

Zhi-Xiong Jim Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,745
citations

236925

25
h-index

197818

49
g-index

60
all docs

60
docs citations

60
times ranked

3986
citing authors

#	ARTICLE	IF	CITATIONS
1	CB-Dock: a web server for cavity detection-guided protein-ligand blind docking. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 138-144.	6.1	377
2	MDM2 Promotes Proteasome-Dependent Ubiquitin-Independent Degradation of Retinoblastoma Protein. <i>Molecular Cell</i> , 2005, 20, 699-708.	9.7	239
3	CB-Dock2: improved protein-ligand blind docking by integrating cavity detection, docking and homologous template fitting. <i>Nucleic Acids Research</i> , 2022, 50, W159-W164.	14.5	219
4	Insulin-like growth factor-1 regulates the SIRT1-p53 pathway in cellular senescence. <i>Aging Cell</i> , 2014, 13, 669-678.	6.7	146
5	Vitamin D Signaling through Induction of Paneth Cell Defensins Maintains Gut Microbiota and Improves Metabolic Disorders and Hepatic Steatosis in Animal Models. <i>Frontiers in Physiology</i> , 2016, 7, 498.	2.8	142
6	Deubiquitylase OTUD3 regulates PTEN stability and suppresses tumorigenesis. <i>Nature Cell Biology</i> , 2015, 17, 1169-1181.	10.3	135
7	Histone methyltransferase SETDB1 regulates liver cancer cell growth through methylation of p53. <i>Nature Communications</i> , 2015, 6, 8651.	12.8	134
8	p53 Degradation by a Coronavirus Papain-like Protease Suppresses Type I Interferon Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 3172-3182.	3.4	98
9	Role of p63 in Development, Tumorigenesis and Cancer Progression. <i>Cancer Microenvironment</i> , 2012, 5, 311-322.	3.1	85
10	A double dealing tale of p63: an oncogene or a tumor suppressor. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 965-973.	5.4	71
11	The Central Acidic Domain of MDM2 Is Critical in Inhibition of Retinoblastoma-mediated Suppression of E2F and Cell Growth. <i>Journal of Biological Chemistry</i> , 2004, 279, 53317-53322.	3.4	69
12	p63 is a common inhibitory target in oncogenic PI3K/Ras/Her2-induced cell motility and tumor metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3964-E3973.	7.1	54
13	Retinoblastoma protein complexes with C/EBP proteins and activates C/EBP-mediated transcription. <i>Journal of Cellular Biochemistry</i> , 2001, 83, 414-425.	2.6	45
14	Transcriptional suppression of AMPK1 promotes breast cancer metastasis upon oncogene activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8013-8021.	7.1	45
15	DNA-Binding and Transactivation Activities Are Essential for TAp63 Protein Degradation. <i>Molecular and Cellular Biology</i> , 2005, 25, 6154-6164.	2.3	42
16	Regulation of p63 Protein Stability via Ubiquitin-Proteasome Pathway. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	40
17	Metagenomic profiling of gut microbial communities in both wild and artificially reared Bar-headed goose (<i>Anser indicus</i>). <i>MicrobiologyOpen</i> , 2017, 6, e00429.	3.0	39
18	Cyclin K regulates prereplicative complex assembly to promote mammalian cell proliferation. <i>Nature Communications</i> , 2018, 9, 1876.	12.8	38

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19	FitDock: protein–ligand docking by template fitting. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	38
20	HER2 Upregulates ATF4 to Promote Cell Migration via Activation of ZEB1 and Downregulation of E-Cadherin. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2223.	4.1	35
21	Effect of radiotherapy on the survival of cervical cancer patients. <i>Medicine (United States)</i> , 2019, 98, e16421.	1.0	33
22	Role of p53 Family Proteins in Metformin Anti-Cancer Activities. <i>Journal of Cancer</i> , 2019, 10, 2434-2442.	2.5	32
23	Metformin Promotes AMP-activated Protein Kinase-independent Suppression of β -Tubulin Protein Expression and Inhibits Cancer Cell Viability. <i>Journal of Biological Chemistry</i> , 2017, 292, 5253-5261.	3.4	30
24	Hippo kinases regulate cell junctions to inhibit tumor metastasis in response to oxidative stress. <i>Redox Biology</i> , 2019, 26, 101233.	9.0	30
25	IGF-1 activates p21 to inhibit UV-induced cell death. <i>Oncogene</i> , 2003, 22, 1703-1711.	5.9	29
26	AbRSA: A robust tool for antibody numbering. <i>Protein Science</i> , 2019, 28, 1524-1531.	7.6	29
27	FBXL2 counteracts Grp94 to destabilize EGFR and inhibit EGFR-driven NSCLC growth. <i>Nature Communications</i> , 2021, 12, 5919.	12.8	29
28	p53 and p73 Regulate Apoptosis but Not Cell-Cycle Progression in Mouse Embryonic Stem Cells upon DNA Damage and Differentiation. <i>Stem Cell Reports</i> , 2016, 7, 1087-1098.	4.8	28
29	β -Tubulin down-regulates c-Myc modulator MM1 via E3 ligase HERC3 in the regulation of cell senescence. <i>Cell Death and Differentiation</i> , 2018, 25, 2118-2129.	11.2	26
30	The Deubiquitinase USP4 Stabilizes Twist1 Protein to Promote Lung Cancer Cell Stemness. <i>Cancers</i> , 2020, 12, 1582.	3.7	26
31	Primordial Dwarfism Gene Maintains Lin28 Expression to Safeguard Embryonic Stem Cells from Premature Differentiation. <i>Cell Reports</i> , 2014, 7, 735-746.	6.4	24
32	Cationic Polystyrene Resolves Nonalcoholic Steatohepatitis, Obesity, and Metabolic Disorders by Promoting Eubiosis of Gut Microbiota and Decreasing Endotoxemia. <i>Diabetes</i> , 2017, 66, 2137-2143.	0.6	24
33	Cathepsin H–Mediated Degradation of HDAC4 for Matrix Metalloproteinase Expression in Hepatic Stellate Cells. <i>American Journal of Pathology</i> , 2017, 187, 781-797.	3.8	23
34	p53-R273H upregulates neuropilin-2 to promote cell mobility and tumor metastasis. <i>Cell Death and Disease</i> , 2017, 8, e2995-e2995.	6.3	22
35	A Distinct Expression Pattern of Cyclin K in Mammalian Testes Suggests a Functional Role in Spermatogenesis. <i>PLoS ONE</i> , 2014, 9, e101539.	2.5	19
36	Metformin Sensitizes Leukemia Cells to Vincristine via Activation of AMP-activated Protein Kinase. <i>Journal of Cancer</i> , 2017, 8, 2636-2642.	2.5	19

