

Juan Astorga-Wells

List of Publications by Citations

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

15
papers

267
citations

9
h-index

16
g-index

17
ext. papers

372
ext. citations

8.8
avg, IF

2.5
L-index

#	Paper	IF	Citations
15	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. <i>Science</i> , 2018 , 362, 834-839	33.3	71
14	A microfluidic electrocapture device in sample preparation for protein analysis by MALDI mass spectrometry. <i>Analytical Chemistry</i> , 2003 , 75, 5213-9	7.8	38
13	Microfluidic electrocapture for separation of peptides. <i>Analytical Chemistry</i> , 2005 , 77, 7131-6	7.8	36
12	Multistep microreactions with proteins using electrocapture technology. <i>Analytical Chemistry</i> , 2004 , 76, 2425-9	7.8	24
11	Microfluidic systems and proteomics: applications of the electrocapture technology to protein and peptide analysis. <i>Analytical Biochemistry</i> , 2005 , 345, 10-7	3.1	18
10	System-wide identification and prioritization of enzyme substrates by thermal analysis. <i>Nature Communications</i> , 2021 , 12, 1296	17.4	16
9	Application of amide hydrogen/deuterium exchange mass spectrometry for epitope mapping in human cystatin C. <i>Amino Acids</i> , 2016 , 48, 2809-2820	3.5	14
8	STAT3 differential scanning fluorimetry and differential scanning light scattering assays: Addressing a missing link in the characterization of STAT3 inhibitor interactions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 160, 80-88	3.5	11
7	Formation of stable stacking zones in a flow stream for sample immobilization in microfluidic systems. <i>Analytical Chemistry</i> , 2007 , 79, 1057-63	7.8	10
6	A membrane cell for on-line hydrogen/deuterium exchange to study protein folding and protein-protein interactions by mass spectrometry. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M110.006510	7.6	9
5	The Polyglutamine Expansion at the N-Terminal of Huntingtin Protein Modulates the Dynamic Configuration and Phosphorylation of the C-Terminal HEAT Domain. <i>Structure</i> , 2020 , 28, 1035-1050.e8	5.2	7
4	Biochemical Characterization of the Split Class II Ribonucleotide Reductase from <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2015 , 10, e0134293	3.7	5
3	Multijunction Capillary Isoelectric Focusing Device Combined with Online Membrane-Assisted Buffer Exchanger Enables Isoelectric Point Fractionation of Intact Human Plasma Proteins for Biomarker Discovery. <i>Analytical Chemistry</i> , 2015 , 87, 11840-6	7.8	4
2	Hydrogen/Deuterium Exchange Mass Spectrometry in Drug Discovery - Theory, Practice and Future 2017 , 61-71		1
1	Multivariate mining of an alpaca immune repertoire identifies potent cross-neutralizing SARS-CoV-2 nanobodies.. <i>Science Advances</i> , 2022 , 8, eabm0220	14.3	1