug toxicology studies. *PLoS ONE*, **2012**, 7, e47353	3.7	39
102	Striatal alterations of secretogranin-1, somatostatin, prodynorphin, and cholecystokinin peptides in an experimental mouse model of Parkinson disease. *Molecular and Cellular Proteomics*, **2009**, 8, 1094-104	7.6	39
101	Neurotoxin-induced neuropeptide perturbations in striatum of neonatal rats. *Journal of Proteome Research*, **2013**, 12, 1678-90	5.6	36
100	Increased levels of ubiquitin in the 6-OHDA-lesioned striatum of rats. *Journal of Proteome Research*, **2005**, 4, 223-6	5.6	35
99	Normalization and expression changes in predefined sets of proteins using 2D gel electrophoresis: a proteomic study of L-DOPA induced dyskinesia in an animal model of Parkinson's disease using DIGE. *BMC Bioinformatics*, **2006**, 7, 475	3.6	34
98	High identification rates of endogenous neuropeptides from mouse brain. *Journal of Proteome Research*, **2012**, 11, 2819-27	5.6	32
97	The significance of ambient-temperature on pharmaceutical and endogenous compound abundance and distribution in tissues sections when analyzed by matrix-assisted laser desorption/ionization mass spectrometry imaging. *Rapid Communications in Mass Spectrometry*, **2012**, 26, 494-8	2.2	32
96	Coupling surface plasmon resonance to mass spectrometry to discover novel protein-protein interactions. *Nature Protocols*, **2009**, 4, 1023-37	18.8	32
95	Impact of temperature dependent sampling procedures in proteomics and peptidomics--a characterization of the liver and pancreas post mortem degradome. *Molecular and Cellular Proteomics*, **2011**, 10, M900229MCP200	7.6	32
94	Essential tactics of tissue preparation and matrix nano-spotting for successful compound imaging mass spectrometry. *Journal of Proteomics*, **2010**, 73, 1270-8	3.9	32
93	Altered extracellular striatal in vivo biotransformation of the opioid neuropeptide dynorphin A(1-17) in the unilateral 6-OHDA rat model of Parkinson's disease. *Journal of Mass Spectrometry*, **2005**, 40, 261-70	2.2	32
92	How Does the Sweet Violet (L.) Fight Pathogens and Pests - Cyclotides as a Comprehensive Plant Host Defense System. *Frontiers in Plant Science*, **2018**, 9, 1296	6.2	32

91	Identification of glucuronide conjugates of ketobemidone and its phase I metabolites in human urine utilizing accurate mass and tandem time-of-flight mass spectrometry. *Journal of Mass Spectrometry*, **2002**, 37, 414-20	2.2	31
90	Investigating nephrotoxicity of polymyxin derivatives by mapping renal distribution using mass spectrometry imaging. *Chemical Research in Toxicology*, **2015**, 28, 1823-30	4	30
89	Asymmetry of the endogenous opioid system in the human anterior cingulate: a putative molecular basis for lateralization of emotions and pain. *Cerebral Cortex*, **2015**, 25, 97-108	5.1	28
88	Increased striatal mRNA and protein levels of the immunophilin FKBP-12 in experimental Parkinson's disease and identification of FKBP-12-binding proteins. *Journal of Proteome Research*, **2007**, 6, 3952-61	5.6	28
87	SwedCAD, a database of annotated high-mass accuracy MS/MS spectra of tryptic peptides. *Journal of Proteome Research*, **2007**, 6, 4063-7	5.6	27
86	Repeated l-DOPA treatment increases c-fos and BDNF mRNAs in the subthalamic nucleus in the 6-OHDA rat model of Parkinson's disease. *Brain Research*, **2006**, 1095, 207-10	3.7	27
85	Exemplifying the Screening Power of Mass Spectrometry Imaging over Label-Based Technologies for Simultaneous Monitoring of Drug and Metabolite Distributions in Tissue Sections. *Journal of Biomolecular Screening*, **2016**, 21, 187-93		26
84	Extensive characterization of Tupaia belangeri neuropeptidome using an integrated mass spectrometric approach. *Journal of Proteome Research*, **2012**, 11, 886-96	5.6	25
83	Neuropeptidomics of mouse hypothalamus after imipramine treatment reveal somatostatin as a potential mediator of antidepressant effects. *Neuropharmacology*, **2012**, 62, 347-57	5.5	25
82	Validation of endogenous peptide identifications using a database of tandem mass spectra. *Journal of Proteome Research*, **2008**, 7, 3049-53	5.6	25
81	In vitro imaging techniques in neurodegenerative diseases. *Molecular Imaging and Biology*, **2007**, 9, 161-758	3.8	24
