

Marc Moniatte

List of Publications by Year in descending order

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40
papers

2,276
citations

201674

27
h-index

276875

41
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41
all docs

41
docs citations

41
times ranked

3859
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorylation at S87 Is Enhanced in Synucleinopathies, Inhibits α -Synuclein Oligomerization, and Influences Synuclein-Membrane Interactions. <i>Journal of Neuroscience</i> , 2010, 30, 3184-3198.	3.6	271
2	Alpha-synuclein Post-translational Modifications as Potential Biomarkers for Parkinson Disease and Other Synucleinopathies. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3543-3558.	3.8	159
3	Surface charge of polymer coated SPIONs influences the serum protein adsorption, colloidal stability and subsequent cell interaction in vitro. <i>Nanoscale</i> , 2013, 5, 3723.	5.6	127
4	The structure of a glycosylated protein hormone responsible for sex determination in the isopod, <i>Armadillidium vulgare</i> . <i>FEBS Journal</i> , 1999, 262, 727-736.	0.2	117
5	Antibacterial Activity of Glycosylated and Phosphorylated Chromogranin A-derived Peptide 173-194 from Bovine Adrenal Medullary Chromaffin Granules. <i>Journal of Biological Chemistry</i> , 1996, 271, 28533-28540.	3.4	110
6	Phosphopeptide detection and sequencing by matrix-assisted laser desorption/ionization quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2002, 37, 179-190.	1.6	102
7	Differential Proteomics via Probabilistic Peptide Identification Scores. <i>Analytical Chemistry</i> , 2005, 77, 596-606.	6.5	102
8	A quantitative telomeric chromatin isolation protocol identifies different telomeric states. <i>Nature Communications</i> , 2013, 4, 2848.	12.8	95
9	Absolute quantification of transcription factors during cellular differentiation using multiplexed targeted proteomics. <i>Nature Methods</i> , 2013, 10, 570-576.	19.0	82
10	A Possible Role for Cathepsins D, E, and B in the Processing of beta-amyloid Precursor Protein in Alzheimer's Disease. <i>FEBS Journal</i> , 1997, 244, 414-425.	0.2	81
11	Lipidomics reveals diurnal lipid oscillations in human skeletal muscle persisting in cellular myotubes cultured in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8565-E8574.	7.1	74
12	The C-terminal Bisphosphorylated proenkephalin-A-(209-237)-peptide from Adrenal Medullary Chromaffin Granules Possesses Antibacterial Activity. <i>FEBS Journal</i> , 1996, 235, 516-525.	0.2	70
13	Human Neutrophil Elastase Proteolytically Activates the Platelet Integrin α IIb β 3 through Cleavage of the Carboxyl Terminus of the β 3 Subunit Heavy Chain. <i>Journal of Biological Chemistry</i> , 1997, 272, 11636-11647.	3.4	70
14	Activation of a PAK-MEK signalling pathway in malaria parasite-infected erythrocytes. <i>Cellular Microbiology</i> , 2011, 13, 836-845.	2.1	70
15	In vitro and in silico processes to identify differentially expressed proteins. <i>Proteomics</i> , 2004, 4, 2333-2351.	2.2	63
16	Experiences and perspectives of MALDI MS and MS/MS in proteomic research. <i>International Journal of Mass Spectrometry</i> , 2003, 226, 223-237.	1.5	54
17	Determination of the disulfide array of the first inducible antifungal peptide from insects: drosomycin from <i>Drosophila melanogaster</i> . <i>FEBS Letters</i> , 1996, 395, 6-10.	2.8	50
18	Antibody-based methods for the measurement of α -synuclein concentration in human cerebrospinal fluid – method comparison and round robin study. <i>Journal of Neurochemistry</i> , 2019, 149, 126-138.	3.9	44

