Christina Ludwig

List of Publications by Year
in descending order

28	2,518	394421 19	501196 28
papers	citations	h-index	g-index

36	36	36	4500
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dataâ€independent acquisitionâ€based <scp>SWATH</scp> â€•<scp>MS</scp> for quantitative proteomics: a tutorial. Molecular Systems Biology, 2018, 14, e8126.	7.2	701
2	Large-Scale Quantitative Assessment of Different In-Solution Protein Digestion Protocols Reveals Superior Cleavage Efficiency of Tandem Lys-C/Trypsin Proteolysis over Trypsin Digestion. Journal of Proteome Research, 2012, 11, 5145-5156.	3.7	298
3	Absolute Proteome Composition and Dynamics during Dormancy and Resuscitation of Mycobacterium tuberculosis. Cell Host and Microbe, 2015, 18, 96-108.	11.0	229
4	Panorama Public: A Public Repository for Quantitative Data Sets Processed in Skyline. Molecular and Cellular Proteomics, 2018, 17, 1239-1244.	3.8	177
5	The Mtb Proteome Library: A Resource of Assays to Quantify the Complete Proteome of Mycobacterium tuberculosis. Cell Host and Microbe, 2013, 13, 602-612.	11.0	165
6	Inference and quantification of peptidoforms in large sample cohorts by SWATH-MS. Nature Biotechnology, 2017, 35, 781-788.	17.5	122
7	Estimation of Absolute Protein Quantities of Unlabeled Samples by Selected Reaction Monitoring Mass Spectrometry. Molecular and Cellular Proteomics, 2012, 11, M111.013987.	3.8	117
8	From coarse to fine: the absolute Escherichia coli proteome under diverse growth conditions. Molecular Systems Biology, 2021, 17, e9536.	7.2	82
9	Data, Reagents, Assays and Merits of Proteomics for SARS-CoV-2 Research and Testing. Molecular and Cellular Proteomics, 2020, 19, 1503-1522.	3.8	78
10	Dynamically evolving novel overlapping gene as a factor in the SARS-CoV-2 pandemic. ELife, 2020, 9, .	6.0	74
11	Dynamic phosphoproteomics reveals TORC1-dependent regulation of yeast nucleotide and amino acid biosynthesis. Science Signaling, 2015, 8, rs4.	3.6	64
12	aLFQ: an R-package for estimating absolute protein quantities from label-free LC-MS/MS proteomics data. Bioinformatics, 2014, 30, 2511-2513.	4.1	63
13	Attenuation of pattern recognition receptor signaling is mediated by a <scp>MAP</scp> kinase kinase kinase. EMBO Reports, 2016, 17, 441-454.	4.5	50
14	Inferring causal metabolic signals that regulate the dynamic <scp>TORC</scp>1â€dependent transcriptome. Molecular Systems Biology, 2015, 11, 802.	7.2	49
15	Dissecting the sequence determinants for dephosphorylation by the catalytic subunits of phosphatases PP1 and PP2A. Nature Communications, 2020, 11, 3583.	12.8	38
16	Label-free quantitative proteomic analysis reveals the lifestyle of Lactobacillus hordei in the presence of Saccharomyces cerevisiae. International Journal of Food Microbiology, 2019, 294, 18-26.	4.7	26
17	Proteomic Analysis of Lactobacillus nagelii in the Presence of Saccharomyces cerevisiae Isolated From Water Kefir and Comparison With Lactobacillus hordei. Frontiers in Microbiology, 2019, 10, 325.	3.5	23
18	Increased Pancreatic Protease Activity in Response to Antibiotics Impairs Gut Barrier and Triggers Colitis. Cellular and Molecular Gastroenterology and Hepatology, 2018, 6, 370-388.e3.	4.5	22

#	Article	IF	Citations
19	Sucrose-Induced Proteomic Response and Carbohydrate Utilization of Lactobacillus sakei TMW 1.411 During Dextran Formation. Frontiers in Microbiology, 2018, 9, 2796.	3.5	21
20	RGIâ€GOLVEN signaling promotes cell surface immune receptor abundance to regulate plant immunity. EMBO Reports, 2022, 23, e53281.	4.5	20
21	Getting Absolute: Determining Absolute Protein Quantities via Selected Reaction Monitoring Mass Spectrometry. New Developments in Mass Spectrometry, 2014, , 80-109.	0.2	17
22	Spotlight on alternative frame coding: Two long overlapping genes in Pseudomonas aeruginosa are translated and under purifying selection. IScience, 2022, 25, 103844.	4.1	13
23	Comprehensive Detection of Isopeptides between Human Tissue Transglutaminase and Gluten Peptides. Nutrients, 2019, 11, 2263.	4.1	11
24	Identification of Isopeptides Between Human Tissue Transglutaminase and Wheat, Rye, and Barley Gluten Peptides. Scientific Reports, 2020, 10, 7426.	3.3	11
25	A tailored phosphoaspartate probe unravels CprR as a response regulator in Pseudomonas aeruginosa interkingdom signaling. Chemical Science, 2021, 12, 4763-4770.	7.4	10
26	Living the Sweet Life: How Liquorilactobacillus hordei TMW 1.1822 Changes Its Behavior in the Presence of Sucrose in Comparison to Glucose. Foods, 2020, 9, 1150.	4.3	8
27	Dietary intervention improves health metrics and life expectancy of the genetically obese Titan mouse. Communications Biology, 2022, 5, 408.	4.4	4
28	Proteomic Analysis Reveals Enzymes for Î²-D-Glucan Formation and Degradation in Levilactobacillus brevis TMW 1.2112. International Journal of Molecular Sciences, 2022, 23, 3393.	4.1	2