Jacob M Wozniak

List of Publications by Year
in descending order

26	1,257	623574	580701
papers	citations	14 h-index	25 g-index

30	30	30	2317
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Context-Dependent and Disease-Specific Diversity in Protein Interactions within Stress Granules. Cell, 2018, 172, 590-604.e13.	13.5	672
2	mTORC2 controls the activity of PKC and Akt by phosphorylating a conserved TOR interaction motif. Science Signaling, 2021, 14, .	1.6	64
3	Quantitative Temporal Viromics of an Inducible HIV-1 Model Yields Insight to Global Host Targets and Phospho-Dynamics Associated with Protein Vpr. Molecular and Cellular Proteomics, 2017, 16, 1447-1461.	2.5	60
4	Mortality Risk Profiling of Staphylococcus aureus Bacteremia by Multi-omic Serum Analysis Reveals Early Predictive and Pathogenic Signatures. Cell, 2020, 182, 1311-1327.e14.	13.5	58
5	Untargeted mass spectrometry-based metabolomics approach unveils molecular changes in raw and processed foods and beverages. Food Chemistry, 2020, 302, 125290.	4.2	52
6	Targeted Protein Acetylation in Cells Using Heterobifunctional Molecules. Journal of the American Chemical Society, 2021, 143, 16700-16708.	6.6	46
7	EGFR is required for Wnt9aâ€“Fzd9b signalling specificity in haematopoietic stem cells. Nature Cell Biology, 2019, 21, 721-730.	4.6	42
8	Optimization of carbon and energy utilization through differential translational efficiency. Nature Communications, 2018, 9, 4474.	5.8	35
9	Quantitative Multiplex Substrate Profiling of Peptidases by Mass Spectrometry. Molecular and Cellular Proteomics, 2019, 18, 968a-981.	2.5	28
10	Phosphoproteomic analysis of protease-activated receptor-1 biased signaling reveals unique modulators of endothelial barrier function. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5039-5048.	3.3	25
11	Defining Host Responses during Systemic Bacterial Infection through Construction of a Murine Organ Proteome Atlas. Cell Systems, 2018, 6, 579-592.e4.	2.9	23
12	Quantitative analysis of Mycobacterium avium subsp. hominissuis proteome in response to antibiotics and during exposure to different environmental conditions. Clinical Proteomics, 2019, 16, 39.	1.1	23
13	Heat shock protein 27 activity is linked to endothelial barrier recovery after proinflammatory GPCR-induced disruption. Science Signaling, 2021, 14, eabc1044.	1.6	23
14	Exposure of Mycobacterium abscessus to Environmental Stress and Clinically Used Antibiotics Reveals Common Proteome Response among Pathogenic Mycobacteria. Microorganisms, 2020, 8, 698.	1.6	18
15	Disruption of innate defense responses by endoglycosidase HPSE promotes cell survival. JCI Insight, 2021, 6, .	2.3	14
16	CLK1 reorganizes the splicing factor U1-70K for early spliceosomal protein assembly. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	13
17	Functional and Proteomic Analysis of Streptococcus pyogenes Virulence Upon Loss of Its Native Cas9 Nuclease. Frontiers in Microbiology, 2019, 10, 1967.	1.5	11
18	AssessORF: combining evolutionary conservation and proteomics to assess prokaryotic gene predictions. Bioinformatics, 2020, 36, 1022-1029.	1.8	10

#	Article	IF	Citations
19	Molecular dissection of Chagas induced cardiomyopathy reveals central disease associated and druggable signaling pathways. PLoS Neglected Tropical Diseases, 2020, 14, e0007980.	1.3	9
20	PTMphinder: an R package for PTM site localization and motif extraction from proteomic datasets. PeerJ, 2019, 7, e7046.	0.9	8
21	Phosphoproteomic analysis of thrombin- and p38 MAPK-regulated signaling networks in endothelial cells. Journal of Biological Chemistry, 2022, 298, 101801.	1.6	8
22	Organ-level protein networks as a reference for the host effects of the microbiome. Genome Research, 2020, 30, 276-286.	2.4	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.	1.8	4
24	Contextâ€dependent and Diseaseâ€specific Diversity in Stress Granules Formed from Preâ€existing Protein Interactions. FASEB Journal, 2018, 32, 252.3.	0.2	2
25	Comparative Analysis of T-Cell Spatial Proteomics and the Influence of HIV Expression. Molecular and Cellular Proteomics, 2022, 21, 100194.	2.5	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.	2.1	0