

Dawang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

4,695
citations

147801

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docs citations

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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. | 16.8 | 809 |
| 2 | Tom20 senses iron-activated ROS signaling to promote melanoma cell pyroptosis. <i>Cell Research</i> , 2018, 28, 1171-1185. | 12.0 | 360 |
| 3 | Pharmacological targeting of kinases MST1 and MST2 augments tissue repair and regeneration. <i>Science Translational Medicine</i> , 2016, 8, 352ra108. | 12.4 | 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. | 14.5 | 218 |
| 5 | Protein kinases of the Hippo pathway: Regulation and substrates. <i>Seminars in Cell and Developmental Biology</i> , 2012, 23, 770-784. | 5.0 | 207 |
| 6 | RIP3 targets pyruvate dehydrogenase complex to increase aerobic respiration in TNF-induced necroptosis. <i>Nature Cell Biology</i> , 2018, 20, 186-197. | 10.3 | 188 |
| 7 | The transcriptional coactivator TAZ regulates reciprocal differentiation of TH17 cells and Treg cells. <i>Nature Immunology</i> , 2017, 18, 800-812. | 14.5 | 165 |
| 8 | Macrophage achieves self-protection against oxidative stress-induced ageing through the Mst-Nrf2 axis. <i>Nature Communications</i> , 2019, 10, 755. | 12.8 | 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. | 12.0 | 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. | 8.5 | 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. | 7.1 | 135 |
| 12 | Integration of Hippo signalling and the unfolded protein response to restrain liver overgrowth and tumorigenesis. <i>Nature Communications</i> , 2015, 6, 6239. | 12.8 | 129 |
| 13 | Glycogen accumulation and phase separation drives liver tumor initiation. <i>Cell</i> , 2021, 184, 5559-5576.e19. | 28.9 | 126 |
| 14 | Hippo Signaling Suppresses Cell Ploidy and Tumorigenesis through Skp2. <i>Cancer Cell</i> , 2017, 31, 669-684.e7. | 16.8 | 123 |
| 15 | Ectosomal PKM2 Promotes HCC by Inducing Macrophage Differentiation and Remodeling the Tumor Microenvironment. <i>Molecular Cell</i> , 2020, 78, 1192-1206.e10. | 9.7 | 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. | 16.8 | 114 |
| 17 | A Mycobacterium tuberculosis surface protein recruits ubiquitin to trigger host xenophagy. <i>Nature Communications</i> , 2019, 10, 1973. | 12.8 | 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. | 6.4 | 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. | 5.4 | 95 |
| 20 | TLR4 signalling via Piezo1 engages and enhances the macrophage mediated host response during bacterial infection. <i>Nature Communications</i> , 2021, 12, 3519. | 12.8 | 89 |
| 21 | A miR-130a-YAP positive feedback loop promotes organ size and tumorigenesis. <i>Cell Research</i> , 2015, 25, 997-1012. | 12.0 | 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. | 21.0 | 80 |
| 23 | Role of Hippo signaling in regulating immunity. <i>Cellular and Molecular Immunology</i> , 2018, 15, 1003-1009. | 10.5 | 78 |
| 24 | Mst1 and Mst2 kinases: regulations and diseases. <i>Cell and Bioscience</i> , 2013, 3, 31. | 4.8 | 77 |
| 25 | FGF15 Activates Hippo Signaling to Suppress Bile Acid Metabolism and Liver Tumorigenesis. <i>Developmental Cell</i> , 2019, 48, 460-474.e9. | 7.0 | 68 |
| 26 | Impeded Nedd4-1-Mediated Ras Degradation Underlies Ras-Driven Tumorigenesis. <i>Cell Reports</i> , 2014, 7, 871-882. | 6.4 | 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. | 3.6 | 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. | 7.4 | 48 |
| 29 | The Hippo signaling pathway in liver regeneration and tumorigenesis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 46-52. | 2.0 | 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. | 12.8 | 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. | 9.7 | 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. | 2.6 | 32 |
| 33 | OTUD7B Deubiquitinates LSD1 to Govern Its Binding Partner Specificity, Homeostasis, and Breast Cancer Metastasis. <i>Advanced Science</i> , 2021, 8, e2004504. | 11.2 | 27 |
| 34 | Targeting BRK-Positive Breast Cancers with Small-Molecule Kinase Inhibitors. <i>Cancer Research</i> , 2017, 77, 175-186. | 0.9 | 22 |
| 35 | Neddylation contributes to CD4+ T cell-mediated protective immunity against blood-stage Plasmodium infection. <i>PLoS Pathogens</i> , 2018, 14, e1007440. | 4.7 | 22 |
| 36 | FUNDC2 promotes liver tumorigenesis by inhibiting MFN1-mediated mitochondrial fusion. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 19 |

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|----|---|------|-----------|
| 37 | The Hippo Signaling Pathway in Regenerative Medicine. <i>Methods in Molecular Biology</i> , 2019, 1893, 353-370. | 0.9 | 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. | 4.8 | 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. | 5.2 | 13 |
| 40 | A new ALK inhibitor overcomes resistance to first- and second-generation inhibitors in NSCLC. <i>EMBO Molecular Medicine</i> , 2022, 14, e14296. | 6.9 | 9 |
| 41 | Identification of serum metabolites enhancing inflammatory responses in COVID-19. <i>Science China Life Sciences</i> , 2022, 65, 1971-1984. | 4.9 | 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. | 21.0 | 4 |
| 43 | Diversity in function and regulation of the Hippo pathway. <i>Cell and Bioscience</i> , 2013, 3, 34. | 4.8 | 1 |
| 44 | XMU's 100 Anniversary Special Issue. <i>Small Methods</i> , 2021, 5, e2100164. | 8.6 | 0 |