

Yu Jiang

List of Publications by Year in descending order

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54
papers

2,283
citations

186209

28
h-index

233338

45
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all docs

56
docs citations

56
times ranked

4131
citing authors

#	ARTICLE	IF	CITATIONS
1	Tor proteins and protein phosphatase 2A reciprocally regulate Tap42 in controlling cell growth in yeast. <i>EMBO Journal</i> , 1999, 18, 2782-2792.	3.5	315
2	Exosomes as potential sources of biomarkers in colorectal cancer. <i>Cancer Letters</i> , 2020, 476, 13-22.	3.2	124
3	Osteoblasts secrete Cxcl9 to regulate angiogenesis in bone. <i>Nature Communications</i> , 2016, 7, 13885.	5.8	103
4	Rapamycin activates Tap42-associated phosphatases by abrogating their association with Tor complex 1. <i>EMBO Journal</i> , 2006, 25, 3546-3555.	3.5	101
5	mTORC1 regulates PTHrP to coordinate chondrocyte growth, proliferation and differentiation. <i>Nature Communications</i> , 2016, 7, 11151.	5.8	92
6	Regulation of the Cell Cycle by Protein Phosphatase 2A in <i>Saccharomyces cerevisiae</i> . <i>Microbiology and Molecular Biology Reviews</i> , 2006, 70, 440-449.	2.9	75
7	FK506-Binding Proteins and Their Diverse Functions. <i>Current Molecular Pharmacology</i> , 2015, 9, 48-65.	0.7	73
8	Sec24 phosphorylation regulates autophagosome abundance during nutrient deprivation. <i>ELife</i> , 2016, 5, .	2.8	73
9	mTOR Inhibitors at a Glance. <i>Molecular and Cellular Pharmacology</i> , 2015, 7, 15-20.	1.7	73
10	The TOR Complex 1 Is a Direct Target of Rho1 GTPase. <i>Molecular Cell</i> , 2012, 45, 743-753.	4.5	70
11	Intra-articular Delivery of Antago-miR-483-5p Inhibits Osteoarthritis by Modulating Matrilin 3 and Tissue Inhibitor of Metalloproteinase 2. <i>Molecular Therapy</i> , 2017, 25, 715-727.	3.7	70
12	ATF4 Regulates CD4+ T Cell Immune Responses through Metabolic Reprogramming. <i>Cell Reports</i> , 2018, 23, 1754-1766.	2.9	69
13	Ypt1/Rab1 regulates Hrr25/CK1 γ kinase activity in ER-Golgi traffic and macroautophagy. <i>Journal of Cell Biology</i> , 2015, 210, 273-285.	2.3	63
14	mTORC1 promotes aging-related venous thrombosis in mice via elevation of platelet volume and activation. <i>Blood</i> , 2016, 128, 615-624.	0.6	61
15	Positive-Feedback Regulation of Subchondral H-Type Vessel Formation by Chondrocyte Promotes Osteoarthritis Development in Mice. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 909-920.	3.1	60
16	Production of bioethanol and xylitol from non-detoxified corn cob via a two-stage fermentation strategy. <i>Bioresource Technology</i> , 2020, 310, 123427.	4.8	51
17	Proximal tubule apical endocytosis is modulated by fluid shear stress via an mTOR-dependent pathway. <i>Molecular Biology of the Cell</i> , 2017, 28, 2508-2517.	0.9	50
18	Tyrosine kinase Fyn promotes osteoarthritis by activating the β -catenin pathway. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, annrhumdis-2017-212658.	0.5	48

