

Jianling Xie

List of Publications by Year in descending order

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52
papers

2,084
citations

236833

25
h-index

243529

44
g-index

75
all docs

75
docs citations

75
times ranked

4124
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular signalling of the receptor for advanced glycation end products (RAGE). <i>Cellular Signalling</i> , 2013, 25, 2185-2197.	1.7	410
2	mTOR inhibitors in cancer therapy. <i>F1000Research</i> , 2016, 5, 2078.	0.8	228
3	Eukaryotic Elongation Factor 2 Kinase Activity Is Controlled by Multiple Inputs from Oncogenic Signaling. <i>Molecular and Cellular Biology</i> , 2014, 34, 4088-4103.	1.1	84
4	Crosstalk between mTOR complexes. <i>Nature Cell Biology</i> , 2013, 15, 1263-1265.	4.6	77
5	Rapamycin toxicity in MIN6 cells and rat and human islets is mediated by the inhibition of mTOR complex 2 (mTORC2). <i>Diabetologia</i> , 2012, 55, 1355-1365.	2.9	64
6	Trends in advanced glycation end products research in diabetes mellitus and its complications. <i>Molecular and Cellular Biochemistry</i> , 2010, 341, 33-41.	1.4	62
7	Regulation of the Elongation Phase of Protein Synthesis Enhances Translation Accuracy and Modulates Lifespan. <i>Current Biology</i> , 2019, 29, 737-749.e5.	1.8	60
8	The role of mammalian target of rapamycin (mTOR) in the regulation of pancreatic β -cell mass: implications in the development of type-2 diabetes. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1289-1304.	2.4	58
9	The MAP kinase-interacting kinases regulate cell migration, vimentin expression and eIF4E/CYFIP1 binding. <i>Biochemical Journal</i> , 2015, 467, 63-76.	1.7	58
10	cAMP inhibits mammalian target of rapamycin complex-1 and -2 (mTORC1 and 2) by promoting complex dissociation and inhibiting mTOR kinase activity. <i>Cellular Signalling</i> , 2011, 23, 1927-1935.	1.7	56
11	mTORC1 Plays an Important Role in Skeletal Development by Controlling Preosteoblast Differentiation. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	51
12	mTORC1 signalling and eIF4E/4E-BP1 translation initiation factor stoichiometry influence recombinant protein productivity from GS-CHOK1 cells. <i>Biochemical Journal</i> , 2016, 473, 4651-4664.	1.7	49
13	Eukaryotic Elongation Factor 2 Kinase (eEF2K) in Cancer. <i>Cancers</i> , 2017, 9, 162.	1.7	49
14	Identification of cAMP-Dependent Kinase as a Third in Vivo Ribosomal Protein S6 Kinase in Pancreatic β -Cells. <i>Journal of Molecular Biology</i> , 2009, 389, 480-494.	2.0	47
15	Transcriptional and metabolic rewiring of colorectal cancer cells expressing the oncogenic KRASG13D mutation. <i>British Journal of Cancer</i> , 2019, 121, 37-50.	2.9	41
16	Signaling crosstalk between the mTOR complexes. <i>Translation</i> , 2014, 2, e28174.	2.9	40
17	Eukaryotic elongation factor 2 kinase promotes angiogenesis in hepatocellular carcinoma via PI3K/Akt and STAT3. <i>International Journal of Cancer</i> , 2020, 146, 1383-1395.	2.3	40
18	Molecular Mechanism for the Control of Eukaryotic Elongation Factor 2 Kinase by pH: Role in Cancer Cell Survival. <i>Molecular and Cellular Biology</i> , 2015, 35, 1805-1824.	1.1	39

