

Qian Yin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,479
citations

687363

13
h-index

996975

15
g-index

40
all docs

40
docs citations

40
times ranked

3667
citing authors

#	ARTICLE	IF	CITATIONS
1	Unified Polymerization Mechanism for the Assembly of ASC-Dependent Inflammasomes. <i>Cell</i> , 2014, 156, 1193-1206.	28.9	1,035
2	Hydrolysis of 2 β -cGAMP by ENPP1 and design of nonhydrolyzable analogs. <i>Nature Chemical Biology</i> , 2014, 10, 1043-1048.	8.0	348
3	Cryo-EM structure of the activated NAIP2-NLRC4 inflammasome reveals nucleated polymerization. <i>Science</i> , 2015, 350, 404-409.	12.6	347
4	AIM2 inflammasome activation and regulation: A structural perspective. <i>Journal of Structural Biology</i> , 2017, 200, 279-282.	2.8	164
5	Molecular basis of caspase-1 polymerization and its inhibition by a new capping mechanism. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 416-425.	8.2	135
6	Structural Biology of Innate Immunity. <i>Annual Review of Immunology</i> , 2015, 33, 393-416.	21.8	100
7	Plasticity in PYD assembly revealed by cryo-EM structure of the PYD filament of AIM2. <i>Cell Discovery</i> , 2015, 1, .	6.7	83
8	Molecular Mechanism for p202-Mediated Specific Inhibition of AIM2 Inflammasome Activation. <i>Cell Reports</i> , 2013, 4, 327-339.	6.4	81
9	AIM2 Inflammasome Assembly and Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1172, 143-155.	1.6	49
10	Immunobiology and structural biology of AIM2 inflammasome. <i>Molecular Aspects of Medicine</i> , 2020, 76, 100869.	6.4	48
11	Inducible Exoc7/Exo70 knockout reveals a critical role of the exocyst in insulin-regulated GLUT4 exocytosis. <i>Journal of Biological Chemistry</i> , 2019, 294, 19988-19996.	3.4	22
12	Cooperative DNA binding mediated by KicGAS/ORF52 oligomerization allows inhibition of DNA-induced phase separation and activation of cGAS. <i>Nucleic Acids Research</i> , 2021, 49, 9389-9403.	14.5	22
13	Intracellular Vesicle Fusion Requires a Membrane-Destabilizing Peptide Located at the Juxtamembrane Region of the v-SNARE. <i>Cell Reports</i> , 2019, 29, 4583-4592.e3.	6.4	21
14	AAGAB is an assembly chaperone regulating AP1 and AP2 clathrin adaptors. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	10
15	Structural analysis of the HIN1 domain of interferon-inducible protein 204. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2019, 75, 455-460.	0.8	6
16	Structural And Functional Versatility of Interferon-Inducible GTPases. <i>FASEB Journal</i> , 2019, 33, 779.51.	0.5	0