80	Mass spectrometry imaging identifies palmitoylcarnitine as an immunological mediator during Salmonella Typhimurium infection. *Scientific Reports*, **2017**, 7, 2786	4.9	23
79	Going forward: Increasing the accessibility of imaging mass spectrometry. *Journal of Proteomics*, **2012**, 75, 5113-5121	3.9	23
78	A quantitative peptidomic analysis of peptides related to the endogenous opioid and tachykinin systems in nucleus accumbens of rats following naloxone-precipitated morphine withdrawal. *Journal of Proteome Research*, **2009**, 8, 1091-8	5.6	23
77	In vivo processing of LVV-hemorphin-7 in rat brain and blood utilizing microdialysis combined with electrospray mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2003**, 17, 838-44	2.2	23
76	Abnormal structure-specific peptide transmission and processing in a primate model of Parkinson's disease and l-DOPA-induced dyskinesia. *Neurobiology of Disease*, **2014**, 62, 307-12	7.5	22
75	In vitro neurotoxicity of PBDE-99: immediate and concentration-dependent effects on protein expression in cerebral cortex cells. *Journal of Proteome Research*, **2010**, 9, 1226-35	5.6	22
74	Association of chromosome 19 to lung cancer genotypes and phenotypes. *Cancer and Metastasis Reviews*, **2015**, 34, 217-26	9.6	21

73	Neuropeptide profiling of the bovine hypothalamus: thermal stabilization is an effective tool in inhibiting post-mortem degradation. *Proteomics*, **2011**, 11, 1264-76	4.8	21
72	Caveolin-1 interacts with alpha-synuclein and mediates toxic actions of cellular alpha-synuclein overexpression. *Neurochemistry International*, **2011**, 59, 280-9	4.4	20
71	Acute and repeated treatment with L-DOPA increase c-jun expression in the 6-hydroxydopamine-lesioned forebrain of rats and common marmosets. *Brain Research*, **2002**, 955, 8-15	3.7	20
70	A mass spectrometry imaging approach for investigating how drug-drug interactions influence drug blood-brain barrier permeability. *NeuroImage*, **2018**, 172, 808-816	7.9	19
69	Chronic nicotine treatment impacts the regulation of opioid and non-opioid peptides in the rat dorsal striatum. *Molecular and Cellular Proteomics*, **2013**, 12, 1553-62	7.6	19
68	Neurokinin B/NK3 receptors exert feedback inhibition on L-DOPA actions in the 6-OHDA lesion rat model of Parkinson?s disease. *Neuropharmacology*, **2008**, 54, 1143-52	5.5	18
67	Simultaneous mass spectrometry imaging of multiple neuropeptides in the brain and alterations induced by experimental parkinsonism and L-DOPA therapy. *Neurobiology of Disease*, **2020**, 137, 104738	7.5	17
66	Detection of a High-Turnover Serotonin Circuit in the Mouse Brain Using Mass Spectrometry Imaging. *IScience*, **2019**, 20, 359-372	6.1	17
65	An automated method for scanning LC-MS data sets for significant peptides and proteins, including quantitative profiling and interactive confirmation. *Journal of Proteome Research*, **2007**, 6, 2888-95	5.6	17
64	Sample pretreatment on a microchip with an integrated electrospray emitter. *Electrophoresis*, **2006**, 27, 2075-82	3.6	17
63	Use of ENCODE resources to characterize novel proteoforms and missing proteins in the human proteome. *Journal of Proteome Research*, **2015**, 14, 603-8	5.6	16
62	Chromosome 19 annotations with disease speciation: a first report from the Global Research Consortium. *Journal of Proteome Research*, **2013**, 12, 135-50	5.6	16
61	Mass Spectrometry Imaging proves differential absorption profiles of well-characterised permeability markers along the crypt-villus axis. *Scientific Reports*, **2017**, 7, 6352	4.9	16
60	Identification of protein-protein interactions by surface plasmon resonance followed by mass spectrometry. *Current Protocols in Protein Science*, **2011**, Chapter 19, Unit19.21	3.1	15
59	Use of surface plasmon resonance coupled with mass spectrometry reveals an interaction between the voltage-gated sodium channel type X alpha-subunit and caveolin-1. *Journal of Proteome Research*, **2008**, 7, 5333-8	5.6	15
58	□synuclein-lipoprotein interactions and elevated ApoE level in cerebrospinal fluid from Parkinson?s disease patients. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 15226-15235	11.5	14
