

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
g-index

41
all docs

41
docs citations

41
times ranked

3859
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibody-based methods for the measurement of β -synuclein concentration in human cerebrospinal fluid – method comparison and round robin study. <i>Journal of Neurochemistry</i> , 2019, 149, 126-138.	3.9	44
2	Analysis of the S.Âpombe 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
3	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
4	Methods of protein corona isolation for magnetic nanoparticles. <i>Analyst</i> , The, 2017, 142, 3805-3815.	3.5	38
5	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
6	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
7	Protein Corona: Impact of Lymph Versus Blood in a Complex In Vitro Environment. <i>Small</i> , 2017, 13, 1700409.	10.0	32
8	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
9	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
10	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
11	A mammalian transcription factor-specific peptide repository for targeted proteomics. <i>Proteomics</i> , 2015, 15, 752-756.	2.2	4
12	Identification of new Presenilin-1 phosphosites: implication for β -secretase activity and $A\beta$ production. <i>Journal of Neurochemistry</i> , 2015, 133, 409-421.	3.9	11
13	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
14	Quantitative Mass Spectrometry Reveals Plasticity of Metabolic Networks in <i>Mycobacterium smegmatis</i> . <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3014-3028.	3.8	29
15	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
16	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
17	Absolute quantification of transcription factors during cellular differentiation using multiplexed targeted proteomics. <i>Nature Methods</i> , 2013, 10, 570-576.	19.0	82
18	A quantitative telomeric chromatin isolation protocol identifies different telomeric states. <i>Nature Communications</i> , 2013, 4, 2848.	12.8	95

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19	Involvement of Plasmodium falciparum protein kinase CK2 in the chromatin assembly pathway. BMC Biology, 2012, 10, 5.	3.8	30
20	Activation of a PAK-MEK signalling pathway in malaria parasite-infected erythrocytes. Cellular Microbiology, 2011, 13, 836-845.	2.1	70
21	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. Journal of Biological Chemistry, 2011, 286, 12172-12188.	3.4	32
22	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. Journal of Chromatography A, 2010, 1217, 1626-1635.	3.7	31
23	Phosphorylation at S87 Is Enhanced in Synucleinopathies, Inhibits β -Synuclein Oligomerization, and Influences Synuclein-Membrane Interactions. Journal of Neuroscience, 2010, 30, 3184-3198.	3.6	271
24	Dissecting the Mechanisms of Tissue Transglutaminase-induced Cross-linking of β -Synuclein. Journal of Biological Chemistry, 2009, 284, 13128-13142.	3.4	42
25	Electron capture and transfer dissociation: Peptide structure analysis at different ion internal energy levels. Journal of the American Society for Mass Spectrometry, 2009, 20, 567-575.	2.8	43
26	Superparamagnetic Nanoparticles as a Powerful Systems Biology Characterization Tool in the Physiological Context. Angewandte Chemie - International Edition, 2008, 47, 7857-7860.	13.8	37
27	Differential Proteomics via Probabilistic Peptide Identification Scores. Analytical Chemistry, 2005, 77, 596-606.	6.5	102
28	Experiments in Searching Small Proteins in Unannotated Large Eukaryotic Genomes. Journal of Proteome Research, 2005, 4, 167-174.	3.7	15
29	In vitro and in silico processes to identify differentially expressed proteins. Proteomics, 2004, 4, 2333-2351.	2.2	63
30	Experiences and perspectives of MALDI MS and MS/MS in proteomic research. International Journal of Mass Spectrometry, 2003, 226, 223-237.	1.5	54
31	Peptide End Sequencing by Orthogonal MALDI Tandem Mass Spectrometry. Journal of Proteome Research, 2002, 1, 63-71.	3.7	34
32	Phosphopeptide detection and sequencing by matrix-assisted laser desorption/ionization quadrupole time-of-flight tandem mass spectrometry. Journal of Mass Spectrometry, 2002, 37, 179-190.	1.6	102
33	The structure of a glycosylated protein hormone responsible for sex determination in the isopod, Armadillidium vulgare. FEBS Journal, 1999, 262, 727-736.	0.2	117
34	Human Neutrophil Elastase Proteolytically Activates the Platelet Integrin α IIb β 3 through Cleavage of the Carboxyl Terminus of the β Subunit Heavy Chain. Journal of Biological Chemistry, 1997, 272, 11636-11647.	3.4	70
35	A Possible Role for Cathepsins D, E, and B in the Processing of beta-amyloid Precursor Protein in Alzheimer's Disease. FEBS Journal, 1997, 244, 414-425.	0.2	81
36	A Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry Approach to Identify the Origin of the Glycan Heterogeneity of Dipterin, an O-Glycosylated Antibacterial Peptide from Insects. Analytical Biochemistry, 1997, 247, 366-375.	2.4	27

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37	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
38	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
39	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
40	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