

Rui Sun

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,194
citations

643344

15
h-index

685536

24
g-index

33
all docs

33
docs citations

33
times ranked

5009
citing authors

#	ARTICLE	IF	CITATIONS
1	A prostate cancer tissue specific spectral library for targeted proteomic analysis. <i>Proteomics</i> , 2022, 22, e2100147.	1.3	10
2	sRAGE alleviates SARS-CoV-2-induced pneumonia in hamster. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 36.	7.1	1
3	Proteomic characterization of Omicron SARS-CoV-2 host response. <i>Cell Discovery</i> , 2022, 8, 46.	3.1	8
4	Molecular Subgroups of Intrahepatic Cholangiocarcinoma Discovered by Single-Cell RNA Sequencing-Assisted Multiomics Analysis. <i>Cancer Immunology Research</i> , 2022, 10, 811-828.	1.6	21
5	PulseDIA: Data-Independent Acquisition Mass Spectrometry Using Multi-Injection Pulsed Gas-Phase Fractionation. <i>Journal of Proteome Research</i> , 2021, 20, 279-288.	1.8	37
6	BatchServer: A Web Server for Batch Effect Evaluation, Visualization, and Correction. <i>Journal of Proteome Research</i> , 2021, 20, 1079-1086.	1.8	10
7	Multi-organ proteomic landscape of COVID-19 autopsies. <i>Cell</i> , 2021, 184, 775-791.e14.	13.5	272
8	Computational Optimization of Spectral Library Size Improves DIA-MS Proteome Coverage and Applications to 15 Tumors. <i>Journal of Proteome Research</i> , 2021, 20, 5392-5401.	1.8	21
9	Novel deep learning radiomics model for preoperative evaluation of hepatocellular carcinoma differentiation based on computed tomography data. <i>Clinical and Translational Medicine</i> , 2021, 11, e570.	1.7	11
10	DPHL: A DIA Pan-human Protein Mass Spectrometry Library for Robust Biomarker Discovery. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 104-119.	3.0	51
11	Generating Proteomic Big Data for Precision Medicine. <i>Proteomics</i> , 2020, 20, 1900358.	1.3	7
12	Convergent network effects along the axis of gene expression during prostate cancer progression. <i>Genome Biology</i> , 2020, 21, 302.	3.8	17
13	Proteomic and Metabolomic Characterization of COVID-19 Patient Sera. <i>Cell</i> , 2020, 182, 59-72.e15.	13.5	1,137
14	Accelerated Protein Biomarker Discovery from FFPE Tissue Samples Using Single-Shot, Short Gradient Microflow SWATH MS. <i>Journal of Proteome Research</i> , 2020, 19, 2732-2741.	1.8	27
15	High-throughput proteomic analysis of FFPE tissue samples facilitates tumor stratification. <i>Molecular Oncology</i> , 2019, 13, 2305-2328.	2.1	100
16	Comparative analysis of mRNA and protein degradation in prostate tissues indicates high stability of proteins. <i>Nature Communications</i> , 2019, 10, 2524.	5.8	35
17	APOBEC3B interaction with PRC2 modulates microenvironment to promote HCC progression. <i>Gut</i> , 2019, 68, 1846-1857.	6.1	59
18	Schisandrin B prevents ulcerative colitis and colitis-associated-cancer by activating focal adhesion kinase and influence on gut microbiota in an in vivo and in vitro model. <i>European Journal of Pharmacology</i> , 2019, 854, 9-21.	1.7	27

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19	Chemoproteomics Reveals Unexpected Lysine/Arginine-Specific Cleavage of Peptide Chains as a Potential Protein Degradation Machinery. <i>Analytical Chemistry</i> , 2018, 90, 794-800.	3.2	8
20	Chemical proteomics reveals new targets of cysteine sulfinic acid reductase. <i>Nature Chemical Biology</i> , 2018, 14, 995-1004.	3.9	173
21	A Chemoproteomic Platform To Assess Bioactivation Potential of Drugs. <i>Chemical Research in Toxicology</i> , 2017, 30, 1797-1803.	1.7	9
22	Multiplexed Thiol Reactivity Profiling for Target Discovery of Electrophilic Natural Products. <i>Cell Chemical Biology</i> , 2017, 24, 1416-1427.e5.	2.5	43
23	Systematic and Quantitative Assessment of Hydrogen Peroxide Reactivity With Cysteines Across Human Proteomes. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1815-1828.	2.5	61
24	Chemoproteomics Reveals Chemical Diversity and Dynamics of 4-Oxo-2-nonenal Modifications in Cells. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1789-1800.	2.5	26