

Malin A Andersson

List of Publications by Year in descending order

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35
papers

3,825
citations

257450

24
h-index

395702

33
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36
all docs

36
docs citations

36
times ranked

3338
citing authors

#	ARTICLE	IF	CITATIONS
1	Perinatal exposure to a glyphosate-based herbicide causes dysregulation of dynorphins and an increase of neural precursor cells in the brain of adult male rats. <i>Toxicology</i> , 2021, 461, 152922.	4.2	12
2	Region-specific bioconversion of dynorphin neuropeptide detected by in situ histochemistry and MALDI imaging mass spectrometry. <i>Peptides</i> , 2017, 87, 20-27.	2.4	19
3	Intra- and interregional coregulation of opioid genes: broken symmetry in spinal circuits. <i>FASEB Journal</i> , 2017, 31, 1953-1963.	0.5	21
4	Neuropeptide imaging in rat spinal cord with MALDI-TOF MS: Method development for the application in pain-related disease studies. <i>European Journal of Mass Spectrometry</i> , 2017, 23, 105-115.	1.0	11
5	Opioid precursor protein isoform is targeted to the cell nuclei in the human brain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 246-255.	2.4	6
6	Macrophage migration inhibitory factor (MIF) modulates trophic signaling through interaction with serine protease HTRA1. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 4561-4572.	5.4	19
7	Quantitative mass spectrometry imaging of small-molecule neurotransmitters in rat brain tissue sections using nanospray desorption electrospray ionization. <i>Analyst</i> , 2016, 141, 3686-3695.	3.5	80
8	Reduced <i>Vglut2/Slc17a6</i> Gene Expression Levels throughout the Mouse Subthalamic Nucleus Cause Cell Loss and Structural Disorganization Followed by Increased Motor Activity and Decreased Sugar Consumption. <i>ENeuro</i> , 2016, 3, ENEURO.0264-16.2016.	1.9	23
9	Quality Measures of Imaging Mass Spectrometry Aids in Revealing Long-term Striatal Protein Changes Induced by Neonatal Exposure to the Cyanobacterial Toxin β -N-methylamino-L-alanine (BMAA). <i>Molecular and Cellular Proteomics</i> , 2014, 13, 93-104.	3.8	34
10	Analysis of Neuropeptides by MALDI Imaging Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2013, 1023, 121-136.	0.9	12
11	MALDI imaging of post-mortem human spinal cord in amyotrophic lateral sclerosis. <i>Journal of Neurochemistry</i> , 2013, 124, 695-707.	3.9	50
12	Neonatal Exposure to the Cyanobacterial Toxin BMAA Induces Changes in Protein Expression and Neurodegeneration in Adult Hippocampus. <i>Toxicological Sciences</i> , 2012, 130, 391-404.	3.1	76
13	MALDI Imaging Mass Spectrometry of Neuropeptides in Parkinson's Disease. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	38
14	Dynorphins in neurological and mental disorders. <i>Pharmacological Reports</i> , 2011, 63, 207.	3.3	0
15	Putaminal Upregulation of FosB-like Immunoreactivity in Parkinson's Disease Patients with Dyskinesia. <i>Journal of Parkinson's Disease</i> , 2011, 1, 347-357.	2.8	34
16	MALDI mass spectrometry based molecular phenotyping of CNS glial cells for prediction in mammalian brain tissue. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 135-147.	3.7	46
17	L-DOPA-induced Dyskinesia is Associated with Regional Increase of Striatal Dynorphin Peptides as Elucidated by Imaging Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.009308.	3.8	76
18	Imaging Mass Spectrometry Reveals Elevated Nigral Levels of Dynorphin Neuropeptides in L-DOPA-Induced Dyskinesia in Rat Model of Parkinson's Disease. <i>PLoS ONE</i> , 2011, 6, e25653.	2.5	60

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19	Fine Mapping the Spatial Distribution and Concentration of Unlabeled Drugs within Tissue Micro-Compartments Using Imaging Mass Spectrometry. PLoS ONE, 2010, 5, e11411.	2.5	192
20	Heat Stabilization of the Tissue Proteome: A New Technology for Improved Proteomics. Journal of Proteome Research, 2009, 8, 974-981.	3.7	137
21	MALDI Imaging and Profiling Mass Spectrometry in Neuroproteomics. Frontiers in Neuroscience, 2009, , 115-134.	0.0	1
22	Imaging mass spectrometry of proteins and peptides: 3D volume reconstruction. Nature Methods, 2008, 5, 101-108.	19.0	225
23	Expression pattern of JunD after acute or chronic L-DOPA treatment: Comparison with \hat{I} FosB. Neuroscience, 2007, 144, 198-207.	2.3	24
24	Identification of proteins directly from tissue:in situ tryptic digestions coupled with imaging mass spectrometry. Journal of Mass Spectrometry, 2007, 42, 254-262.	1.6	345
25	Processing MALDI mass spectra to improve mass spectral direct tissue analysis. International Journal of Mass Spectrometry, 2007, 260, 212-221.	1.5	188
26	Direct Molecular Analysis of Whole-Body Animal Tissue Sections by Imaging MALDI Mass Spectrometry. Analytical Chemistry, 2006, 78, 6448-6456.	6.5	476
27	Chapter 3.2 Microdialysis coupled with liquid chromatography/mass spectrometry. Handbook of Behavioral Neuroscience, 2006, 16, 251-266.	0.7	0
28	A Novel Histology-directed Strategy for MALDI-MS Tissue Profiling That Improves Throughput and Cellular Specificity in Human Breast Cancer. Molecular and Cellular Proteomics, 2006, 5, 1975-1983.	3.8	169
29	Time course of striatal \hat{I} FosB-like immunoreactivity and prodynorphin mRNA levels after discontinuation of chronic dopaminomimetic treatment. European Journal of Neuroscience, 2003, 17, 661-666.	2.6	73
30	Pharmacological validation of behavioural measures of akinesia and dyskinesia in a rat model of Parkinson's disease. European Journal of Neuroscience, 2002, 15, 120-132.	2.6	584
31	Alterations in Cortical and Basal Ganglia Levels of Opioid Receptor Binding in a Rat Model of L-DOPA-Induced Dyskinesia. Neurobiology of Disease, 2001, 8, 220-239.	4.4	80
32	cAMP Response Element-Binding Protein Is Required for Dopamine-Dependent Gene Expression in the Intact But Not the Dopamine-Denervated Striatum. Journal of Neuroscience, 2001, 21, 9930-9943.	3.6	130
33	Persistent changes in striatal gene expression induced by long-term L-DOPA treatment in a rat model of Parkinson's disease. European Journal of Neuroscience, 2001, 14, 1171-1176.	2.6	120
34	Changes in the regional and compartmental distribution of FosB- and JunB-like immunoreactivity induced in the dopamine-denervated rat striatum by acute or chronic L-DOPA treatment. Neuroscience, 1999, 94, 515-527.	2.3	130
35	Striatal fosB Expression Is Causally Linked with L-DOPA-Induced Abnormal Involuntary Movements and the Associated Upregulation of Striatal Prodynorphin mRNA in a Rat Model of Parkinson's Disease. Neurobiology of Disease, 1999, 6, 461-474.	4.4	334