

Weidong Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,285
citations

516681

16
h-index

377849

34
g-index

41
all docs

41
docs citations

41
times ranked

2400
citing authors

#	ARTICLE	IF	CITATIONS
1	Gasdermin D Exerts Anti-inflammatory Effects by Promoting Neutrophil Death. <i>Cell Reports</i> , 2018, 22, 2924-2936.	6.4	296
2	Targeting the Warburg effect in cancer cells through ENO1 knockdown rescues oxidative phosphorylation and induces growth arrest. <i>Oncotarget</i> , 2016, 7, 5598-5612.	1.8	118
3	An Initial Characterization of the Serum Phosphoproteome. <i>Journal of Proteome Research</i> , 2009, 8, 5523-5531.	3.7	86
4	Proteomic Analysis Reveals Warburg Effect and Anomalous Metabolism of Glutamine in Pancreatic Cancer Cells. <i>Journal of Proteome Research</i> , 2012, 11, 554-563.	3.7	81
5	Mass Spectrometry Analysis of the Post-Translational Modifications of $\hat{1}\pm$ -Enolase from Pancreatic Ductal Adenocarcinoma Cells. <i>Journal of Proteome Research</i> , 2010, 9, 2929-2936.	3.7	66
6	Antiretroviral Drugs Alter the Content of Extracellular Vesicles from HIV-1-Infected Cells. <i>Scientific Reports</i> , 2018, 8, 7653.	3.3	58
7	FABP7 is a key metabolic regulator in HER2+ breast cancer brain metastasis. <i>Oncogene</i> , 2019, 38, 6445-6460.	5.9	56
8	Proteins that mediate protein aggregation and cytotoxicity distinguish Alzheimer's hippocampus from normal controls. <i>Aging Cell</i> , 2016, 15, 924-939.	6.7	54
9	Proteomic Analysis of Pancreatic Ductal Adenocarcinoma Cells Reveals Metabolic Alterations. <i>Journal of Proteome Research</i> , 2011, 10, 1944-1952.	3.7	46
10	Ebola Virus VP40 Modulates Cell Cycle and Biogenesis of Extracellular Vesicles. <i>Journal of Infectious Diseases</i> , 2018, 218, S365-S387.	4.0	40
11	Positive Regulation of Interleukin-1 $\hat{2}$ Bioactivity by Physiological ROS-Mediated Cysteine S-Glutathionylation. <i>Cell Reports</i> , 2017, 20, 224-235.	6.4	35
12	Cancer metabolism and mass spectrometry-based proteomics. <i>Cancer Letters</i> , 2015, 356, 176-183.	7.2	27
13	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.	1.8	24
14	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.	4.1	24
15	Mass Spectrometry-Based Biomarker Discovery. <i>Methods in Molecular Biology</i> , 2017, 1606, 297-311.	0.9	22
16	Extracellular vesicles from HTLV-1 infected cells modulate target cells and viral spread. <i>Retrovirology</i> , 2021, 18, 6.	2.0	20
17	Venezuelan Equine Encephalitis Virus nsP3 Phosphorylation Can Be Mediated by IKK $\hat{2}$ Kinase Activity and Abrogation of Phosphorylation Inhibits Negative-Strand Synthesis. <i>Viruses</i> , 2020, 12, 1021.	3.3	16
18	An Omics Approach to Extracellular Vesicles from HIV-1 Infected Cells. <i>Cells</i> , 2019, 8, 787.	4.1	15

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19	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.	5.0	14
20	The spectra count label-free quantitation in cancer proteomics. <i>Cancer Genomics and Proteomics</i> , 2012, 9, 135-42.	2.0	14
21	Protein Phosphatase 1 \pm Interacts with Venezuelan Equine Encephalitis Virus Capsid Protein and Regulates Viral Replication through Modulation of Capsid Phosphorylation. <i>Journal of Virology</i> , 2018, 92, .	3.4	13
22	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.	3.8	13
23	Cannabinoids Reduce Extracellular Vesicle Release from HIV-1 Infected Myeloid Cells and Inhibit Viral Transcription. <i>Cells</i> , 2022, 11, 723.	4.1	13
24	Nitric oxide as a regulator of <i>B. anthracis</i> pathogenicity. <i>Frontiers in Microbiology</i> , 2015, 6, 921.	3.5	12
25	The Warburg Effect and Mass Spectrometry-based Proteomic Analysis. <i>Cancer Genomics and Proteomics</i> , 2017, 14, 211-218.	2.0	12
26	MS analysis reveals O-methylation of lactate dehydrogenase from pancreatic ductal adenocarcinoma cells. <i>Electrophoresis</i> , 2012, 33, 1850-1854.	2.4	11
27	Identification of novel candidate circulating biomarkers for malignant soft tissue sarcomas: Correlation with metastatic progression. <i>Proteomics</i> , 2016, 16, 689-697.	2.2	10
28	Mass Spectrometry-Based Biomarker Discovery. <i>Methods in Molecular Biology</i> , 2012, 823, 251-264.	0.9	10
29	Whole Proteome Analysis of Mouse Lymph Nodes in Cutaneous Anthrax. <i>PLoS ONE</i> , 2014, 9, e110873.	2.5	10
30	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. <i>Cell and Bioscience</i> , 2021, 11, 220.	4.8	10
31	Cancer metabolism: what we can learn from proteomic analysis by mass spectrometry. <i>Cancer Genomics and Proteomics</i> , 2012, 9, 373-81.	2.0	9
32	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.	5.5	8
33	Evaluation of pathogen specific urinary peptides in tick-borne illnesses. <i>Scientific Reports</i> , 2020, 10, 19340.	3.3	8
34	Proteomic Discovery of VEEV E2-Host Partner Interactions Identifies GRP78 Inhibitor HA15 as a Potential Therapeutic for Alphavirus Infections. <i>Pathogens</i> , 2021, 10, 283.	2.8	8
35	Inhibitors of Venezuelan Equine Encephalitis Virus Identified Based on Host Interaction Partners of Viral Non-Structural Protein 3. <i>Viruses</i> , 2021, 13, 1533.	3.3	8
36	Mass spectrometric analysis reveals O-methylation of pyruvate kinase from pancreatic cancer cells. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4937-4943.	3.7	6

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37	<p>Tumor-Draining Lymph Secretome En Route to the Regional Lymph Node in Breast Cancer Metastasis</p>. Breast Cancer: Targets and Therapy, 2020, Volume 12, 57-67.	1.8	4
38	Use of magnetic nanotrap particles in capturing Yersinia pestis virulence factors, nucleic acids and bacteria. Journal of Nanobiotechnology, 2021, 19, 186.	9.1	2
39	Salivary proteomic profile of patients with renal cell carcinoma.. Journal of Clinical Oncology, 2020, 38, 622-622.	1.6	1
40	Phosphoproteomic Analysis Identifies Dynamic Regulation of Caveolinâ€1 Phosphorylation and Caveolae Formation by mTORC2 in Bladder Cancer Cells. FASEB Journal, 2018, 32, 660.4.	0.5	0