Weidong Zhou

List of Publications by Year in Descending Order

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	Extracellular vesicles from HTLV-1 infected cells modulate target cells and viral spread. *Retrovirology*, **2021**, 18, 6	3.6	10
37	Proteomic Discovery of VEEV E2-Host Partner Interactions Identifies GRP78 Inhibitor HA15 as a Potential Therapeutic for Alphavirus Infections. *Pathogens*, **2021**, 10,	4.5	3
36	Use of magnetic nanotrap particles in capturing Yersinia pestis virulence factors, nucleic acids and bacteria. *Journal of Nanobiotechnology*, **2021**, 19, 186	9.4	
35	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-B response that leads to activation of autophagy.. *Cell and Bioscience*, **2021**, 11, 220	9.8	0
34	Evaluation of pathogen specific urinary peptides in tick-borne illnesses. *Scientific Reports*, **2020**, 10, 19340	4.9	2
33	Salivary proteomic profile of patients with renal cell carcinoma.. *Journal of Clinical Oncology*, **2020**, 38, 622-622	2.2	
32	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. *Breast Cancer Research*, **2020**, 22, 135	8.3	6
31	Venezuelan Equine Encephalitis Virus nsP3 Phosphorylation Can Be Mediated by IKK□Kinase Activity and Abrogation of Phosphorylation Inhibits Negative-Strand Synthesis. *Viruses*, **2020**, 12,	6.2	10
30	Stem Cell Extracellular Vesicles and their Potential to Contribute to the Repair of Damaged CNS Cells. *Journal of NeuroImmune Pharmacology*, **2020**, 15, 520-537	6.9	16
29	Tumor-Draining Lymph Secretome En Route to the Regional Lymph Node in Breast Cancer Metastasis. *Breast Cancer: Targets and Therapy*, **2020**, 12, 57-67	3.9	2
28	An Omics Approach to Extracellular Vesicles from HIV-1 Infected Cells. *Cells*, **2019**, 8,	7.9	9
27	FABP7 is a key metabolic regulator in HER2+ breast cancer brain metastasis. *Oncogene*, **2019**, 38, 6445-6460	9.2	29
26	Dynamic Regulation of Caveolin-1 Phosphorylation and Caveolae Formation by Mammalian Target of Rapamycin Complex 2 in Bladder Cancer Cells. *American Journal of Pathology*, **2019**, 189, 1846-1862	5.8	7
25	Gasdermin D Exerts Anti-inflammatory Effects by Promoting Neutrophil Death. *Cell Reports*, **2018**, 22, 2924-2936	10.6	148
24	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	
23	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. *BMC Medicine*, **2018**, 16, 170	11.4	5
22	Ebola Virus VP40 Modulates Cell Cycle and Biogenesis of Extracellular Vesicles. *Journal of Infectious Diseases*, **2018**, 218, S365-S387	7	28

21	Protein Phosphatase 1 Interacts with Venezuelan Equine Encephalitis Virus Capsid Protein and Regulates Viral Replication through Modulation of Capsid Phosphorylation. *Journal of Virology*, **2018**, 92,	6.6	9
20	Antiretroviral Drugs Alter the Content of Extracellular Vesicles from HIV-1-Infected Cells. *Scientific Reports*, **2018**, 8, 7653	4.9	43
19	Mass Spectrometry-Based Biomarker Discovery. *Methods in Molecular Biology*, **2017**, 1606, 297-311	1.4	14
18	Proteomic analysis of cerebrospinal fluid from children with central nervous system tumors identifies candidate proteins relating to tumor metastatic spread. *Oncotarget*, **2017**, 8, 46177-46190	3.3	15
17	Positive Regulation of Interleukin-1 Bioactivity by Physiological ROS-Mediated Cysteine S-Glutathionylation. *Cell Reports*, **2017**, 20, 224-235	10.6	28
16	The Warburg Effect and Mass Spectrometry-based Proteomic Analysis. *Cancer Genomics and Proteomics*, **2017**, 14, 211-218	3.3	12
15	Targeting the Warburg effect in cancer cells through ENO1 knockdown rescues oxidative phosphorylation and induces growth arrest. *Oncotarget*, **2016**, 7, 5598-612	3.3	74
14	Identification of novel candidate circulating biomarkers for malignant soft tissue sarcomas: Correlation with metastatic progression. *Proteomics*, **2016**, 16, 689-97	4.8	8
13	Proteins that mediate protein aggregation and cytotoxicity distinguish Alzheimer's hippocampus from normal controls. *Aging Cell*, **2016**, 15, 924-39	9.9	31
12	Cancer metabolism and mass spectrometry-based proteomics. *Cancer Letters*, **2015**, 356, 176-83	9.9	25
11	Nitric oxide as a regulator of B. anthracis pathogenicity. *Frontiers in Microbiology*, **2015**, 6, 921	5.7	9
10	Whole proteome analysis of mouse lymph nodes in cutaneous anthrax. *PLoS ONE*, **2014**, 9, e110873	3.7	9
9	Mass spectrometric analysis reveals O-methylation of pyruvate kinase from pancreatic cancer cells. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 4937-43	4.4	6
8	Proteomic analysis reveals Warburg effect and anomalous metabolism of glutamine in pancreatic cancer cells. *Journal of Proteome Research*, **2012**, 11, 554-63	5.6	65
7	MS analysis reveals O-methylation of L-lactate dehydrogenase from pancreatic ductal adenocarcinoma cells. *Electrophoresis*, **2012**, 33, 1850-4	3.6	11
6	The spectra count label-free quantitation in cancer proteomics. *Cancer Genomics and Proteomics*, **2012**, 9, 135-42	3.3	14
5	Cancer metabolism: what we can learn from proteomic analysis by mass spectrometry. *Cancer Genomics and Proteomics*, **2012**, 9, 373-81	3.3	9
4	Mass spectrometry-based biomarker discovery. *Methods in Molecular Biology*, **2012**, 823, 251-64	1.4	4

3	Proteomic analysis of pancreatic ductal adenocarcinoma cells reveals metabolic alterations. *Journal of Proteome Research*, **2011**, 10, 1944-52	5.6	31
2	Mass spectrometry analysis of the post-translational modifications of alpha-enolase from pancreatic ductal adenocarcinoma cells. *Journal of Proteome Research*, **2010**, 9, 2929-36	5.6	58
1	An initial characterization of the serum phosphoproteome. *Journal of Proteome Research*, **2009**, 8, 5523-31	5.6	76