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19	Nek7 Protects Telomeres from Oxidative DNA Damage by Phosphorylation and Stabilization of TRF1. <i>Molecular Cell</i> , 2017, 65, 818-831.e5.	4.5	44
20	General Control Nonderepressible 2 (GCN2) Kinase Inhibits Target of Rapamycin Complex 1 in Response to Amino Acid Starvation in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2017, 292, 2660-2669.	1.6	42
21	Chemical inhibition of FBXO7 reduces inflammation and confers neuroprotection by stabilizing the mitochondrial kinase PINK1. <i>JCI Insight</i> , 2020, 5, .	2.3	40
22	The Yeast Phosphotyrosyl Phosphatase Activator Is Part of the Tap42-Phosphatase Complexes. <i>Molecular Biology of the Cell</i> , 2005, 16, 2119-2127.	0.9	38
23	Colonic epithelial mTORC1 promotes ulcerative colitis through COX-2-mediated Th17 responses. <i>Mucosal Immunology</i> , 2018, 11, 1663-1673.	2.7	38
24	Activation of mTORC1 in B Lymphocytes Promotes Osteoclast Formation via Regulation of β -Catenin and RANKL/OPG. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1320-1333.	3.1	36
25	TBC1D9B functions as a GTPase-activating protein for Rab11a in polarized MDCK cells. <i>Molecular Biology of the Cell</i> , 2014, 25, 3779-3797.	0.9	33
26	mTORC2 promotes cell survival through c-Myc-dependent up-regulation of E2F1. <i>Journal of Cell Biology</i> , 2015, 211, 105-122.	2.3	33
27	Tumor Suppressor Folliculin Regulates mTORC1 through Primary Cilia. <i>Journal of Biological Chemistry</i> , 2016, 291, 11689-11697.	1.6	33
28	Osteoblasts support megakaryopoiesis through production of interleukin-9. <i>Blood</i> , 2017, 129, 3196-3209.	0.6	31
29	The production of ethanol from lignocellulosic biomass by <i>Kluyveromyces marxianus</i> CICC 1727-5 and <i>Spathaspora passalidarum</i> ATCC MYA-4345. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 2845-2855.	1.7	31
30	nm23 regulates decidualization through the PI3K-Akt-mTOR signaling pathways in mice and humans. <i>Human Reproduction</i> , 2016, 31, 2339-2351.	0.4	30
31	Metformin: A Potential Candidate for Targeting Aging Mechanisms. , 2021, 12, 480.		30
32	TSC1 regulates osteoclast podosome organization and bone resorption through mTORC1 and Rac1/Cdc42. <i>Cell Death and Differentiation</i> , 2018, 25, 1549-1566.	5.0	24
33	Neuronal mTORC1 Is Required for Maintaining the Nonreactive State of Astrocytes. <i>Journal of Biological Chemistry</i> , 2017, 292, 100-111.	1.6	20
34	Vangl2 limits chaperone-mediated autophagy to balance osteogenic differentiation in mesenchymal stem cells. <i>Developmental Cell</i> , 2021, 56, 2103-2120.e9.	3.1	20
35	Advances in Biological Function and Clinical Application of Small Extracellular Vesicle Membrane Proteins. <i>Frontiers in Oncology</i> , 2021, 11, 675940.	1.3	19
36	Reciprocal Regulation between Primary Cilia and mTORC1. <i>Genes</i> , 2020, 11, 711.	1.0	17

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37	A Fbxo48 inhibitor prevents pAMPK $\hat{\pm}$ degradation and ameliorates insulin resistance. <i>Nature Chemical Biology</i> , 2021, 17, 298-306.	3.9	16
38	Rheb1 loss leads to increased hematopoietic stem cell proliferation and myeloid-biased differentiation <i>in vivo</i> . <i>Haematologica</i> , 2019, 104, 245-255.	1.7	15
39	Interaction of TBC1D9B with Mammalian ATG8 Homologues Regulates Autophagic Flux. <i>Scientific Reports</i> , 2018, 8, 13496.	1.6	14
40	TOR under stress: Targeting TORC1 by Rho1 GTPase. <i>Cell Cycle</i> , 2012, 11, 3384-3388.	1.3	13
41	Synergistic effect of thioredoxin and its reductase from <i>Kluyveromyces marxianus</i> on enhanced tolerance to multiple lignocellulose-derived inhibitors. <i>Microbial Cell Factories</i> , 2017, 16, 181.	1.9	13
42	Inactivation of mTORC1 Signaling in Osterix-Expressing Cells Impairs B-cell Differentiation. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 732-742.	3.1	13
43	Retrograde trafficking of VMAT2 and its role in protein stability in non-neuronal cells. <i>Journal of Biomedical Research</i> , 2016, 30, 502-509.	0.7	11
44	Ubiquitin regulates TORC1 in yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2016, 100, 303-314.	1.2	9
45	Regulation of TORC1 by ubiquitin through non-covalent binding. <i>Current Genetics</i> , 2016, 62, 553-555.	0.8	9
46	Target of rapamycin complex 1 and Tap42-associated phosphatases are required for sensing changes in nitrogen conditions in the yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2017, 106, 938-948.	1.2	8
47	Targeting mTOR Signaling in Type 2 Diabetes Mellitus and Diabetes Complications. <i>Current Drug Targets</i> , 2022, 23, 692-710.	1.0	7
48	Tsc1 regulates tight junction independent of mTORC1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	6
49	Ginsenoside Rg3 Promotes Cell Growth Through Activation of mTORC1. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 730309.	1.8	6
50	Ciliary localization of folliculin mediated via a kinesin-binding motif is required for its functions in mTOR regulation and tumor suppression. <i>FEBS Letters</i> , 2021, 595, 123-132.	1.3	4
51	Comparison of the Variability of Small Extracellular Vesicles Derived from Human Liver Cancer Tissues and Cultured from the Tissue Explants Based on a Simple Enrichment Method. <i>Stem Cell Reviews and Reports</i> , 2021, , 1.	1.7	4
52	Cigarette smoking is a secondary cause of folliculin loss. <i>Thorax</i> , 2023, 78, 402-408.	2.7	3
53	Abnormal expression of Rab27B in prostatic epithelial cells of benign prostatic hyperplasia alters intercellular communication. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 131, 105898.	1.2	1
54	Analysis of the mTOR Interactome using SILAC technology revealed NICE-4 as a novel regulator of mTORC1 activity. <i>Life Sciences</i> , 2021, 281, 119745.	2.0	1