Jiajun Zhu

List of Publications by Year
in descending order

19	4,961	567281 15	839539 18
papers	citations	h-index	g-index

20	20	20	7983
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of Mitochondria in Ferroptosis. Molecular Cell, 2019, 73, 354-363.e3.	9.7	1,050
2	Cytoplasmic chromatin triggers inflammation in senescence and cancer. Nature, 2017, 550, 402-406.	27.8	851
3	Metabolic regulation of cell growth and proliferation. Nature Reviews Molecular Cell Biology, 2019, 20, 436-450.	37.0	577
4	Autophagy mediates degradation of nuclear lamina. Nature, 2015, 527, 105-109.	27.8	510
5	Oncogenic activation of PI3K-AKT-mTOR signaling suppresses ferroptosis via SREBP-mediated lipogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31189-31197.	7.1	423
6	Gain-of-function p53 mutants co-opt chromatin pathways to drive cancer growth. Nature, 2015, 525, 206-211.	27.8	386
7	The hallmarks of cancer metabolism: Still emerging. Cell Metabolism, 2022, 34, 355-377.	16.2	386
8	Transsulfuration Activity Can Support Cell Growth upon Extracellular Cysteine Limitation. Cell Metabolism, 2019, 30, 865-876.e5.	16.2	155
9	Prevalence of mutations in a panel of breast cancer susceptibility genes in BRCA1/2-negative patients with early-onset breast cancer. Genetics in Medicine, 2015, 17, 630-638.	2.4	128
10	MLL1 is essential for the senescence-associated secretory phenotype. Genes and Development, 2016, 30, 321-336.	5.9	121
11	Proline biosynthesis is a vent for TGFÎ²â€induced mitochondrial redox stress. EMBO Journal, 2020, 39, e103334.	7.8	98
12	TP53 engagement with the genome occurs in distinct local chromatin environments via pioneer factor activity. Genome Research, 2015, 25, 179-188.	5.5	95
13	Mitotic Stress Is an Integral Part of the Oncogene-Induced Senescence Program that Promotes Multinucleation and Cell Cycle Arrest. Cell Reports, 2015, 12, 1483-1496.	6.4	67
14	Mitochondrial NADP(H) generation is essential for proline biosynthesis. Science, 2021, 372, 968-972.	12.6	66
15	Lysine methylation represses p53 activity in teratocarcinoma cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9822-9827.	7.1	36
16	Less invasive surfactant administration versus endotracheal surfactant instillation followed by limited peak pressure ventilation in preterm infants with respiratory distress syndrome in China: study protocol for a randomized controlled trial. Trials, 2020, 21, 516.	1.6	5
17	A Chromatin-Focused siRNA Screen for Regulators of p53-Dependent Transcription. G3: Genes, Genomes, Genetics, 2016, 6, 2671-2678.	1.8	4
18	Total serum bilirubin level in umbilical cord blood and respiratory distress syndrome in very low birth weight infants. Journal of Perinatal Medicine, 2012, 40, 91-5.	1.4	3

#	Article	IF	Citations
19	87: Mutant p53 Can Drive Cancer Initiation and Progression Through Gain-of-Function Properties. American Journal of Clinical Pathology, 2015, 143, A050-A050.	0.7	0