

# Weili Miao

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,196  
citations

430874

18  
h-index

434195

31  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel reaction monitoring revealed altered expression of a number of epitranscriptomic reader, writer, and eraser proteins accompanied with colorectal cancer metastasis. <i>Proteomics</i> , 2023, 23, e2200059.	2.2	7
2	Mass spectrometry for human kinome analysis. , 2022, , 191-216.		1
3	Targeted Profiling of Epitranscriptomic Reader, Writer, and Eraser Proteins Accompanied with Radioresistance in Breast Cancer Cells. <i>Analytical Chemistry</i> , 2022, 94, 1525-1530.	6.5	8
4	Quantitative proteomics revealed new functions of ALKBH4. <i>Proteomics</i> , 2022, 22, e2100231.	2.2	0
5	Targeted Proteomic Approaches for Proteome-Wide Characterizations of the AMP-Binding Capacities of Kinases. <i>Journal of Proteome Research</i> , 2022, 21, 2063-2070.	3.7	3
6	The surfaceome of multiple myeloma cells suggests potential immunotherapeutic strategies and protein markers of drug resistance. <i>Nature Communications</i> , 2022, 13, .	12.8	26
7	YY1 interacts with guanine quadruplexes to regulate DNA looping and gene expression. <i>Nature Chemical Biology</i> , 2021, 17, 161-168.	8.0	68
8	RNA-binding proteins contribute to small RNA loading in plant extracellular vesicles. <i>Nature Plants</i> , 2021, 7, 342-352.	9.3	153
9	easyCLIP analysis of RNA-protein interactions incorporating absolute quantification. <i>Nature Communications</i> , 2021, 12, 1569.	12.8	26
10	Targeted Proteomic Analysis Revealed Kinome Reprogramming during Acquisition of Radioresistance in Breast Cancer Cells. <i>Journal of Proteome Research</i> , 2021, 20, 2830-2838.	3.7	6
11	Modulation of N-terminal methyltransferase 1 by an N6-methyladenosine-based epitranscriptomic mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2021, 546, 54-58.	2.1	11
12	Quantitative Proteomic Analysis Revealed Broad Roles of <i>N</i> <sup>6</sup> -Methyladenosine in Heat Shock Response. <i>Journal of Proteome Research</i> , 2021, 20, 3611-3620.	3.7	4
13	SARS-CoV-2 B.1.1.7 and B.1.351 spike variants bind human ACE2 with increased affinity. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1070.	9.1	188
14	Proteome-Wide Characterizations of <i>N</i> <sup>6</sup> -Methyl-Adenosine Triphosphate- and <i>N</i> <sup>6</sup> -Furfuryl-Adenosine Triphosphate-Binding Capabilities of Kinases. <i>Analytical Chemistry</i> , 2021, 93, 13251-13259.	6.5	4
15	Targeting chaperon protein HSP70 as a novel therapeutic strategy for FLT3-ITD-positive acute myeloid leukemia. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 334.	17.1	6
16	The proximal proteome of 17 SARS-CoV-2 proteins links to disrupted antiviral signaling and host translation. <i>PLoS Pathogens</i> , 2021, 17, e1009412.	4.7	27
17	YTHDF2 Binds to 5-Methylcytosine in RNA and Modulates the Maturation of Ribosomal RNA. <i>Analytical Chemistry</i> , 2020, 92, 1346-1354.	6.5	50
18	Adenylate Kinase 4 Modulates the Resistance of Breast Cancer Cells to Tamoxifen through an m6A-Based Epitranscriptomic Mechanism. <i>Molecular Therapy</i> , 2020, 28, 2593-2604.	8.2	52