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19	Electron capture and transfer dissociation: Peptide structure analysis at different ion internal energy levels. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 567-575.	2.8	43
20	Dissecting the Mechanisms of Tissue Transglutaminase-induced Cross-linking of β -Synuclein. <i>Journal of Biological Chemistry</i> , 2009, 284, 13128-13142.	3.4	42
21	Methods of protein corona isolation for magnetic nanoparticles. <i>Analyst</i> , 2017, 142, 3805-3815.	3.5	38
22	Superparamagnetic Nanoparticles as a Powerful Systems Biology Characterization Tool in the Physiological Context. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7857-7860.	13.8	37
23	Peptide End Sequencing by Orthogonal MALDI Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2002, 1, 63-71.	3.7	34
24	Tissue Transglutaminase-mediated Glutamine Deamidation of β -Amyloid Peptide Increases Peptide Solubility, Whereas Enzymatic Cross-linking and Peptide Fragmentation May Serve as Molecular Triggers for Rapid Peptide Aggregation. <i>Journal of Biological Chemistry</i> , 2011, 286, 12172-12188.	3.4	32
25	Protein Corona: Impact of Lymph Versus Blood in a Complex In Vitro Environment. <i>Small</i> , 2017, 13, 1700409.	10.0	32
26	Validation of a nanoliquid chromatography-tandem mass spectrometry method for the identification and the accurate quantification by isotopic dilution of glutathionylated and cysteinylated precursors of 3-mercaptohexan-1-ol and 4-mercapto-4-methylpentan-2-one in white grape juices. <i>Journal of Chromatography A</i> , 2010, 1217, 1626-1635.	3.7	31
27	Involvement of Plasmodium falciparum protein kinase CK2 in the chromatin assembly pathway. <i>BMC Biology</i> , 2012, 10, 5.	3.8	30
28	Quantitative Mass Spectrometry Reveals Plasticity of Metabolic Networks in Mycobacterium smegmatis. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3014-3028.	3.8	29
29	Malaria Parasite-Infected Erythrocytes Secrete PfCK1, the Plasmodium Homologue of the Pleiotropic Protein Kinase Casein Kinase 1. <i>PLoS ONE</i> , 2015, 10, e0139591.	2.5	29
30	A Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry Approach to Identify the Origin of the Glycan Heterogeneity of Diptericin, an O-Glycosylated Antibacterial Peptide from Insects. <i>Analytical Biochemistry</i> , 1997, 247, 366-375.	2.4	27
31	Study of the regioselectivity of palladium-catalyzed monocouplings between conjugated bis(enoltriflates) and trimethylsilylacetylene. <i>Tetrahedron Letters</i> , 1994, 35, 1965-1968.	1.4	23
32	Amyloid β oligomerization is associated with the generation of a typical peptide fragment fingerprint. <i>Alzheimer's and Dementia</i> , 2016, 12, 996-1013.	0.8	17
33	A comparison of orbitally-shaken and stirred-tank bioreactors: pH modulation and bioreactor type affect CHO cell growth and protein glycosylation. <i>Biotechnology Progress</i> , 2016, 32, 1174-1180.	2.6	16
34	Experiments in Searching Small Proteins in Unannotated Large Eukaryotic Genomes. <i>Journal of Proteome Research</i> , 2005, 4, 167-174.	3.7	15
35	Genetic engineering of cell lines using lentiviral vectors to achieve antibody secretion following encapsulated implantation. <i>Biomaterials</i> , 2014, 35, 792-802.	11.4	14
36	Phosphorylation of the VAR2CSA extracellular region is associated with enhanced adhesive properties to the placental receptor CSA. <i>PLoS Biology</i> , 2019, 17, e3000308.	5.6	13

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37	Identification of new Presenilin-1 phosphosites: implication for γ -secretase activity and $A\beta$ production. <i>Journal of Neurochemistry</i> , 2015, 133, 409-421.	3.9	11
38	Sexual dimorphism in hepatic lipids is associated with the evolution of metabolic status in mice. <i>NMR in Biomedicine</i> , 2017, 30, e3761.	2.8	11
39	Analysis of the <i>S. pombe</i> Meiotic Proteome Reveals a Switch from Anabolic to Catabolic Processes and Extensive Post-transcriptional Regulation. <i>Cell Reports</i> , 2019, 26, 1044-1058.e5.	6.4	6
40	A mammalian transcription factor-specific peptide repository for targeted proteomics. <i>Proteomics</i> , 2015, 15, 752-756.	2.2	4