

Dawang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

4,695
citations

147566

31
h-index

233125

45
g-index

46
all docs

46
docs citations

46
times ranked

7053
citing authors

#	ARTICLE	IF	CITATIONS
1	Mst1 and Mst2 Maintain Hepatocyte Quiescence and Suppress Hepatocellular Carcinoma Development through Inactivation of the Yap1 Oncogene. <i>Cancer Cell</i> , 2009, 16, 425-438.	7.7	809
2	Tom20 senses iron-activated ROS signaling to promote melanoma cell pyroptosis. <i>Cell Research</i> , 2018, 28, 1171-1185.	5.7	360
3	Pharmacological targeting of kinases MST1 and MST2 augments tissue repair and regeneration. <i>Science Translational Medicine</i> , 2016, 8, 352ra108.	5.8	271
4	Kinases Mst1 and Mst2 positively regulate phagocytic induction of reactive oxygen species and bactericidal activity. <i>Nature Immunology</i> , 2015, 16, 1142-1152.	7.0	218
5	Protein kinases of the Hippo pathway: Regulation and substrates. <i>Seminars in Cell and Developmental Biology</i> , 2012, 23, 770-784.	2.3	207
6	RIP3 targets pyruvate dehydrogenase complex to increase aerobic respiration in TNF-induced necroptosis. <i>Nature Cell Biology</i> , 2018, 20, 186-197.	4.6	188
7	The transcriptional coactivator TAZ regulates reciprocal differentiation of TH17 cells and Treg cells. <i>Nature Immunology</i> , 2017, 18, 800-812.	7.0	165
8	Macrophage achieves self-protection against oxidative stress-induced ageing through the Mst-Nrf2 axis. <i>Nature Communications</i> , 2019, 10, 755.	5.8	150
9	The metabolite β -KG induces GSDMC-dependent pyroptosis through death receptor 6-activated caspase-8. <i>Cell Research</i> , 2021, 31, 980-997.	5.7	148
10	The Mst1 and Mst2 kinases control activation of rho family GTPases and thymic egress of mature thymocytes. <i>Journal of Experimental Medicine</i> , 2012, 209, 741-759.	4.2	146
11	The Nore1B/Mst1 complex restrains antigen receptor-induced proliferation of naive T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20321-20326.	3.3	135
12	Integration of Hippo signalling and the unfolded protein response to restrain liver overgrowth and tumorigenesis. <i>Nature Communications</i> , 2015, 6, 6239.	5.8	129
13	Glycogen accumulation and phase separation drives liver tumor initiation. <i>Cell</i> , 2021, 184, 5559-5576.e19.	13.5	126
14	Hippo Signaling Suppresses Cell Ploidy and Tumorigenesis through Skp2. <i>Cancer Cell</i> , 2017, 31, 669-684.e7.	7.7	123
15	Ectosomal PKM2 Promotes HCC by Inducing Macrophage Differentiation and Remodeling the Tumor Microenvironment. <i>Molecular Cell</i> , 2020, 78, 1192-1206.e10.	4.5	122
16	SET1A-Mediated Mono-Methylation at K342 Regulates YAP Activation by Blocking Its Nuclear Export and Promotes Tumorigenesis. <i>Cancer Cell</i> , 2018, 34, 103-118.e9.	7.7	114
17	A Mycobacterium tuberculosis surface protein recruits ubiquitin to trigger host xenophagy. <i>Nature Communications</i> , 2019, 10, 1973.	5.8	113
18	The Ets Transcription Factor GABP Is a Component of the Hippo Pathway Essential for Growth and Antioxidant Defense. <i>Cell Reports</i> , 2013, 3, 1663-1677.	2.9	109