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19	Discovery of TBC1D7 as a Potential Driver for Melanoma Cell Invasion. <i>Proteomics</i> , 2020, 20, e1900347.	2.2	7
20	A Targeted Quantitative Proteomic Method Revealed a Substantial Reprogramming of Kinome during Melanoma Metastasis. <i>Scientific Reports</i> , 2020, 10, 2485.	3.3	5
21	HSP90 inhibitors stimulate DNAJB4 protein expression through a mechanism involving N6-methyladenosine. <i>Nature Communications</i> , 2019, 10, 3613.	12.8	24
22	SLIRP Interacts with Helicases to Facilitate 2â€²-O-Methylation of rRNA and to Promote Translation. <i>Journal of the American Chemical Society</i> , 2019, 141, 10958-10961.	13.7	6
23	Elevated Hexokinase II Expression Confers Acquired Resistance to 4-Hydroxytamoxifen in Breast Cancer Cells. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2273-2284.	3.8	35
24	High-Throughput Targeted Quantitative Analysis of the Interaction between HSP90 and Kinases. <i>Analytical Chemistry</i> , 2019, 91, 11507-11509.	6.5	6
25	Parallel-Reaction-Monitoring-Based Proteome-Wide Profiling of Differential Kinase Protein Expression during Prostate Cancer Metastasis in Vitro. <i>Analytical Chemistry</i> , 2019, 91, 9893-9900.	6.5	19
26	Quantitative Interrogation of the Human Kinome Perturbed by Two BRAF Inhibitors. <i>Journal of Proteome Research</i> , 2019, 18, 2624-2631.	3.7	12
27	Targeted Quantitative Kinome Analysis Identifies PRPS2 as a Promoter for Colorectal Cancer Metastasis. <i>Journal of Proteome Research</i> , 2019, 18, 2279-2286.	3.7	16
28	Dual regulation of Arabidopsis AGO2 by arginine methylation. <i>Nature Communications</i> , 2019, 10, 844.	12.8	23
29	Imatinib-Induced Changes in Protein Expression and ATP-Binding Affinities of Kinases in Chronic Myelocytic Leukemia Cells. <i>Analytical Chemistry</i> , 2019, 91, 3209-3214.	6.5	18
30	CPT1A/2-Mediated FAO Enhancementâ€™A Metabolic Target in Radioresistant Breast Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1201.	2.8	91
31	Targeted Profiling of Heat Shock Proteome in Radioresistant Breast Cancer Cells. <i>Chemical Research in Toxicology</i> , 2019, 32, 326-332.	3.3	14
32	Integrated Genomic and Proteomic Analyses Reveal Novel Mechanisms of the Methyltransferase SETD2 in Renal Cell Carcinoma Development. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 437-447.	3.8	22
33	A Targeted Proteomic Approach for Heat Shock Proteins Reveals DNAJB4 as a Suppressor for Melanoma Metastasis. <i>Analytical Chemistry</i> , 2018, 90, 6835-6842.	6.5	29
34	Identification of Helicase Proteins as Clients for HSP90. <i>Analytical Chemistry</i> , 2018, 90, 11751-11755.	6.5	16
35	Pyruvate kinase M2 regulates homologous recombination-mediated DNA double-strand break repair. <i>Cell Research</i> , 2018, 28, 1090-1102.	12.0	51
36	Discovery of 2-((3-Acrylamido-4-methylphenyl)amino)-N-(2-methyl-5-(3,4,5-trimethoxybenzamido)phenyl)-4-(methylamino)pyrimidine-5-carboxamide (CHMFL-BMX-078) as a Highly Potent and Selective Type II Irreversible Bone Marrow Kinase in the X Chromosome (BMX) Kinase Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1793-1816.	8.4	17

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37	Structure-activity relationship investigation for benzonaphthyridinone derivatives as novel potent Bruton's tyrosine kinase (BTK) irreversible inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 137, 545-557.	5.5	16
38	Arsenite Binds to the Zinc Finger Motif of TIP60 Histone Acetyltransferase and Induces Its Degradation via the 26S Proteasome. <i>Chemical Research in Toxicology</i> , 2017, 30, 1685-1693.	3.3	16
39	A High-Throughput Targeted Proteomic Approach for Comprehensive Profiling of Methylglyoxal-Induced Perturbations of the Human Kinome. <i>Analytical Chemistry</i> , 2016, 88, 9773-9779.	6.5	23
40	Fast solid-phase extraction of N-linked glycopeptides by amine-functionalized mesoporous silica nanoparticles. <i>Analyst</i> , 2016, 141, 2435-2440.	3.5	34
41	Precisely designed rattle-type $\text{mTiO}_2@\text{P}(\text{NIPAM-co-MBA})$ microspheres with screening gel network for highly selective extraction of phosphopeptides. <i>RSC Advances</i> , 2014, 4, 42957-42964.	3.6	4