

Zhang Cheng

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

560
citations

10
h-index

15
g-index

15
ext. papers

757
ext. citations

8.5
avg, IF

3.69
L-index

#	Paper	IF	Citations
15	Cell fate decision mediated by p53 pulses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 12245-50	11.5	183
14	High-Content Quantification of Single-Cell Immune Dynamics. <i>Cell Reports</i> , 2016 , 15, 411-22	10.6	90
13	Distinct single-cell signaling characteristics are conferred by the MyD88 and TRIF pathways during TLR4 activation. <i>Science Signaling</i> , 2015 , 8, ra69	8.8	72
12	Network dynamics determine the autocrine and paracrine signaling functions of TNF. <i>Genes and Development</i> , 2014 , 28, 2120-33	12.6	57
11	Linking fast and slow positive feedback loops creates an optimal bistable switch in cell signaling. <i>Physical Review E</i> , 2007 , 76, 031924	2.4	34
10	Robustness analysis of cellular memory in an autoactivating positive feedback system. <i>FEBS Letters</i> , 2008 , 582, 3776-82	3.8	30
9	Dissecting the Regulatory Strategies of NF- κ B RelA Target Genes in the Inflammatory Response Reveals Differential Transactivation Logics. <i>Cell Reports</i> , 2020 , 30, 2758-2775.e6	10.6	19
8	Gene Regulatory Strategies that Decode the Duration of NF κ B Dynamics Contribute to LPS- versus TNF-Specific Gene Expression. <i>Cell Systems</i> , 2020 , 10, 169-182.e5	10.6	19
7	Association between TLR2, MTR, MTRR, XPC, TP73, TP53 genetic polymorphisms and gastric cancer: a meta-analysis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2014 , 38, 346-59	2.4	18
6	Single-cell chromatin accessibility identifies pancreatic islet cell type- and state-specific regulatory programs of diabetes risk. <i>Nature Genetics</i> , 2021 , 53, 455-466	36.3	18
5	Reversible phosphorylation subserves robust circadian rhythms by creating a switch in inactivating the positive element. <i>Biophysical Journal</i> , 2009 , 97, 2867-75	2.9	9
4	Activation of NF- κ B and p300/CBP potentiates cancer chemoimmunotherapy through induction of MHC-I antigen presentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
3	A stochastic spatio-temporal (SST) model to study cell-to-cell variability in HIV-1 infection. <i>Journal of Theoretical Biology</i> , 2016 , 395, 87-96	2.3	3
2	Modeling the crosstalk between the circadian clock and ROS in <i>Neurospora crassa</i> . <i>Journal of Theoretical Biology</i> , 2018 , 458, 125-132	2.3	2
1	IBI Nuclear Export Enables 4-1BB-Induced cRel Activation and IL-2 Production to Promote CD8 T Cell Immunity. <i>Journal of Immunology</i> , 2020 , 205, 1540-1553	5.3	1