57	High speed data processing for imaging MS-based molecular histology using graphical processing units. *Journal of the American Society for Mass Spectrometry*, **2012**, 23, 745-52	3.5	14
56	Uncovering the regional localization of inhaled salmeterol retention in the lung. *Drug Delivery*, **2018** , 25, 838-845	7	13

55	Direct imaging of elemental distributions in tissue sections by laser ablation mass spectrometry. *Methods*, **2016**, 104, 86-92	4.6	12
54	Evaluation of database search programs for accurate detection of neuropeptides in tandem mass spectrometry experiments. *Journal of Proteome Research*, **2012**, 11, 6044-55	5.6	12
53	μ Opioid Receptor Agonism for L-DOPA-Induced Dyskinesia in Parkinson's Disease. *Journal of Neuroscience*, **2020**, 40, 6812-6819	6.6	12
52	Molecular imaging identifies age-related attenuation of acetylcholine in retrosplenial cortex in response to acetylcholinesterase inhibition. *Neuropsychopharmacology*, **2019**, 44, 2091-2098	8.7	11
51	Bromopyrylium Derivatization Facilitates Identification by Mass Spectrometry Imaging of Monoamine Neurotransmitters and Small Molecule Neuroactive Compounds. *Journal of the American Society for Mass Spectrometry*, **2020**, 31, 2553-2557	3.5	11
50	Distribution, level, pharmacology, regulation, and signaling of 5-HT6 receptors in rats and marmosets with special reference to an experimental model of parkinsonism. *Journal of Comparative Neurology*, **2011**, 519, 1816-27	3.4	10
49	Neuropeptidomic analysis of the embryonic Japanese quail diencephalon. *BMC Developmental Biology*, **2010**, 10, 30	3.1	10
48	Insomnia in pediatric obsessive-compulsive disorder: prevalence and association with multimodal treatment outcomes in a naturalistic clinical setting. *Sleep Medicine*, **2019**, 56, 104-110	4.6	9
47	Striatal Tyrosine Hydroxylase Is Stimulated via TAAR1 by 3-Iodothyronamine, But Not by Tyramine or β-Phenylethylamine. *Frontiers in Pharmacology*, **2018**, 9, 166	5.6	9
46	Method development for identification of ketobemidone metabolites in microdialysate samples by coupled-column capillary liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2008**, 1189, 503-13	4.5	9
45	Revealing the Regional Localization and Differential Lung Retention of Inhaled Compounds by Mass Spectrometry Imaging. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, **2020**, 33, 43-53	3.8	9
44	Design, synthesis and in vitro biological evaluation of oligopeptides targeting E. coli type I signal peptidase (LepB). *Bioorganic and Medicinal Chemistry*, **2017**, 25, 897-911	3.4	8
43	Brain Tissue Sample Stabilization and Extraction Strategies for Neuropeptidomics. *Methods in Molecular Biology*, **2018**, 1719, 41-49	1.4	8
42	Peptide ion channel toxins from the bootlace worm, the longest animal on Earth. *Scientific Reports*, **2018**, 8, 4596	4.9	8
41	Cross-validated Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging Quantitation Protocol for a Pharmaceutical Drug and Its Drug-Target Effects in the Brain Using Time-of-Flight and Fourier Transform Ion Cyclotron Resonance Analyzers. *Analytical Chemistry*, **2020**, 92, 14676-14684	7.8	8
40	Deficits in Motor Performance, Neurotransmitters and Synaptic Plasticity in Elderly and Experimental Parkinsonian Mice Lacking GPR37. *Frontiers in Aging Neuroscience*, **2020**, 12, 84	5.3	7
39	Efficacy of EBL-1003 (apramycin) against Acinetobacter baumannii lung infections in mice. *Clinical Microbiology and Infection*, **2021**, 27, 1315-1321	9.5	6
38	Mass spectrometry imaging identifies abnormally elevated brain l-DOPA levels and extrastriatal monoaminergic dysregulation in l-DOPA-induced dyskinesia. *Science Advances*, **2021**, 7,	14.3	6

37	Neuropharmacokinetic visualization of regional and subregional unbound antipsychotic drug transport across the blood-brain barrier. *Molecular Psychiatry*, **2021**,	15.1	6
36	A Space Efficient Direct Access Data Compression Approach for Mass Spectrometry Imaging. *Analytical Chemistry*, **2018**, 90, 3676-3682	7.8	5
35	Proteomic profiling of the Baltic Sea cyanobacterium Nodularia spumigena strain AV1 during ammonium supplementation. *Journal of Proteomics*, **2010**, 73, 1670-9	3.9	5
34	In vivo investigation of brain and systemic ketobemidone metabolism. *Analyst, The*, **2010**, 135, 405-13	5	4
