

Venkat Giri Magupalli

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

5,404
citations

516561

16
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

6885
citing authors

#	ARTICLE	IF	CITATIONS
1	Gasdermin D pore structure reveals preferential release of mature interleukin-1. <i>Nature</i> , 2021, 593, 607-611.	13.7	298
2	NLRP3 Inflammasome Assembly in Neutrophils Is Supported by PAD4 and Promotes NETosis Under Sterile Conditions. <i>Frontiers in Immunology</i> , 2021, 12, 683803.	2.2	79
3	Ragulator-Rag and ROS TORment gasdermin D pore formation. <i>Trends in Immunology</i> , 2021, 42, 948-950.	2.9	8
4	HDAC6 mediates an aggresome-like mechanism for NLRP3 and pyrin inflammasome activation. <i>Science</i> , 2020, 369, .	6.0	218
5	FDA-approved disulfiram inhibits pyroptosis by blocking gasdermin D pore formation. <i>Nature Immunology</i> , 2020, 21, 736-745.	7.0	555
6	Structural mechanism for NEK7-licensed activation of NLRP3 inflammasome. <i>Nature</i> , 2019, 570, 338-343.	13.7	467
7	Crystal structure of the WD40 domain dimer of LRRK2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1579-1584.	3.3	60
8	Inflammasome-activated gasdermin D causes pyroptosis by forming membrane pores. <i>Nature</i> , 2016, 535, 153-158.	13.7	2,143
9	The Disease Protein Tulp1 Is Essential for Periaxial Zone Endocytosis in Photoreceptor Ribbon Synapses. <i>Journal of Neuroscience</i> , 2016, 36, 2473-2493.	1.7	29
10	Crystal Structure of the F27G AIM2 PYD Mutant and Similarities of Its Self-Association to DED/DED Interactions. <i>Journal of Molecular Biology</i> , 2014, 426, 1420-1427.	2.0	51
11	Unified Polymerization Mechanism for the Assembly of ASC-Dependent Inflammasomes. <i>Cell</i> , 2014, 156, 1193-1206.	13.5	1,035
12	Modulation of CaV2.1 channels by neuronal calcium sensor-1 induces short-term synaptic facilitation. <i>Molecular and Cellular Neurosciences</i> , 2014, 63, 124-131.	1.0	28
13	SMOCs: supramolecular organizing centres that control innate immunity. <i>Nature Reviews Immunology</i> , 2014, 14, 821-826.	10.6	220
14	Ca ²⁺ -independent Activation of Ca ²⁺ /Calmodulin-dependent Protein Kinase II Bound to the C-terminal Domain of CaV2.1 Calcium Channels. <i>Journal of Biological Chemistry</i> , 2013, 288, 4637-4648.	1.6	28
15	Nicotinamide Adenine Dinucleotide-Dependent Binding of the Neuronal Ca ²⁺ Sensor Protein GCAP2 to Photoreceptor Synaptic Ribbons. <i>Journal of Neuroscience</i> , 2010, 30, 6559-6576.	1.7	26
16	Multiple RIBEYE-RIBEYE Interactions Create a Dynamic Scaffold for the Formation of Synaptic Ribbons. <i>Journal of Neuroscience</i> , 2008, 28, 7954-7967.	1.7	106
17	RIBEYE Recruits Munc119, a Mammalian Ortholog of the <i>Caenorhabditis elegans</i> Protein unc119, to Synaptic Ribbons of Photoreceptor Synapses. <i>Journal of Biological Chemistry</i> , 2008, 283, 26461-26467.	1.6	52
18	FDA-approved disulfiram inhibits pyroptosis by blocking gasdermin D pore formation. , 0, .		1

#	ARTICLE	IF	CITATIONS
19	PAD4 Promotes NLRP3 Inflammasome Assembly Leading to NETosis. SSRN Electronic Journal, 0, , .	0.4	0