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19	Cambogin Induces Caspase-Independent Apoptosis through the ROS/JNK Pathway and Epigenetic Regulation in Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1738-1749.	1.9	37
20	Elongation factor 2 kinase promotes cell survival by inhibiting protein synthesis without inducing autophagy. <i>Cellular Signalling</i> , 2016, 28, 284-293.	1.7	36
21	Guttiferone K suppresses cell motility and metastasis of hepatocellular carcinoma by restoring aberrantly reduced profilin 1. <i>Oncotarget</i> , 2016, 7, 56650-56663.	0.8	35
22	Eukaryotic elongation factor 2 kinase upregulates the expression of proteins implicated in cell migration and cancer cell metastasis. <i>International Journal of Cancer</i> , 2018, 142, 1865-1877.	2.3	32
23	Molecular susceptibility to glycation and its implication in diabetes mellitus and related diseases. <i>Molecular and Cellular Biochemistry</i> , 2010, 344, 185-193.	1.4	31
24	The composition of the gut microbiota following early-life antibiotic exposure affects host health and longevity in later life. <i>Cell Reports</i> , 2021, 36, 109564.	2.9	31
25	The MAP kinase-interacting kinases (MNKs) as targets in oncology. <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 187-199.	1.5	30
26	Who does TORC2 talk to?. <i>Biochemical Journal</i> , 2018, 475, 1721-1738.	1.7	29
27	Design, synthesis and activity of Mnk1 and Mnk2 selective inhibitors containing thieno[2,3-d]pyrimidine scaffold. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 735-751.	2.6	28
28	Exendin-4 stimulates islet cell replication via the IGF1 receptor activation of mTORC1/S6K1. <i>Journal of Molecular Endocrinology</i> , 2014, 53, 105-115.	1.1	25
29	eEF2K enhances expression of PD-L1 by promoting the translation of its mRNA. <i>Biochemical Journal</i> , 2020, 477, 4367-4381.	1.7	25
30	The eEF2 kinase-induced STAT3 inactivation inhibits lung cancer cell proliferation by phosphorylation of PKM2. <i>Cell Communication and Signaling</i> , 2020, 18, 25.	2.7	23
31	The gene for the lysosomal protein LAMP3 is a direct target of the transcription factor ATF4. <i>Journal of Biological Chemistry</i> , 2020, 295, 7418-7430.	1.6	20
32	A novel fluorescent probe reveals starvation controls the commitment of amyloid precursor protein to the lysosome. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1554-1565.	1.9	19
33	Regulated stability of eukaryotic elongation factor 2 kinase requires intrinsic but not ongoing activity. <i>Biochemical Journal</i> , 2015, 467, 321-331.	1.7	18
34	Quantitative Non-canonical Amino Acid Tagging (QuaNCAT) Proteomics Identifies Distinct Patterns of Protein Synthesis Rapidly Induced by Hypertrophic Agents in Cardiomyocytes, Revealing New Aspects of Metabolic Remodeling. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 3170-3189.	2.5	18
35	Cambogin exerts anti-proliferative and pro-apoptotic effects on breast adenocarcinoma through the induction of NADPH oxidase 1 and the alteration of mitochondrial morphology and dynamics. <i>Oncotarget</i> , 2016, 7, 50596-50611.	0.8	18
36	Characterization of p75 neurotrophin receptor expression in human dental pulp stem cells. <i>International Journal of Developmental Neuroscience</i> , 2016, 53, 90-98.	0.7	17

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37	A feedback loop between the androgen receptor and 6-phosphogluconate dehydrogenase (6PGD) drives prostate cancer growth. <i>ELife</i> , 2021, 10, .	2.8	16
38	Ablation of elongation factor 2 kinase enhances heat-shock protein 90 chaperone expression and protects cells under proteotoxic stress. <i>Journal of Biological Chemistry</i> , 2019, 294, 7169-7176.	1.6	14
39	Reciprocal signaling between mTORC1 and MNK2 controls cell growth and oncogenesis. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 249-270.	2.4	14
40	Regulation of mRNA Translation by Hormone Receptors in Breast and Prostate Cancer. <i>Cancers</i> , 2021, 13, 3254.	1.7	10
41	The prohibitin-binding compound fluorizoline affects multiple components of the translational machinery and inhibits protein synthesis. <i>Journal of Biological Chemistry</i> , 2020, 295, 9855-9867.	1.6	9
42	The Lifeact-EGFP mouse is a translationally controlled fluorescent reporter of T cell activation. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	9
43	MAPK-interacting kinase 2 (MNK2) regulates adipocyte metabolism independently of its catalytic activity. <i>Biochemical Journal</i> , 2020, 477, 2735-2754.	1.7	6
44	Bicuculline regulated protein synthesis is dependent on Homer1 and promotes its interaction with eEF2K through mTORC1-dependent phosphorylation. <i>Journal of Neurochemistry</i> , 2021, 157, 1086-1101.	2.1	5
45	TSC-insensitive Rheb mutations induce oncogenic transformation through a combination of constitutively active mTORC1 signalling and proteome remodelling. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4035-4052.	2.4	5
46	Da-Chai-Hu-Tang Protects From Acute Intrahepatic Cholestasis by Inhibiting Hepatic Inflammation and Bile Accumulation via Activation of PPAR α . <i>Frontiers in Pharmacology</i> , 2022, 13, 847483.	1.6	4
47	Cyclosporin A but not FK506 activates the integrated stress response in human cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 15134-15143.	1.6	3
48	Eukaryotic elongation factor 2 kinase regulates foam cell formation via translation of CD36. <i>FASEB Journal</i> , 2022, 36, e22154.	0.2	3
49	Constitutively active Rheb mutants [T23M] and [E40K] drive increased production and secretion of recombinant protein in Chinese hamster ovary cells. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2422-2434.	1.7	1
50	mTOR Signaling Pathways. , 2021, , 1-7.		0
51	Regulation mTOR and its Substrates. , 2021, , 614-630.		0
52	mTOR Signaling Pathways. , 2021, , 1010-1016.		0