

Zhang Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

873
citations

840119

11
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell fate decision mediated by p53 pulses. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12245-12250.	3.3	211
2	High-Content Quantification of Single-Cell Immune Dynamics. Cell Reports, 2016, 15, 411-422.	2.9	117
3	Distinct single-cell signaling characteristics are conferred by the MyD88 and TRIF pathways during TLR4 activation. Science Signaling, 2015, 8, ra69.	1.6	103
4	Single-cell chromatin accessibility identifies pancreatic islet cell type-specific and state-specific regulatory programs of diabetes risk. Nature Genetics, 2021, 53, 455-466.	9.4	100
5	Network dynamics determine the autocrine and paracrine signaling functions of TNF. Genes and Development, 2014, 28, 2120-2133.	2.7	79
6	Gene Regulatory Strategies that Decode the Duration of NF- κ B Dynamics Contribute to LPS- versus TNF-Specific Gene Expression. Cell Systems, 2020, 10, 169-182.e5.	2.9	53
7	Activation of NF- κ B and p300/CBP potentiates cancer chemoimmunotherapy through induction of MHC-I antigen presentation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	47
8	Robustness analysis of cellular memory in an autoactivating positive feedback system. FEBS Letters, 2008, 582, 3776-3782.	1.3	42
9	Linking fast and slow positive feedback loops creates an optimal bistable switch in cell signaling. Physical Review E, 2007, 76, 031924.	0.8	41
10	Dissecting the Regulatory Strategies of NF- κ B RelA Target Genes in the Inflammatory Response Reveals Differential Transactivation Logics. Cell Reports, 2020, 30, 2758-2775.e6.	2.9	35
11	Association between TLR2, MTR, MTRR, XPC, TP73, TP53 genetic polymorphisms and gastric cancer: A meta-analysis. Clinics and Research in Hepatology and Gastroenterology, 2014, 38, 346-359.	0.7	19
12	Reversible Phosphorylation Subverses Robust Circadian Rhythms by Creating a Switch in Inactivating the Positive Element. Biophysical Journal, 2009, 97, 2867-2875.	0.2	9
13	IRF1 Nuclear Export Enables 4-1BB-Induced cRel Activation and IL-2 Production to Promote CD8 T Cell Immunity. Journal of Immunology, 2020, 205, 1540-1553.	0.4	7
14	A stochastic spatio-temporal (SST) model to study cell-to-cell variability in HIV-1 infection. Journal of Theoretical Biology, 2016, 395, 87-96.	0.8	5
15	Modeling the crosstalk between the circadian clock and ROS in Neurospora crassa. Journal of Theoretical Biology, 2018, 458, 125-132.	0.8	5