

Weidong Zhou

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

832

citations

14

h-index

28

g-index

41

ext. papers

1,090

ext. citations

5.6

avg, IF

3.79

L-index

#	Paper	IF	Citations
38	Gasdermin D Exerts Anti-inflammatory Effects by Promoting Neutrophil Death. <i>Cell Reports</i> , 2018 , 22, 2924-2936	10.6	148
37	An initial characterization of the serum phosphoproteome. <i>Journal of Proteome Research</i> , 2009 , 8, 5523-316	3.6	76
36	Targeting the Warburg effect in cancer cells through ENO1 knockdown rescues oxidative phosphorylation and induces growth arrest. <i>Oncotarget</i> , 2016 , 7, 5598-612	3.3	74
35	Proteomic analysis reveals Warburg effect and anomalous metabolism of glutamine in pancreatic cancer cells. <i>Journal of Proteome Research</i> , 2012 , 11, 554-63	5.6	65
34	Mass spectrometry analysis of the post-translational modifications of alpha-enolase from pancreatic ductal adenocarcinoma cells. <i>Journal of Proteome Research</i> , 2010 , 9, 2929-36	5.6	58
33	Antiretroviral Drugs Alter the Content of Extracellular Vesicles from HIV-1-Infected Cells. <i>Scientific Reports</i> , 2018 , 8, 7653	4.9	43
32	Proteomic analysis of pancreatic ductal adenocarcinoma cells reveals metabolic alterations. <i>Journal of Proteome Research</i> , 2011 , 10, 1944-52	5.6	31
31	Proteins that mediate protein aggregation and cytotoxicity distinguish Alzheimer's hippocampus from normal controls. <i>Aging Cell</i> , 2016 , 15, 924-39	9.9	31
30	FABP7 is a key metabolic regulator in HER2+ breast cancer brain metastasis. <i>Oncogene</i> , 2019 , 38, 6445-6460	6.0	29
29	Positive Regulation of Interleukin-1 β Bioactivity by Physiological ROS-Mediated Cysteine S-Glutathionylation. <i>Cell Reports</i> , 2017 , 20, 224-235	10.6	28
28	Ebola Virus VP40 Modulates Cell Cycle and Biogenesis of Extracellular Vesicles. <i>Journal of Infectious Diseases</i> , 2018 , 218, S365-S387	7	28
27	Cancer metabolism and mass spectrometry-based proteomics. <i>Cancer Letters</i> , 2015 , 356, 176-83	9.9	25
26	Stem Cell Extracellular Vesicles and their Potential to Contribute to the Repair of Damaged CNS Cells. <i>Journal of NeuroImmune Pharmacology</i> , 2020 , 15, 520-537	6.9	16
25	Proteomic analysis of cerebrospinal fluid from children with central nervous system tumors identifies candidate proteins relating to tumor metastatic spread. <i>Oncotarget</i> , 2017 , 8, 46177-46190	3.3	15
24	Mass Spectrometry-Based Biomarker Discovery. <i>Methods in Molecular Biology</i> , 2017 , 1606, 297-311	1.4	14
23	The spectra count label-free quantitation in cancer proteomics. <i>Cancer Genomics and Proteomics</i> , 2012 , 9, 135-42	3.3	14
22	The Warburg Effect and Mass Spectrometry-based Proteomic Analysis. <i>Cancer Genomics and Proteomics</i> , 2017 , 14, 211-218	3.3	12

