

Xiang Chen

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

5,737
citations

11
h-index

16
g-index

16
ext. papers

7,384
ext. citations

22.4
avg, IF

5.7
L-index

#	Paper	IF	Citations
15	Cyclic GMP-AMP synthase is a cytosolic DNA sensor that activates the type I interferon pathway. <i>Science</i> , 2013 , 339, 786-91	33.3	2259
14	Cyclic GMP-AMP is an endogenous second messenger in innate immune signaling by cytosolic DNA. <i>Science</i> , 2013 , 339, 826-30	33.3	1207
13	Phosphorylation of innate immune adaptor proteins MAVS, STING, and TRIF induces IRF3 activation. <i>Science</i> , 2015 , 347, aaa2630	33.3	805
12	A STING-activating nanovaccine for cancer immunotherapy. <i>Nature Nanotechnology</i> , 2017 , 12, 648-654	28.7	441
11	Activation of cyclic GMP-AMP synthase by self-DNA causes autoimmune diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5699-705	11.5	352
10	cGAS is essential for the antitumor effect of immune checkpoint blockade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 1637-1642	11.5	249
9	An Argonaute phosphorylation cycle promotes microRNA-mediated silencing. <i>Nature</i> , 2017 , 542, 197-203	30.4	140
8	Dendritic Cells but Not Macrophages Sense Tumor Mitochondrial DNA for Cross-priming through Signal Regulatory Protein β Signaling. <i>Immunity</i> , 2017 , 47, 363-373.e5	32.3	126
7	Influenza virus differentially activates mTORC1 and mTORC2 signaling to maximize late stage replication. <i>PLoS Pathogens</i> , 2017 , 13, e1006635	7.6	47
6	Phosphorylation and chromatin tethering prevent cGAS activation during mitosis. <i>Science</i> , 2021 , 371,	33.3	45
5	MLH1 Deficiency-Triggered DNA Hyperexcision by Exonuclease 1 Activates the cGAS-STING Pathway. <i>Cancer Cell</i> , 2021 , 39, 109-121.e5	24.3	42
4	Structural-functional interactions of NS1-BP protein with the splicing and mRNA export machineries for viral and host gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E12218-E12227	11.5	11
3	BHLHE40, a third transcription factor required for insulin induction of SREBP-1c mRNA in rodent liver. <i>ELife</i> , 2018 , 7,	8.9	7
2	cGAS restricts colon cancer development by protecting intestinal barrier integrity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
1	TBK1 recruitment to STING mediates autoinflammatory arthritis caused by defective DNA clearance.. <i>Journal of Experimental Medicine</i> , 2022 , 219,	16.6	1