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37	TAp63 is a transcriptional target of NF- κ B. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 702-710.	2.6	18
38	Noncanonical TGF- β 2 signaling leads to FBXO3-mediated degradation of p63 promoting breast cancer metastasis and poor clinical prognosis. <i>PLoS Biology</i> , 2021, 19, e3001113.	5.6	17
39	p63 modulates c-Myc activity via direct interaction and regulation of MM1 protein stability. <i>Oncotarget</i> , 2016, 7, 44277-44287.	1.8	16
40	Hotspot mutant p53-R273H inhibits KLF6 expression to promote cell migration and tumor metastasis. <i>Cell Death and Disease</i> , 2020, 11, 595.	6.3	15
41	Rapamycin Inhibits IGF-1-Mediated Up-Regulation of MDM2 and Sensitizes Cancer Cells to Chemotherapy. <i>PLoS ONE</i> , 2013, 8, e63179.	2.5	14
42	p63 modulates phosphorylation of p38 MAP kinase in regulation of cell cycle progression and cell growth. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 784-789.	2.1	14
43	A systematic analysis of miRNA markers and classification algorithms for forensic body fluid identification. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	13
44	MethCNA: a database for integrating genomic and epigenomic data in human cancer. <i>BMC Genomics</i> , 2018, 19, 138.	2.8	12
45	Inhibition of Cdc42 is essential for Mig-6 suppression of cell migration induced by EGF. <i>Oncotarget</i> , 2016, 7, 49180-49193.	1.8	12
46	DrugDevCovid19: An Atlas of Anti-COVID-19 Compounds Derived by Computer-Aided Drug Design. <i>Molecules</i> , 2022, 27, 683.	3.8	11
47	Hepatitis B Virus X Protein (HBx) Suppresses Transcription Factor EB (TFEB) Resulting in Stabilization of Integrin Beta 1 (ITGB1) in Hepatocellular Carcinoma Cells. <i>Cancers</i> , 2021, 13, 1181.	3.7	10
48	MDM2/MDMX: Master negative regulators for p53 and RB. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1106635.	0.7	9
49	CancerTracer: a curated database for inpatient tumor heterogeneity. <i>Nucleic Acids Research</i> , 2019, 48, D797-D806.	14.5	9
50	Nutlin-3 down-regulates retinoblastoma protein expression and inhibits muscle cell differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 293-299.	2.1	8
51	p53 Protects Cells from Death at the Heatstroke Threshold Temperature. <i>Cell Reports</i> , 2019, 29, 3693-3707.e5.	6.4	8
52	LigMate: A Multifeature Integration Algorithm for Ligand-Similarity-Based Virtual Screening. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 6044-6053.	5.4	8
53	The Hsp70 Bag3 complex modulates the phosphorylation and nuclear translocation of Hippo pathway protein Yap. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	7
54	Transcriptome-based drug repositioning identifies TPCA1 as a potential selective inhibitor of esophagus squamous carcinoma cell viability. <i>International Journal of Molecular Medicine</i> , 2022, 49, .	4.0	7

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55	Integrin α 1-Mediated Cell-Cell Adhesion Augments Metformin-Induced Anoikis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1161.	4.1	6
56	E47 upregulates α 6 β 1 to promote growth of squamous cell carcinoma. <i>Cell Death and Disease</i> , 2021, 12, 381.	6.3	6
57	Vanadate disrupts mammary gland development in whole organ culture. <i>Developmental Dynamics</i> , 2001, 222, 354-367.	1.8	5
58	TGF- β 1 Facilitates α 6 β 1 Protein Lysosomal Degradation to Promote Pancreatic Cancer Cell Migration. <i>Biology</i> , 2021, 10, 597.	2.8	5
59	Targeting of α 6 β 1 by miR-522 promotes the migration of breast epithelial cells. <i>FEBS Open Bio</i> , 2021, 11, 468-481.	2.3	1