21	MS analysis reveals O-methylation of L-lactate dehydrogenase from pancreatic ductal adenocarcinoma cells. <i>Electrophoresis</i> , 2012 , 33, 1850-4	3.6	11
20	Extracellular vesicles from HTLV-1 infected cells modulate target cells and viral spread. <i>Retrovirology</i> , 2021 , 18, 6	3.6	10
19	Venezuelan Equine Encephalitis Virus nsP3 Phosphorylation Can Be Mediated by IKK Kinase Activity and Abrogation of Phosphorylation Inhibits Negative-Strand Synthesis. <i>Viruses</i> , 2020 , 12,	6.2	10
18	An Omics Approach to Extracellular Vesicles from HIV-1 Infected Cells. <i>Cells</i> , 2019 , 8,	7.9	9
17	Nitric oxide as a regulator of B. anthracis pathogenicity. <i>Frontiers in Microbiology</i> , 2015 , 6, 921	5.7	9
16	Whole proteome analysis of mouse lymph nodes in cutaneous anthrax. <i>PLoS ONE</i> , 2014 , 9, e110873	3.7	9
15	Cancer metabolism: what we can learn from proteomic analysis by mass spectrometry. <i>Cancer Genomics and Proteomics</i> , 2012 , 9, 373-81	3.3	9
14	Protein Phosphatase 1 Interacts with Venezuelan Equine Encephalitis Virus Capsid Protein and Regulates Viral Replication through Modulation of Capsid Phosphorylation. <i>Journal of Virology</i> , 2018 , 92,	6.6	9
13	Identification of novel candidate circulating biomarkers for malignant soft tissue sarcomas: Correlation with metastatic progression. <i>Proteomics</i> , 2016 , 16, 689-97	4.8	8
12	Dynamic Regulation of Caveolin-1 Phosphorylation and Caveolae Formation by Mammalian Target of Rapamycin Complex 2 in Bladder Cancer Cells. <i>American Journal of Pathology</i> , 2019 , 189, 1846-1862	5.8	7
11	Mass spectrometric analysis reveals O-methylation of pyruvate kinase from pancreatic cancer cells. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 4937-43	4.4	6
10	Shotgun proteomics coupled to nanoparticle-based biomarker enrichment reveals a novel panel of extracellular matrix proteins as candidate serum protein biomarkers for early-stage breast cancer detection. <i>Breast Cancer Research</i> , 2020 , 22, 135	8.3	6
9	An exploratory study examining how nano-liquid chromatography-mass spectrometry and phosphoproteomics can differentiate patients with advanced fibrosis and higher percentage collagen in non-alcoholic fatty liver disease. <i>BMC Medicine</i> , 2018 , 16, 170	11.4	5
8	Mass spectrometry-based biomarker discovery. <i>Methods in Molecular Biology</i> , 2012 , 823, 251-64	1.4	4
7	Proteomic Discovery of VEEV E2-Host Partner Interactions Identifies GRP78 Inhibitor HA15 as a Potential Therapeutic for Alphavirus Infections. <i>Pathogens</i> , 2021 , 10,	4.5	3
6	Evaluation of pathogen specific urinary peptides in tick-borne illnesses. <i>Scientific Reports</i> , 2020 , 10, 19340	4.9	2
5	Tumor-Draining Lymph Secretome En Route to the Regional Lymph Node in Breast Cancer Metastasis. <i>Breast Cancer: Targets and Therapy</i> , 2020 , 12, 57-67	3.9	2
4	Exosomes originating from infection with the cytoplasmic single-stranded RNA virus Rift Valley fever virus (RVFV) protect recipient cells by inducing RIG-I mediated IFN-β response that leads to activation of autophagy.. <i>Cell and Bioscience</i> , 2021 , 11, 220	9.8	0

- 3 Phosphoproteomic Analysis Identifies Dynamic Regulation of Caveolin-1 Phosphorylation and Caveolae Formation by mTORC2 in Bladder Cancer Cells. *FASEB Journal*, **2018**, 32, 660.4 0.9
- 2 Salivary proteomic profile of patients with renal cell carcinoma.. *Journal of Clinical Oncology*, **2020**, 38, 622-622 2.2
- 1 Use of magnetic nanotrap particles in capturing *Yersinia pestis* virulence factors, nucleic acids and bacteria. *Journal of Nanobiotechnology*, **2021**, 19, 186 9.4