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19	Role of the transcriptional coactivators YAP/TAZ in liver cancer. <i>Current Opinion in Cell Biology</i> , 2019, 61, 64-71.	2.6	95
20	TLR4 signalling via Piezo1 engages and enhances the macrophage mediated host response during bacterial infection. <i>Nature Communications</i> , 2021, 12, 3519.	5.8	89
21	A miR-130a-YAP positive feedback loop promotes organ size and tumorigenesis. <i>Cell Research</i> , 2015, 25, 997-1012.	5.7	84
22	Multifunctional Nanohybrid Based on Porous Silicon Nanoparticles, Gold Nanoparticles, and Acetalated Dextran for Liver Regeneration and Acute Liver Failure Theranostics. <i>Advanced Materials</i> , 2018, 30, e1703393.	11.1	80
23	Role of Hippo signaling in regulating immunity. <i>Cellular and Molecular Immunology</i> , 2018, 15, 1003-1009.	4.8	78
24	Mst1 and Mst2 kinases: regulations and diseases. <i>Cell and Bioscience</i> , 2013, 3, 31.	2.1	77
25	FGF15 Activates Hippo Signaling to Suppress Bile Acid Metabolism and Liver Tumorigenesis. <i>Developmental Cell</i> , 2019, 48, 460-474.e9.	3.1	68
26	Impeded Nedd4-1-Mediated Ras Degradation Underlies Ras-Driven Tumorigenesis. <i>Cell Reports</i> , 2014, 7, 871-882.	2.9	66
27	The kinases NDR1/2 act downstream of the Hippo homolog MST1 to mediate both egress of thymocytes from the thymus and lymphocyte motility. <i>Science Signaling</i> , 2015, 8, ra100.	1.6	63
28	Pd nanosheets with their surface coordinated by 125 I as a high-performance theranostic nanoagent for orthotopic hepatocellular carcinoma imaging and cancer therapy. <i>Chemical Science</i> , 2018, 9, 4268-4274.	3.7	48
29	The Hippo signaling pathway in liver regeneration and tumorigenesis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 46-52.	0.9	45
30	ATR/Chk1 signaling induces autophagy through sumoylated RhoB-mediated lysosomal translocation of TSC2 after DNA damage. <i>Nature Communications</i> , 2018, 9, 4139.	5.8	44
31	WWC proteins mediate LATS1/2 activation by Hippo kinases and imply a tumor suppression strategy. <i>Molecular Cell</i> , 2022, 82, 1850-1864.e7.	4.5	35
32	Phosphorylation of a Tyrosine in the Amyloid- β Protein Precursor Intracellular Domain Inhibits Fe65 Binding and Signaling. <i>Journal of Alzheimer's Disease</i> , 2009, 16, 301-307.	1.2	32
33	OTUD7B Deubiquitinates LSD1 to Govern Its Binding Partner Specificity, Homeostasis, and Breast Cancer Metastasis. <i>Advanced Science</i> , 2021, 8, e2004504.	5.6	27
34	Targeting BRK-Positive Breast Cancers with Small-Molecule Kinase Inhibitors. <i>Cancer Research</i> , 2017, 77, 175-186.	0.4	22
35	Neddylation contributes to CD4+ T cell-mediated protective immunity against blood-stage Plasmodium infection. <i>PLoS Pathogens</i> , 2018, 14, e1007440.	2.1	22
36	FUNDC2 promotes liver tumorigenesis by inhibiting MFN1-mediated mitochondrial fusion. <i>Nature Communications</i> , 2022, 13, .	5.8	19

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37	The Hippo Signaling Pathway in Regenerative Medicine. <i>Methods in Molecular Biology</i> , 2019, 1893, 353-370.	0.4	16
38	The Mst1 Kinase Is Required for Follicular B Cell Homing and B-1 B Cell Development. <i>Frontiers in Immunology</i> , 2018, 9, 2393.	2.2	13
39	Pharmacological Targeting of Vacuolar H ⁺ -ATPase via Subunit V1G Combats Multidrug-Resistant Cancer. <i>Cell Chemical Biology</i> , 2020, 27, 1359-1370.e8.	2.5	13
40	A new ALK inhibitor overcomes resistance to first- and second-generation inhibitors in NSCLC. <i>EMBO Molecular Medicine</i> , 2022, 14, e14296.	3.3	9
41	Identification of serum metabolites enhancing inflammatory responses in COVID-19. <i>Science China Life Sciences</i> , 2022, 65, 1971-1984.	2.3	6
42	Nanohybrids: Multifunctional Nanohybrid Based on Porous Silicon Nanoparticles, Gold Nanoparticles, and Acetalated Dextran for Liver Regeneration and Acute Liver Failure Theranostics (<i>Adv. Mater.</i> 24/2018). <i>Advanced Materials</i> , 2018, 30, 1870168.	11.1	4
43	Diversity in function and regulation of the Hippo pathway. <i>Cell and Bioscience</i> , 2013, 3, 34.	2.1	1
44	XMU's 100 Anniversary Special Issue. <i>Small Methods</i> , 2021, 5, e2100164.	4.6	0