

Nan Yan

List of Publications by Year in descending order

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49
papers

6,467
citations

186209

28
h-index

214721

47
g-index

50
all docs

50
docs citations

50
times ranked

8836
citing authors

#	ARTICLE	IF	CITATIONS
1	No Longer A One-Trick Pony: STING Signaling Activity Beyond Interferon. <i>Journal of Molecular Biology</i> , 2022, 434, 167257.	2.0	13
2	Cytoplasmic RNA quality control failure engages mTORC1-mediated autoinflammatory disease. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	9
3	Targeting Bcl6 in the TREX1 D18N murine model ameliorates autoimmunity by modulating T follicular helper cells and Germinal center B cells. <i>European Journal of Immunology</i> , 2022, , .	1.6	5
4	Intracellular virus sensor MDA5 mutation develops autoimmune myocarditis and nephritis. <i>Journal of Autoimmunity</i> , 2022, 127, 102794.	3.0	2
5	STING controls energy stress-induced autophagy and energy metabolism via STX17. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	21
6	The mammalian SKIV2L RNA exosome is essential for early B cell development. <i>Science Immunology</i> , 2022, 7, .	5.6	8
7	Aicardiâ€™GoutiÃ’s syndrome-like encephalitis in mutant mice with constitutively active MDA5. <i>International Immunology</i> , 2021, 33, 225-240.	1.8	8
8	A ÆœKUâ€™new sensor for cytosolic DNA in TÃ’s cells. <i>Immunity</i> , 2021, 54, 603-605.	6.6	1
9	Tonic prime-boost of STING signalling mediates Niemannâ€™Pick disease type C. <i>Nature</i> , 2021, 596, 570-575.	13.7	110
10	Homeostatic regulation of STING protein at the resting state by stabilizer TOLLIP. <i>Nature Immunology</i> , 2020, 21, 158-167.	7.0	71
11	Interferon-Independent Activities of Mammalian STING Mediate Antiviral Response and Tumor Immune Evasion. <i>Immunity</i> , 2020, 53, 115-126.e5.	6.6	179
12	Reactive oxygen species oxidize STING and suppress interferon production. <i>ELife</i> , 2020, 9, .	2.8	50
13	A bioactive mammalian disaccharide associated with autoimmunity activates STING-TBK1-dependent immune response. <i>Nature Communications</i> , 2019, 10, 2377.	5.8	20
14	STING-mediated disruption of calcium homeostasis chronically activates ER stress and primes T cell death. <i>Journal of Experimental Medicine</i> , 2019, 216, 867-883.	4.2	182
15	STIM1 moonlights as an anchor for STING. <i>Nature Immunology</i> , 2019, 20, 112-114.	7.0	12
16	Mammalian STT3A/B oligosaccharyltransferases segregate N-glycosylation at the translocon from lipid-linked oligosaccharide hydrolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9557-9562.	3.3	26
17	Co-circulation dynamics and persistence of newly introduced clades of 2012 outbreak associated West Nile Virus in Texas, 2012â€™2015. <i>Infection, Genetics and Evolution</i> , 2018, 66, 13-17.	1.0	0
18	N-glycanase NGLY1 regulates mitochondrial homeostasis and inflammation through NRF1. <i>Journal of Experimental Medicine</i> , 2018, 215, 2600-2616.	4.2	95

