

Juan D Chavez

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,146
citations

623734

14
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1250
citing authors

#	ARTICLE	IF	CITATIONS
1	In-Cell Labeling and Mass Spectrometry for Systems-Level Structural Biology. <i>Chemical Reviews</i> , 2022, 122, 7647-7689.	47.7	17
2	Multiplexed Isobaric Quantitative Cross-Linking Reveals Drug-Induced Interactome Changes in Breast Cancer Cells. <i>Analytical Chemistry</i> , 2022, 94, 2713-2722.	6.5	10
3	Differential proteome and interactome analysis reveal the basis of pleiotropy associated with the histidine methyltransferase Hpm1p. <i>Molecular and Cellular Proteomics</i> , 2022, , 100249.	3.8	1
4	Leveraging the Entirety of the Protein Data Bank to Enable Improved Structure Prediction Based on Cross-Link Data. <i>Journal of Proteome Research</i> , 2021, 20, 1087-1095.	3.7	6
5	Crosslinking mass spectrometry: A link between structural biology and systems biology. <i>Protein Science</i> , 2021, 30, 773-784.	7.6	30
6	Mitochondrial protein interaction landscape of SS-31. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15363-15373.	7.1	88
7	Hsp90 middle domain phosphorylation initiates a complex conformational program to recruit the ATPase-stimulating cochaperone Aha1. <i>Nature Communications</i> , 2019, 10, 2574.	12.8	39
8	Chemical cross-linking with mass spectrometry: a tool for systems structural biology. <i>Current Opinion in Chemical Biology</i> , 2019, 48, 8-18.	6.1	116
9	Tools for 3D Interactome Visualization. <i>Journal of Proteome Research</i> , 2019, 18, 753-758.	3.7	26
10	Mango: A General Tool for Collision Induced Dissociation-Cleavable Cross-Linked Peptide Identification. <i>Analytical Chemistry</i> , 2018, 90, 6028-6034.	6.5	39
11	Chemical Crosslinking Mass Spectrometry Analysis of Protein Conformations and Supercomplexes in Heart Tissue. <i>Cell Systems</i> , 2018, 6, 136-141.e5.	6.2	118
12	Mitochondrial protein interactome elucidated by chemical cross-linking mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1732-1737.	7.1	165
13	In Vivo Conformational Dynamics of Hsp90 and Its Interactors. <i>Cell Chemical Biology</i> , 2016, 23, 716-726.	5.2	73
14	A General Method for Targeted Quantitative Cross-Linking Mass Spectrometry. <i>PLoS ONE</i> , 2016, 11, e0167547.	2.5	46
15	Host-Microbe Protein Interactions during Bacterial Infection. <i>Chemistry and Biology</i> , 2015, 22, 1521-1530.	6.0	103
16	In Vivo Protein Interaction Network Identified with a Novel Real-Time Cross-Linked Peptide Identification Strategy. <i>Journal of Proteome Research</i> , 2013, 12, 1569-1579.	3.7	130
17	Protein Interactions, Post-translational Modifications and Topologies in Human Cells. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1451-1467.	3.8	102
18	Quantitative Proteomic and Interaction Network Analysis of Cisplatin Resistance in HeLa Cells. <i>PLoS ONE</i> , 2011, 6, e19892.	2.5	37