33	TAAR1-Dependent and -Independent Actions of Tyramine in Interaction With Glutamate Underlie Central Effects of Monoamine Oxidase Inhibition. *Biological Psychiatry*, **2021**, 90, 16-27	7.9	4
32	An introduction to MS imaging in drug discovery and development. *Bioanalysis*, **2015**, 7, 2621-7	2.1	3
31	Non-dopaminergic Alterations in Depression-Like FSL Rats in Experimental Parkinsonism and L-DOPA Responses. *Frontiers in Pharmacology*, **2020**, 11, 304	5.6	3
30	Integration of Mass Spectrometry Imaging and Machine Learning Visualizes Region-Specific Age-Induced and Drug-Target Metabolic Perturbations in the Brain. *ACS Chemical Neuroscience*, **2021**, 12, 1811-1823	5.7	3
29	Identification of best indicators of peptide-spectrum match using a permutation resampling approach. *Journal of Bioinformatics and Computational Biology*, **2014**, 12, 1440001	1	2
28	A Short History of Insect (Neuro)PeptidomicsA Personal Story of the Birth and Youth of an Excellent Model for Studying Peptidome Biology25-54		2
27	Accurate assignment of significance to neuropeptide identifications using Monte Carlo k-permuted decoy databases. *PLoS ONE*, **2014**, 9, e111112	3.7	2
26	Cyclotide host-defense tailored for species and environments in violets from the Canary Islands. *Scientific Reports*, **2021**, 11, 12452	4.9	2
25	Analysis of the Peptidomes of Amphibian Skin Granular Gland SecretionsAn Integrated Functional Genomic Strategy1-23		1
24	Quantification of Polypeptides by Mass Spectrometry291-316		1
23	Peptidomics Approach to Proteomics153-175		1
22	The Importance of Sample Handling in Neuropeptidomics177-189		1
21	Antibacterial activity of apramycin at acidic pH warrants wide therapeutic window in the treatment of complicated urinary tract infections and acute pyelonephritis. *EBioMedicine*, **2021**, 73, 103652	8.8	1
20	Wide-Ranging Effects on the Brain Proteome in a Transgenic Mouse Model of Alzheimer's Disease Following Treatment with a Brain-Targeting Somatostatin Peptide. *ACS Chemical Neuroscience*, **2021**, 12, 2529-2541	5.7	1

19	Spatial visualization of comprehensive brain neurotransmitter systems and neuroactive substances by selective in situ chemical derivatization mass spectrometry imaging. *Nature Protocols*, **2021**, 16, 3298-3321	18.8	1
18	Combining solid-phase preconcentration, capillary electrophoresis and off-line matrix-assisted laser desorption/ionization mass spectrometry: intracerebral metabolic processing of peptide E in vivo **1999**, 34, 377		1
17	The involvement of cyclotides in mutual interactions of violets and the two-spotted spider mite.. *Scientific Reports*, **2022**, 12, 1914	4.9	0
16	Holistic Characterization of a Typhimurium Infection Model Using Integrated Molecular Imaging. *Journal of the American Society for Mass Spectrometry*, **2021**, 32, 2791-2802	3.5	0
15	MALDI Mass Spectrometry Imaging of Dopamine and PET D1 and D2 Receptor Ligands in Rodent Brain Tissues. *Neuromethods*, **2015**, 177-196	0.4	0
14	Basal ganglia neuropeptides show abnormal processing associated with L-DOPA-induced dyskinesia.. *Npj Parkinsonts Disease*, **2022**, 8, 41	9.7	0
13	The transition of the European Proteomics Association into the future. *Journal of Proteomics*, **2011**, 75, 18-22	3.9	
12	MALDI Imaging and Profiling Mass Spectrometry in Neuroproteomics. *Frontiers in Neuroscience*, **2009**, 115-134		
11	Affinity Peptidomics Approach to Protein Detection, Quantification, and Protein Affinity Assays: Application to Forensics and Biometrics191-231		
10	Selective Depletion and Enrichment Methods for the Analysis of Protein and Peptide Pools233-264		
9	Detection of Target Peptides in Foods and Feeds by Mass Spectrometry265-290		
8	Biomarker Discovery317-339		
7	Can Peptidomics Provide a Useful Approach for the Identification of Biomarkers of Toxicological Exposure or Effect?341-353		
6	Peptidomics in Neuroendocrine Research: A Caenorhabditis elegans and Mus musculus Study355-386		
5	Peptidomics and Biology: Two Scientific Disciplines Driving Each Other387-396		
4	Peptidomics of Short Linear Cytolytic Peptides from Spider Venom55-70		
3	Molecular Cloning Approaches to Peptidomics: The Identification of Novel cDNAs Encoding Neurotoxin-Like Peptide Pools71-97		
2	Wheat Antimicrobial Peptides99-117		