

Xiang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

8,737
citations

623734

14
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

10557
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic GMP-AMP Synthase Is a Cytosolic DNA Sensor That Activates the Type I Interferon Pathway. <i>Science</i> , 2013, 339, 786-791.	12.6	3,305
2	Cyclic GMP-AMP Is an Endogenous Second Messenger in Innate Immune Signaling by Cytosolic DNA. <i>Science</i> , 2013, 339, 826-830.	12.6	1,778
3	Phosphorylation of innate immune adaptor proteins MAVS, STING, and TRIF induces IRF3 activation. <i>Science</i> , 2015, 347, aaa2630.	12.6	1,280
4	A STING-activating nanovaccine for cancer immunotherapy. <i>Nature Nanotechnology</i> , 2017, 12, 648-654.	31.5	649
5	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.	7.1	497
6	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.	7.1	394
7	An Argonaute phosphorylation cycle promotes microRNA-mediated silencing. <i>Nature</i> , 2017, 542, 197-202.	27.8	232
8	Dendritic Cells but Not Macrophages Sense Tumor Mitochondrial DNA for Cross-priming through Signal Regulatory Protein α Signaling. <i>Immunity</i> , 2017, 47, 363-373.e5.	14.3	209
9	Phosphorylation and chromatin tethering prevent cGAS activation during mitosis. <i>Science</i> , 2021, 371, .	12.6	123
10	MLH1 Deficiency-Triggered DNA Hyperexcision by Exonuclease 1 Activates the cGAS-STING Pathway. <i>Cancer Cell</i> , 2021, 39, 109-121.e5.	16.8	108
11	Influenza virus differentially activates mTORC1 and mTORC2 signaling to maximize late stage replication. <i>PLoS Pathogens</i> , 2017, 13, e1006635.	4.7	74
12	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, .	7.1	31
13	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.	7.1	21
14	BHLHE40, a third transcription factor required for insulin induction of SREBP-1c mRNA in rodent liver. <i>ELife</i> , 2018, 7, .	6.0	18
15	TBK1 recruitment to STING mediates autoinflammatory arthritis caused by defective DNA clearance. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	18