

Miao-Hsia Lin

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

845
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1332
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteogenomics of Non-smoking Lung Cancer in East Asia Delineates Molecular Signatures of Pathogenesis and Progression. <i>Cell</i> , 2020, 182, 226-244.e17.	28.9	178
2	Widespread bacterial protein histidine phosphorylation revealed by mass spectrometry-based proteomics. <i>Nature Methods</i> , 2018, 15, 187-190.	19.0	140
3	Phosphoproteomics of <i>Klebsiella pneumoniae</i> NTUH-K2044 Reveals a Tight Link between Tyrosine Phosphorylation and Virulence. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2613-2623.	3.8	102
4	Defeating Major Contaminants in Fe ³⁺ - Immobilized Metal Ion Affinity Chromatography (IMAC) Phosphopeptide Enrichment. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1028-1034.	3.8	68
5	A Novel Exopolysaccharide from the Biofilm of <i>Thermus aquaticus</i> YT-1 Induces the Immune Response through Toll-like Receptor 2. <i>Journal of Biological Chemistry</i> , 2011, 286, 17736-17745.	3.4	60
6	Systematic profiling of the bacterial phosphoproteome reveals bacterium-specific features of phosphorylation. <i>Science Signaling</i> , 2015, 8, rs10.	3.6	49
7	Surfactant-assisted one-pot sample preparation for label-free single-cell proteomics. <i>Communications Biology</i> , 2021, 4, 265.	4.4	46
8	Phosphoproteomic Analysis of <i>Rhodospseudomonas palustris</i> Reveals the Role of Pyruvate Phosphate Dikinase Phosphorylation in Lipid Production. <i>Journal of Proteome Research</i> , 2012, 11, 5362-5375.	3.7	37
9	Inducing hair follicle neogenesis with secreted proteins enriched in embryonic skin. <i>Biomaterials</i> , 2018, 167, 121-131.	11.4	29
10	Gaining Confidence in the Elusive Histidine Phosphoproteome. <i>Analytical Chemistry</i> , 2019, 91, 5542-5547.	6.5	23
11	A New Tool to Reveal Bacterial Signaling Mechanisms in Antibiotic Treatment and Resistance. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2496-2507.	3.8	22
12	Phosphoproteomic Analysis Reveals the Effects of PilF Phosphorylation on Type IV Pilus and Biofilm Formation in <i>Thermus thermophilus</i> HB27. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2701-2713.	3.8	20
13	Flagellin FliC Phosphorylation Affects Type 2 Protease Secretion and Biofilm Dispersal in <i>Pseudomonas aeruginosa</i> PAO1. <i>PLoS ONE</i> , 2016, 11, e0164155.	2.5	17
14	In vitro genome editing rescues parkinsonism phenotypes in induced pluripotent stem cells-derived dopaminergic neurons carrying LRRK2 p.G2019S mutation. <i>Stem Cell Research and Therapy</i> , 2021, 12, 508.	5.5	16
15	Benchmarking differential expression, imputation and quantification methods for proteomics data. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	16
16	The Shp2-induced epithelial disorganization defect is reversed by HDAC6 inhibition independent of Cdc42. <i>Nature Communications</i> , 2016, 7, 10420.	12.8	6
17	DNA Demethylation by DNMT3A and DNMT3B in vitro and of Methylated Episomal DNA in Transiently Transfected Cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 1048-1061.	1.9	6
18	Comparative proteomics of <i>Helicobacter pylori</i> strains reveals geographical features rather than genomic variations. <i>Genes To Cells</i> , 2019, 24, 139-150.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Phosphoproteomics and Bioinformatics Analyses Reveal Key Roles of GSK-3 and AKAP4 in Mouse Sperm Capacitation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7283.	4.1	4