

Piliang Hao

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

882
citations

840119

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713013

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docs citations

22
times ranked

1237
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Synthesis of Minimalist Terminal Alkyne-Containing Diazirine Photo-Crosslinkers and Their Incorporation into Kinase Inhibitors for Cell- and Tissue-Based Proteome Profiling. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8551-8556.	7.2	281
2	A proximity-tagging system to identify membrane protein-protein interactions. <i>Nature Methods</i> , 2018, 15, 715-722.	9.0	148
3	Novel Application of Electrostatic Repulsion-Hydrophilic Interaction Chromatography (ERLIC) in Shotgun Proteomics: Comprehensive Profiling of Rat Kidney Proteome. <i>Journal of Proteome Research</i> , 2010, 9, 3520-3526.	1.8	84
4	Tetrazole-Based Probes for Integrated Phenotypic Screening, Affinity-Based Proteome Profiling, and Sensitive Detection of a Cancer Biomarker. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15044-15048.	7.2	82
5	Evaluation of the Effect of Trypsin Digestion Buffers on Artificial Deamidation. <i>Journal of Proteome Research</i> , 2015, 14, 1308-1314.	1.8	46
6	Cell- and Tissue-Based Proteome Profiling and Dual Imaging of Apoptosis Markers with Probes Derived from Venetoclax and Idasanutlin. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9284-9289.	7.2	34
7	Impact of Expressing Cells on Glycosylation and Glycan of the SARS-CoV-2 Spike Glycoprotein. <i>ACS Omega</i> , 2021, 6, 15988-15999.	1.6	32
8	Competitive affinity-based proteome profiling and imaging to reveal potential cellular targets of betulinic acid. <i>Chemical Communications</i> , 2017, 53, 9620-9623.	2.2	26
9	Minimalist linkers suitable for irreversible inhibitors in simultaneous proteome profiling, live-cell imaging and drug screening. <i>Chemical Communications</i> , 2019, 55, 834-837.	2.2	22
10	Affinity-Based Protein Profiling Reveals Cellular Targets of Photoreactive Anticancer Inhibitors. <i>ACS Chemical Biology</i> , 2019, 14, 2546-2552.	1.6	20
11	Mass Spectrometry-Based Analysis of Serum N-Glycosylation Changes in Patients with Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1719-1726.	1.7	18
12	Protein tyrosine phosphatase receptor type R (PTPRR) antagonizes the Wnt signaling pathway in ovarian cancer by dephosphorylating and inactivating β -catenin. <i>Journal of Biological Chemistry</i> , 2019, 294, 18306-18323.	1.6	15
13	Probing Protein-Protein Interactions with Label-Free Mass Spectrometry Quantification in Combination with Affinity Purification by Spin-Tip Affinity Columns. <i>Analytical Chemistry</i> , 2020, 92, 3913-3922.	3.2	13
14	Improvement of Peptide Separation for Exploring the Missing Proteins Localized on Membranes. <i>Journal of Proteome Research</i> , 2018, 17, 4152-4159.	1.8	12
15	Evaluation and minimization of nonspecific tryptic cleavages in proteomic sample preparation. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8733.	0.7	10
16	Exploration of Missing Proteins by a Combination Approach to Enrich the Low-Abundance Hydrophobic Proteins from Four Cancer Cell Lines. <i>Journal of Proteome Research</i> , 2020, 19, 401-408.	1.8	9
17	Multiparameter Optimization of Two Common Proteomics Quantification Methods for Quantifying Low-Abundance Proteins. <i>Journal of Proteome Research</i> , 2019, 18, 461-468.	1.8	8
18	Aberrant Fucosylation of Saliva Glycoprotein Defining Lung Adenocarcinomas Malignancy. <i>ACS Omega</i> , 2022, 7, 17894-17906.	1.6	8

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19	Alternative Strategy To Explore Missing Proteins with Low Molecular Weight. Journal of Proteome Research, 2019, 18, 4180-4188.	1.8	7
20	D283 Med, a Cell Line Derived from Peritoneal Metastatic Medulloblastoma: A Good Choice for Missing Protein Discovery. Journal of Proteome Research, 2020, 19, 4857-4866.	1.8	5
21	Proteome-wide Identification of Off-Targets of a Potent EGFR ^{L858R/T790M} Mutant Inhibitor. ACS Medicinal Chemistry Letters, 2022, 13, 292-297.	1.3	2