

# Xing Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

7,128  
citations

218592

26  
h-index

414303

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

9473  
citing authors

#	ARTICLE	IF	CITATIONS
1	cGASâ€”STING pathway: postâ€”translational modifications and functions in sterile inflammatory diseases. FEBS Journal, 2022, 289, 6187-6208.	2.2	20
2	TRIM21 regulates pyroptotic cell death by promoting Gasdermin D oligomerization. Cell Death and Differentiation, 2022, 29, 439-450.	5.0	33
3	Streptococcal pyrogenic exotoxin B cleaves GSDMA and triggers pyroptosis. Nature, 2022, 602, 496-502.	13.7	153
4	MATHLA: a robust framework for HLA-peptide binding prediction integrating bidirectional LSTM and multiple head attention mechanism. BMC Bioinformatics, 2021, 22, 7.	1.2	11
5	Epicutaneous immunization with modified vaccinia Ankara viral vectors generates superior T cell immunity against a respiratory viral challenge. Npj Vaccines, 2021, 6, 1.	2.9	123
6	Channelling inflammation: gasdermins in physiology and disease. Nature Reviews Drug Discovery, 2021, 20, 384-405.	21.5	323
7	The lysosomal Rag-Ragulator complex licenses RIPK1â€” and caspase-8â€”mediated pyroptosis by <i>Yersinia</i> . Science, 2021, 372, .	6.0	80
8	STING inhibitors target the cyclic dinucleotide binding pocket. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	84
9	Nuclear cGAS Functions Non-canonically to Enhance Antiviral Immunity via Recruiting Methyltransferase Prmt5. Cell Reports, 2020, 33, 108490.	2.9	50
10	FDA-approved disulfiram inhibits pyroptosis by blocking gasdermin D pore formation. Nature Immunology, 2020, 21, 736-745.	7.0	555
11	Gasdermin E suppresses tumour growth by activating anti-tumour immunity. Nature, 2020, 579, 415-420.	13.7	900
12	Knocking â€”em Dead: Pore-Forming Proteins in Immune Defense. Annual Review of Immunology, 2020, 38, 455-485.	9.5	67
13	Gasdermins: pore-forming activities and beyond. Acta Biochimica Et Biophysica Sinica, 2020, 52, 467-474.	0.9	26
14	Cryo-EM structure of the gasdermin A3 membrane pore. Nature, 2018, 557, 62-67.	13.7	301
15	The Cyclopeptide Astin C Specifically Inhibits the Innate Immune CDN Sensor STING. Cell Reports, 2018, 25, 3405-3421.e7.	2.9	119
16	The deubiquitinase CYLD is a specific checkpoint of the STING antiviral signaling pathway. PLoS Pathogens, 2018, 14, e1007435.	2.1	57
17	PNPT1 Release from Mitochondria during Apoptosis Triggers Decay of Poly(A) RNAs. Cell, 2018, 174, 187-201.e12.	13.5	64
18	How ICE lights the pyroptosis fire. Cell Death and Differentiation, 2017, 24, 197-199.	5.0	8

#	ARTICLE	IF	CITATIONS
19	Survival of tissue-resident memory T cells requires exogenous lipid uptake and metabolism. <i>Nature</i> , 2017, 543, 252-256.	13.7	520
20	A Mechanistic Understanding of Pyroptosis: The Fiery Death Triggered by Invasive Infection. <i>Advances in Immunology</i> , 2017, 135, 81-117.	1.1	115
21	SEN7 Potentiates cGAS Activation by Relieving SUMO-Mediated Inhibition of Cytosolic DNA Sensing. <i>PLoS Pathogens</i> , 2017, 13, e1006156.	2.1	81
22	ER Adaptor SCAP Translocates and Recruits IRF3 to Perinuclear Microsome Induced by Cytosolic Microbial DNAs. <i>PLoS Pathogens</i> , 2016, 12, e1005462.	2.1	50
23	Inflammasome-activated gasdermin D causes pyroptosis by forming membrane pores. <i>Nature</i> , 2016, 535, 153-158.	13.7	2,143
24	The emerging roles of the <sc>STING</sc> adaptor protein in immunity and diseases. <i>Immunology</i> , 2016, 147, 285-291.	2.0	34
25	TREX1 Knockdown Induces an Interferon Response to HIV that Delays Viral Infection in Humanized Mice. <i>Cell Reports</i> , 2016, 15, 1715-1727.	2.9	30
26	Apoptosis Triggers Specific, Rapid, and Global mRNA Decay with 3' Uridylated Intermediates Degraded by DIS3L2. <i>Cell Reports</i> , 2015, 11, 1079-1089.	2.9	127
27	Visualizing lipid-formulated siRNA release from endosomes and target gene knockdown. <i>Nature Biotechnology</i> , 2015, 33, 870-876.	9.4	424
28	Cytosolic sensing of aberrant DNA: arming STING on the endoplasmic reticulum. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1397-1409.	1.5	18
29	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.	6.6	276
30	Dynamic regulation of innate immunity by ubiquitin and ubiquitin-like proteins. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 559-570.	3.2	59
31	Negative Feedback Regulation of NF- $\kappa$ B Action by CITED2 in the Nucleus. <i>Journal of Immunology</i> , 2011, 186, 539-548.	0.4	58
32	Positive Regulation of Interferon Regulatory Factor 3 Activation by Herc5 via ISG15 Modification. <i>Molecular and Cellular Biology</i> , 2010, 30, 2424-2436.	1.1	218
33	FDA-approved disulfiram inhibits pyroptosis by blocking gasdermin D pore formation. , 0, .		1