

Jacob M Wozniak

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,257
citations

623734

14
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

2317
citing authors

#	ARTICLE	IF	CITATIONS
1	Context-Dependent and Disease-Specific Diversity in Protein Interactions within Stress Granules. <i>Cell</i> , 2018, 172, 590-604.e13.	28.9	672
2	mTORC2 controls the activity of PKC and Akt by phosphorylating a conserved TOR interaction motif. <i>Science Signaling</i> , 2021, 14, .	3.6	64
3	Quantitative Temporal Viromics of an Inducible HIV-1 Model Yields Insight to Global Host Targets and Phospho-Dynamics Associated with Protein Vpr. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1447-1461.	3.8	60
4	Mortality Risk Profiling of Staphylococcus aureus Bacteremia by Multi-omic Serum Analysis Reveals Early Predictive and Pathogenic Signatures. <i>Cell</i> , 2020, 182, 1311-1327.e14.	28.9	58
5	Untargeted mass spectrometry-based metabolomics approach unveils molecular changes in raw and processed foods and beverages. <i>Food Chemistry</i> , 2020, 302, 125290.	8.2	52
6	Targeted Protein Acetylation in Cells Using Heterobifunctional Molecules. <i>Journal of the American Chemical Society</i> , 2021, 143, 16700-16708.	13.7	46
7	EGFR is required for Wnt9aâ€Fzd9b signalling specificity in haematopoietic stem cells. <i>Nature Cell Biology</i> , 2019, 21, 721-730.	10.3	42
8	Optimization of carbon and energy utilization through differential translational efficiency. <i>Nature Communications</i> , 2018, 9, 4474.	12.8	35
9	Quantitative Multiplex Substrate Profiling of Peptidases by Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 968a-981.	3.8	28
10	Phosphoproteomic analysis of protease-activated receptor-1 biased signaling reveals unique modulators of endothelial barrier function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5039-5048.	7.1	25
11	Defining Host Responses during Systemic Bacterial Infection through Construction of a Murine Organ Proteome Atlas. <i>Cell Systems</i> , 2018, 6, 579-592.e4.	6.2	23
12	Quantitative analysis of Mycobacterium avium subsp. hominissuis proteome in response to antibiotics and during exposure to different environmental conditions. <i>Clinical Proteomics</i> , 2019, 16, 39.	2.1	23
13	Heat shock protein 27 activity is linked to endothelial barrier recovery after proinflammatory GPCR-induced disruption. <i>Science Signaling</i> , 2021, 14, eabc1044.	3.6	23
14	Exposure of Mycobacterium abscessus to Environmental Stress and Clinically Used Antibiotics Reveals Common Proteome Response among Pathogenic Mycobacteria. <i>Microorganisms</i> , 2020, 8, 698.	3.6	18
15	Disruption of innate defense responses by endoglycosidase HPSE promotes cell survival. <i>JCI Insight</i> , 2021, 6, .	5.0	14
16	CLK1 reorganizes the splicing factor U1-70K for early spliceosomal protein assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13
17	Functional and Proteomic Analysis of Streptococcus pyogenes Virulence Upon Loss of Its Native Cas9 Nuclease. <i>Frontiers in Microbiology</i> , 2019, 10, 1967.	3.5	11
18	AssessORF: combining evolutionary conservation and proteomics to assess prokaryotic gene predictions. <i>Bioinformatics</i> , 2020, 36, 1022-1029.	4.1	10

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19	Molecular dissection of Chagas induced cardiomyopathy reveals central disease associated and druggable signaling pathways. PLoS Neglected Tropical Diseases, 2020, 14, e0007980.	3.0	9
20	<i>PTMphinder</i> : an R package for PTM site localization and motif extraction from proteomic datasets. PeerJ, 2019, 7, e7046.	2.0	8
21	Phosphoproteomic analysis of thrombin- and p38 MAPK-regulated signaling networks in endothelial cells. Journal of Biological Chemistry, 2022, 298, 101801.	3.4	8
22	Organ-level protein networks as a reference for the host effects of the microbiome. Genome Research, 2020, 30, 276-286.	5.5	6
23	A Hetero-Multimeric Chitinase-Containing Plasmodium falciparum and Plasmodium gallinaceum Ookinete-Secreted Protein Complex Involved in Mosquito Midgut Invasion. Frontiers in Cellular and Infection Microbiology, 2020, 10, 615343.	3.9	4
24	Contextâ€dependent and Diseaseâ€specific Diversity in Stress Granules Formed from Preâ€existing Protein Interactions. FASEB Journal, 2018, 32, 252.3.	0.5	2
25	Comparative Analysis of T-Cell Spatial Proteomics and the Influence of HIV Expression. Molecular and Cellular Proteomics, 2022, 21, 100194.	3.8	2
26	A combined EM and proteomic analysis places HIV-1 Vpu at the crossroads of retromer and ESCRT complexes: PTPN23 is a Vpu-cofactor. PLoS Pathogens, 2021, 17, e1009409.	4.7	0