

# Juan Astorga-Wells

## List of Publications by Year in Descending Order

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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	Multivariate mining of an alpaca immune repertoire identifies potent cross-neutralizing SARS-CoV-2 nanobodies.. <i>Science Advances</i> , <b>2022</b> , 8, eabm0220	14.3	1
14	System-wide identification and prioritization of enzyme substrates by thermal analysis. <i>Nature Communications</i> , <b>2021</b> , 12, 1296	17.4	16
13	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> , <b>2020</b> , 28, 1035-1050.e8	5.2	7
12	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> , <b>2018</b> , 160, 80-88	3.5	11
11	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. <i>Science</i> , <b>2018</b> , 362, 834-839	33.3	71
10	Hydrogen/Deuterium Exchange Mass Spectrometry in Drug Discovery - Theory, Practice and Future <b>2017</b> , 61-71		1
9	Application of amide hydrogen/deuterium exchange mass spectrometry for epitope mapping in human cystatin C. <i>Amino Acids</i> , <b>2016</b> , 48, 2809-2820	3.5	14
8	Biochemical Characterization of the Split Class II Ribonucleotide Reductase from <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0134293	3.7	5
7	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> , <b>2015</b> , 87, 11840-6	7.8	4
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> , <b>2011</b> , 10, M110.006510	7.6	9
5	Formation of stable stacking zones in a flow stream for sample immobilization in microfluidic systems. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 1057-63	7.8	10
4	Microfluidic electrocapture for separation of peptides. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 7131-6	7.8	36
3	Microfluidic systems and proteomics: applications of the electrocapture technology to protein and peptide analysis. <i>Analytical Biochemistry</i> , <b>2005</b> , 345, 10-7	3.1	18
2	Multistep microreactions with proteins using electrocapture technology. <i>Analytical Chemistry</i> , <b>2004</b> , 76, 2425-9	7.8	24
1	A microfluidic electrocapture device in sample preparation for protein analysis by MALDI mass spectrometry. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 5213-9	7.8	38