

Xing Liu

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

7,128
citations

218677

26
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

9473
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammasome-activated gasdermin D causes pyroptosis by forming membrane pores. <i>Nature</i> , 2016, 535, 153-158.	27.8	2,143
2	Gasdermin E suppresses tumour growth by activating anti-tumour immunity. <i>Nature</i> , 2020, 579, 415-420.	27.8	900
3	FDA-approved disulfiram inhibits pyroptosis by blocking gasdermin D pore formation. <i>Nature Immunology</i> , 2020, 21, 736-745.	14.5	555
4	Survival of tissue-resident memory T cells requires exogenous lipid uptake and metabolism. <i>Nature</i> , 2017, 543, 252-256.	27.8	520
5	Visualizing lipid-formulated siRNA release from endosomes and target gene knockdown. <i>Nature Biotechnology</i> , 2015, 33, 870-876.	17.5	424
6	Channelling inflammation: gasdermins in physiology and disease. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 384-405.	46.4	323
7	Cryo-EM structure of the gasdermin A3 membrane pore. <i>Nature</i> , 2018, 557, 62-67.	27.8	301
8	The E3 Ubiquitin Ligase AMFR and INSIG1 Bridge the Activation of TBK1 Kinase by Modifying the Adaptor STING. <i>Immunity</i> , 2014, 41, 919-933.	14.3	276
9	Positive Regulation of Interferon Regulatory Factor 3 Activation by Herc5 via ISG15 Modification. <i>Molecular and Cellular Biology</i> , 2010, 30, 2424-2436.	2.3	218
10	Streptococcal pyrogenic exotoxin B cleaves GSDMA and triggers pyroptosis. <i>Nature</i> , 2022, 602, 496-502.	27.8	153
11	Apoptosis Triggers Specific, Rapid, and Global mRNA Decay with 3' Uridylated Intermediates Degraded by DIS3L2. <i>Cell Reports</i> , 2015, 11, 1079-1089.	6.4	127
12	Epicutaneous immunization with modified vaccinia Ankara viral vectors generates superior T cell immunity against a respiratory viral challenge. <i>Npj Vaccines</i> , 2021, 6, 1.	6.0	123
13	The Cyclopeptide Astin C Specifically Inhibits the Innate Immune CDN Sensor STING. <i>Cell Reports</i> , 2018, 25, 3405-3421.e7.	6.4	119
14	A Mechanistic Understanding of Pyroptosis: The Fiery Death Triggered by Invasive Infection. <i>Advances in Immunology</i> , 2017, 135, 81-117.	2.2	115
15	STING inhibitors target the cyclic dinucleotide binding pocket. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	84
16	SEN7 Potentiates cGAS Activation by Relieving SUMO-Mediated Inhibition of Cytosolic DNA Sensing. <i>PLoS Pathogens</i> , 2017, 13, e1006156.	4.7	81
17	The lysosomal Rag-Ragulator complex licenses RIPK1 and caspase-8 mediated pyroptosis by <i>Yersinia</i> . <i>Science</i> , 2021, 372, .	12.6	80
18	Knocking Mem Dead: Pore-Forming Proteins in Immune Defense. <i>Annual Review of Immunology</i> , 2020, 38, 455-485.	21.8	67

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19	PNPT1 Release from Mitochondria during Apoptosis Triggers Decay of Poly(A) RNAs. <i>Cell</i> , 2018, 174, 187-201.e12.	28.9	64
20	Dynamic regulation of innate immunity by ubiquitin and ubiquitin-like proteins. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 559-570.	7.2	59
21	Negative Feedback Regulation of NF- κ B Action by CITED2 in the Nucleus. <i>Journal of Immunology</i> , 2011, 186, 539-548.	0.8	58
22	The deubiquitinase CYLD is a specific checkpoint of the STING antiviral signaling pathway. <i>PLoS Pathogens</i> , 2018, 14, e1007435.	4.7	57
23	ER Adaptor SCAP Translocates and Recruits IRF3 to Perinuclear Microsome Induced by Cytosolic Microbial DNAs. <i>PLoS Pathogens</i> , 2016, 12, e1005462.	4.7	50
24	Nuclear cGAS Functions Non-canonically to Enhance Antiviral Immunity via Recruiting Methyltransferase Prmt5. <i>Cell Reports</i> , 2020, 33, 108490.	6.4	50
25	The emerging roles of the <sc>STING</sc> adaptor protein in immunity and diseases. <i>Immunology</i> , 2016, 147, 285-291.	4.4	34
26	TRIM21 regulates pyroptotic cell death by promoting Gasdermin D oligomerization. <i>Cell Death and Differentiation</i> , 2022, 29, 439-450.	11.2	33
27	TREX1 Knockdown Induces an Interferon Response to HIV that Delays Viral Infection in Humanized Mice. <i>Cell Reports</i> , 2016, 15, 1715-1727.	6.4	30
28	Gasdermins: pore-forming activities and beyond. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 467-474.	2.0	26
29	cGAS- κ STING pathway: post-translational modifications and functions in sterile inflammatory diseases. <i>FEBS Journal</i> , 2022, 289, 6187-6208.	4.7	20
30	Cytosolic sensing of aberrant DNA: arming STING on the endoplasmic reticulum. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1397-1409.	3.4	18
31	MATHLA: a robust framework for HLA-peptide binding prediction integrating bidirectional LSTM and multiple head attention mechanism. <i>BMC Bioinformatics</i> , 2021, 22, 7.	2.6	11
32	How ICE lights the pyroptosis fire. <i>Cell Death and Differentiation</i> , 2017, 24, 197-199.	11.2	8
33	FDA-approved disulfiram inhibits pyroptosis by blocking gasdermin D pore formation. , 0, .		1