

Kuan-Ting Pan

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,607
citations

361413

20
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

3290
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of the histone methyltransferase EZH2 induces resistance to multiple drugs in acute myeloid leukemia. <i>Nature Medicine</i> , 2017, 23, 69-78.	30.7	192
2	A deep proteomics perspective on CRM1-mediated nuclear export and nucleocytoplasmic partitioning. <i>ELife</i> , 2015, 4, .	6.0	177
3	Disrupted alternative splicing for genes implicated in splicing and ciliogenesis causes PRPF31 retinitis pigmentosa. <i>Nature Communications</i> , 2018, 9, 4234.	12.8	158
4	Cysteine S-Nitrosylation Protects Protein-tyrosine Phosphatase 1B against Oxidation-induced Permanent Inactivation. <i>Journal of Biological Chemistry</i> , 2008, 283, 35265-35272.	3.4	135
5	Immobilized Metal Affinity Chromatography Revisited: pH/Acid Control toward High Selectivity in Phosphoproteomics. <i>Journal of Proteome Research</i> , 2008, 7, 4058-4069.	3.7	125
6	Mass Spectrometry-Based Quantitative Proteomics for Dissecting Multiplexed Redox Cysteine Modifications in Nitric Oxide-Protected Cardiomyocyte Under Hypoxia. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1365-1381.	5.4	82
7	A lysine-cysteine redox switch with an NOS bridge regulates enzyme function. <i>Nature</i> , 2021, 593, 460-464.	27.8	74
8	Hair cell synaptic dysfunction, auditory fatigue and thermal sensitivity in otoferlin Ile515Thr mutants. <i>EMBO Journal</i> , 2016, 35, 2519-2535.	7.8	70
9	Mucus sialylation determines intestinal host-commensal homeostasis. <i>Cell</i> , 2022, 185, 1172-1188.e28.	28.9	66
10	DEN1 deneddylates non-cullin proteins in vivo. <i>Journal of Cell Science</i> , 2008, 121, 3218-3223.	2.0	53
11	A streamlined pipeline for multiplexed quantitative site-specific N-glycoproteomics. <i>Nature Communications</i> , 2020, 11, 5268.	12.8	46
12	Elucidation of tonic and activated B-cell receptor signaling in Burkitt's lymphoma provides insights into regulation of cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5688-5693.	7.1	44
13	The vascular bone marrow niche influences outcome in chronic myeloid leukemia <i>via</i> the E-selectin - SCL/TAL1 - CD44 axis. <i>Haematologica</i> , 2020, 105, 136-147.	3.5	44
14	Comparative proteomics reveals a diagnostic signature for pulmonary head-and-neck cancer metastasis. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	41
15	Adapting Data-Independent Acquisition for Mass Spectrometry-Based Protein Site-Specific N-Glycosylation Analysis. <i>Analytical Chemistry</i> , 2017, 89, 4532-4539.	6.5	34
16	Rewiring of B cell receptor signaling by Epstein-Barr virus LMP2A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26318-26327.	7.1	32
17	Nitrite-Mediated S-Nitrosylation of Caspase-3 Prevents Hypoxia-Induced Endothelial Barrier Dysfunction. <i>Circulation Research</i> , 2011, 109, 1375-1386.	4.5	31
18	Proteasomal degradation of the intrinsically disordered protein tau at single-residue resolution. <i>Science Advances</i> , 2020, 6, eaba3916.	10.3	31

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19	Integrated analysis of relapsed B-cell precursor Acute Lymphoblastic Leukemia identifies subtype-specific cytokine and metabolic signatures. <i>Scientific Reports</i> , 2019, 9, 4188.	3.3	23
20	Endogenous Stochastic Decoding of the CUG Codon by Competing Ser- and Leu-tRNAs in <i>Ascoidea asiatica</i> . <i>Current Biology</i> , 2018, 28, 2046-2057.e5.	3.9	22
21	Tyrosine Phosphoproteomics and Identification of Substrates of Protein Tyrosine Phosphatase dPTP61F in <i>Drosophila</i> S2 Cells by Mass Spectrometry-Based Substrate Trapping Strategy. <i>Journal of Proteome Research</i> , 2008, 7, 1055-1066.	3.7	21
22	HSP90 promotes Burkitt lymphoma cell survival by maintaining tonic B-cell receptor signaling. <i>Blood</i> , 2017, 129, 598-608.	1.4	20
23	The RNA helicase Dbp7 promotes domain V/VI compaction and stabilization of inter-domain interactions during early 60S assembly. <i>Nature Communications</i> , 2021, 12, 6152.	12.8	19
24	Evaluation and Optimization of High-Field Asymmetric Waveform Ion-Mobility Spectrometry for Multiplexed Quantitative Site-Specific N-Glycoproteomics. <i>Analytical Chemistry</i> , 2021, 93, 8846-8855.	6.5	14
25	¹⁹ F Electron-Nuclear Double Resonance Reveals Interaction between Redox-Active Tyrosines across the $\hat{I}\pm/\hat{I}^2$ Interface of <i>E. coli</i> Ribonucleotide Reductase. <i>Journal of the American Chemical Society</i> , 2022, 144, 11270-11282.	13.7	12
26	Protein Phosphorylation in Depolarized Synaptosomes: Dissecting Primary Effects of Calcium from Synaptic Vesicle Cycling. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100061.	3.8	11
27	Functional characterization of the human Cdk10/Cyclin Q complex. <i>Open Biology</i> , 2022, 12, 210381.	3.6	10
28	Strategies for Proteome-Wide Quantification of Glycosylation Macro- and Micro-Heterogeneity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1609.	4.1	9
29	Relative Quantification of Phosphorylated and Glycosylated Peptides from the Same Sample Using Isobaric Chemical Labelling with a Two-Step Enrichment Strategy. <i>Methods in Molecular Biology</i> , 2021, 2228, 185-203.	0.9	5
30	Quantitative Analysis of the Cardiac Phosphoproteome in Response to Acute \hat{I}^2 -Adrenergic Receptor Stimulation In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12584.	4.1	4
31	The Vascular Bone Marrow Niche Influences Outcome in Chronic Myeloid Leukemia. <i>Blood</i> , 2018, 132, 3846-3846.	1.4	2