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19	Chronic innate immune activation of TBK1 suppresses mTORC1 activity and dysregulates cellular metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 746-751.	3.3	71
20	Immune Diseases Associated with TREX1 and STING Dysfunction. <i>Journal of Interferon and Cytokine Research</i> , 2017, 37, 198-206.	0.5	71
21	Mitotic Phosphorylation of TREX1 C Terminus Disrupts TREX1 Regulation of the Oligosaccharyltransferase Complex. <i>Cell Reports</i> , 2017, 18, 2600-2607.	2.9	21
22	DNase-active TREX1 frame-shift mutants induce serologic autoimmunity in mice. <i>Journal of Autoimmunity</i> , 2017, 81, 13-23.	3.0	27
23	Innate Immune Activation by cGMP-AMP Nanoparticles Leads to Potent and Long-Acting Antiretroviral Response against HIV-1. <i>Journal of Immunology</i> , 2017, 199, 3840-3848.	0.4	39
24	STING-associated vasculopathy develops independently of IRF3 in mice. <i>Journal of Experimental Medicine</i> , 2017, 214, 3279-3292.	4.2	155
25	Methods of Assessing STING Activation and Trafficking. <i>Methods in Molecular Biology</i> , 2017, 1656, 167-174.	0.4	7
26	Trafficking-Mediated STING Degradation Requires Sorting to Acidified Endolysosomes and Can Be Targeted to Enhance Anti-tumor Response. <i>Cell Reports</i> , 2017, 21, 3234-3242.	2.9	198
27	Therapeutic potential of targeting TBK1 in autoimmune diseases and interferonopathies. <i>Pharmacological Research</i> , 2016, 111, 336-342.	3.1	54
28	DNA polymerase- β regulates the activation of type I interferons through cytosolic RNA:DNA synthesis. <i>Nature Immunology</i> , 2016, 17, 495-504.	7.0	123
29	RNase H2 catalytic core Aicardi-Goutières syndrome-related mutant invokes cGAS-STING innate immune-sensing pathway in mice. <i>Journal of Experimental Medicine</i> , 2016, 213, 329-336.	4.2	185
30	Response to Comment on "Cutting Edge: Inhibiting TBK1 by Compound II Ameliorates Autoimmune Disease in Mice". <i>Journal of Immunology</i> , 2016, 196, 531-531.	0.4	1
31	STING Activation by Translocation from the ER Is Associated with Infection and Autoinflammatory Disease. <i>Cell Host and Microbe</i> , 2015, 18, 157-168.	5.1	424
32	Cutting Edge: Inhibiting TBK1 by Compound II Ameliorates Autoimmune Disease in Mice. <i>Journal of Immunology</i> , 2015, 195, 4573-4577.	0.4	61
33	Cytosolic Nuclease TREX1 Regulates Oligosaccharyltransferase Activity Independent of Nuclease Activity to Suppress Immune Activation. <i>Immunity</i> , 2015, 43, 463-474.	6.6	85
34	Safeguard against DNA sensing: the role of TREX1 in HIV-1 infection and autoimmune diseases. <i>Frontiers in Microbiology</i> , 2014, 5, 193.	1.5	23
35	Cyclic GMP-AMP Synthase Is an Innate Immune Sensor of HIV and Other Retroviruses. <i>Science</i> , 2013, 341, 903-906.	6.0	837
36	Trex1 regulates lysosomal biogenesis and interferon-independent activation of antiviral genes. <i>Nature Immunology</i> , 2013, 14, 61-71.	7.0	122

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37	SAMHD1 does it again, now in resting T cells. <i>Nature Medicine</i> , 2012, 18, 1611-1612.	15.2	6
38	Intrinsic antiviral immunity. <i>Nature Immunology</i> , 2012, 13, 214-222.	7.0	439
39	Gaining a foothold: how HIV avoids innate immune recognition. <i>Current Opinion in Immunology</i> , 2011, 23, 21-28.	2.4	28
40	HIV DNA is heavily uracilated, which protects it from autointegration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9244-9249.	3.3	60
41	The cytosolic exonuclease TREX1 inhibits the innate immune response to human immunodeficiency virus type 1. <i>Nature Immunology</i> , 2010, 11, 1005-1013.	7.0	455
42	BREs Mediate Both Repression and Activation of oskar mRNA Translation and Act In trans. <i>Developmental Cell</i> , 2010, 18, 496-502.	3.1	46
43	The SET Complex Acts as a Barrier to Autointegration of HIV-1. <i>PLoS Pathogens</i> , 2009, 5, e1000327.	2.1	82
44	miR-24 Inhibits Cell Proliferation by Targeting E2F2, MYC, and Other Cell-Cycle Genes via Binding to 3'UTR MicroRNA Recognition Elements. <i>Molecular Cell</i> , 2009, 35, 610-625.	4.5	544
45	Identification and Characterization of PWWP Domain Residues Critical for LEDGF/p75 Chromatin Binding and Human Immunodeficiency Virus Type 1 Infectivity. <i>Journal of Virology</i> , 2008, 82, 11555-11567.	1.5	75
46	Identification of Host Proteins Required for HIV Infection Through a Functional Genomic Screen. <i>Science</i> , 2008, 319, 921-926.	6.0	1,310
47	A late phase of Oskar accumulation is crucial for posterior patterning of the <i>Drosophila</i> embryo, and is blocked by ectopic expression of Bruno. <i>Differentiation</i> , 2007, 75, 246-255.	1.0	31
48	Genetic Interactions of <i>Drosophila melanogaster</i> arrest Reveal Roles for Translational Repressor Bruno in Accumulation of Gurken and Activity of Delta. <i>Genetics</i> , 2004, 168, 1433-1442.	1.2	18
49	Localization-Dependent Oskar Protein Accumulation. <i>Developmental Cell</i> , 2004, 7, 125-131.	3.1	56