

# Juan D Chavez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1844288/publications.pdf>

Version: 2024-02-01

18  
papers

1,146  
citations

623188

14  
h-index

839053

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial protein interactome elucidated by chemical cross-linking mass spectrometry. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1732-1737.	3.3	165
2	<i>In Vivo</i> Protein Interaction Network Identified with a Novel Real-Time Cross-Linked Peptide Identification Strategy. Journal of Proteome Research, 2013, 12, 1569-1579.	1.8	130
3	Chemical Crosslinking Mass Spectrometry Analysis of Protein Conformations and Supercomplexes in Heart Tissue. Cell Systems, 2018, 6, 136-141.e5.	2.9	118
4	Chemical cross-linking with mass spectrometry: a tool for systems structural biology. Current Opinion in Chemical Biology, 2019, 48, 8-18.	2.8	116
5	Host-Microbe Protein Interactions during Bacterial Infection. Chemistry and Biology, 2015, 22, 1521-1530.	6.2	103
6	Protein Interactions, Post-translational Modifications and Topologies in Human Cells. Molecular and Cellular Proteomics, 2013, 12, 1451-1467.	2.5	102
7	Mitochondrial protein interaction landscape of SS-31. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15363-15373.	3.3	88
8	<i>In Vivo</i> Conformational Dynamics of Hsp90 and Its Interactors. Cell Chemical Biology, 2016, 23, 716-726.	2.5	73
9	A General Method for Targeted Quantitative Cross-Linking Mass Spectrometry. PLoS ONE, 2016, 11, e0167547.	1.1	46
10	Mango: A General Tool for Collision Induced Dissociation-Cleavable Cross-Linked Peptide Identification. Analytical Chemistry, 2018, 90, 6028-6034.	3.2	39
11	Hsp90 middle domain phosphorylation initiates a complex conformational program to recruit the ATPase-stimulating cochaperone Aha1. Nature Communications, 2019, 10, 2574.	5.8	39
12	Quantitative Proteomic and Interaction Network Analysis of Cisplatin Resistance in HeLa Cells. PLoS ONE, 2011, 6, e19892.	1.1	37
13	Crosslinking mass spectrometry: A link between structural biology and systems biology. Protein Science, 2021, 30, 773-784.	3.1	30
14	Tools for 3D Interactome Visualization. Journal of Proteome Research, 2019, 18, 753-758.	1.8	26
15	<i>In-Cell</i> Labeling and Mass Spectrometry for Systems-Level Structural Biology. Chemical Reviews, 2022, 122, 7647-7689.	23.0	17
16	Multiplexed Isobaric Quantitative Cross-Linking Reveals Drug-Induced Interactome Changes in Breast Cancer Cells. Analytical Chemistry, 2022, 94, 2713-2722.	3.2	10
17	Leveraging the Entirety of the Protein Data Bank to Enable Improved Structure Prediction Based on Cross-Link Data. Journal of Proteome Research, 2021, 20, 1087-1095.	1.8	6
18	Differential proteome and interactome analysis reveal the basis of pleiotropy associated with the histidine methyltransferase Hpm1p. Molecular and Cellular Proteomics, 2022, , 100249.	2.5	1