Kaiwen Yu

List of Publications by Year
in descending order

25 papers	1,391 citations	471509 17 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	2236 citing authors

#	Article	IF	Citations
1	Deep Multilayer Brain Proteomics Identifies Molecular Networks in Alzheimer's Disease Progression. Neuron, 2020, 105, 975-991.e7.	8.1	287
2	Ubiquitination independent of E1 and E2 enzymes by bacterial effectors. Nature, 2016, 533, 120-124.	27.8	284
3	Structural analysis of the full-length human LRRK2. Cell, 2021, 184, 3519-3527.e10.	28.9	98
4	A unique deubiquitinase that deconjugates phosphoribosyl-linked protein ubiquitination. Cell Research, 2017, 27, 865-881.	12.0	70
5	27-Plex Tandem Mass Tag Mass Spectrometry for Profiling Brain Proteome in Alzheimer's Disease. Analytical Chemistry, 2020, 92, 7162-7170.	6.5	68
6	Proteomic Analyses of Intracellular Salmonella enterica Serovar Typhimurium Reveal Extensive Bacterial Adaptations to Infected Host Epithelial Cells. Infection and Immunity, 2015, 83, 2897-2906.	2.2	66
7	Role of the ESAT-6 secretion system in virulence of the emerging community-associated Staphylococcus aureus lineage ST398. Scientific Reports, 2016, 6, 25163.	3.3	52
8	Biosensor-assisted transcriptional regulator engineering for Methylobacterium extorquens AM1 to improve mevalonate synthesis by increasing the acetyl-CoA supply. Metabolic Engineering, 2017, 39, 159-168.	7.0	49
9	Decreasing the amount of trypsin in in-gel digestion leads to diminished chemical noise and improved protein identifications. Journal of Proteomics, 2014, 109, 16-25.	2.4	46
10	DNA Dendrimer–Streptavidin Nanocomplex: an Efficient Signal Amplifier for Construction of Biosensing Platforms. Analytical Chemistry, 2017, 89, 6907-6914.	6.5	45
11	Mass spectrometry-based proteomic approaches to study pathogenic bacteria-host interactions. Protein and Cell, 2015, 6, 265-274.	11.0	40
12	Salmonella proteomics under oxidative stress reveals coordinated regulation of antioxidant defense with iron metabolism and bacterial virulence. Journal of Proteomics, 2017, 157, 52-58.	2.4	36
13	Acetylation of p53 Protein at Lysine 120 Up-regulates Apaf-1 Protein and Sensitizes the Mitochondrial Apoptotic Pathway. Journal of Biological Chemistry, 2016, 291, 7386-7395.	3.4	31
14	Identification of a Novel Salmonella Type III Effector by Quantitative Secretome Profiling. Molecular and Cellular Proteomics, 2017, 16, 2219-2228.	3.8	31
15	Quantitative Proteomics Charts the Landscape of *Salmonella* Carbon Metabolism within Host Epithelial Cells. Journal of Proteome Research, 2017, 16, 788-797.	3.7	27
16	A brain proteomic signature of incipient Alzheimer's disease in young *APOE* ε4 carriers identifies novel drug targets. Science Advances, 2021, 7, eabi8178.	10.3	23
17	Deep Profiling of Microgram-Scale Proteome by Tandem Mass Tag Mass Spectrometry. Journal of Proteome Research, 2021, 20, 337-345.	3.7	21
18	Deep Single-Cell-Type Proteome Profiling of Mouse Brain by Nonsurgical AAV-Mediated Proximity Labeling. Analytical Chemistry, 2022, 94, 5325-5334.	6.5	17

#	Article	IF	Citations
19	Legionella pneumophila regulates host cell motility by targeting Phldb2 with a 14-3-3Î¶-dependent protease effector. ELife, 2022, 11, .	6.0	15
20	Quantitative proteomic analysis of host epithelial cells infected by <i>Salmonella enterica</i> serovar Typhimurium. Proteomics, 2017, 17, 1700092.	2.2	14
21	High-Throughput Profiling of Proteome and Posttranslational Modifications by 16-Plex TMT Labeling and Mass Spectrometry. Methods in Molecular Biology, 2021, 2228, 205-224.	0.9	10
22	Global Profiling of Lysine Accessibility to Evaluate Protein Structure Changes in Alzheimerâ€™s Disease. Journal of the American Society for Mass Spectrometry, 2021, 32, 936-945.	2.8	10
23	A Proteomic View of Salmonella Typhimurium in Response to Phosphate Limitation. Proteomes, 2018, 6, 19.	3.5	9
24	Quantitative analysis of <i>Shigella flexneri</i> protein expression under acid stress. Proteomics, 2017, 17, 1600381.	2.2	5
25	Inside Front Cover: Inside Front Cover: Quantitative proteomic analysis of host epithelial cells infected by Salmonella enterica serovar Typhimurium. Proteomics, 2017, 17, 1770112.	2.2	0