

Yuan He

List of Publications by Year in descending order

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13
papers

5,858
citations

840119

11
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

8248
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism and Regulation of NLRP3 Inflammasome Activation. Trends in Biochemical Sciences, 2016, 41, 1012-1021.	3.7	1,993
2	The NLRP3 Inflammasome: An Overview of Mechanisms of Activation and Regulation. International Journal of Molecular Sciences, 2019, 20, 3328.	1.8	1,900
3	NEK7 is an essential mediator of NLRP3 activation downstream of potassium efflux. Nature, 2016, 530, 354-357.	13.7	862
4	Caspase-11 Requires the Pannexin-1 Channel and the Purinergic P2X7 Pore to Mediate Pyroptosis and Endotoxic Shock. Immunity, 2015, 43, 923-932.	6.6	433
5	3,4-Methylenedioxy- β -nitrostyrene Inhibits NLRP3 Inflammasome Activation by Blocking Assembly of the Inflammasome. Journal of Biological Chemistry, 2014, 289, 1142-1150.	1.6	216
6	TLR Agonists Stimulate Nlrp3-Dependent IL-1 β Production Independently of the Purinergic P2X7 Receptor in Dendritic Cells and In Vivo. Journal of Immunology, 2013, 190, 334-339.	0.4	181
7	Shigella Type III Secretion Protein MxiI Is Recognized by Naip2 to Induce Nlrc4 Inflammasome Activation Independently of Pkc α . PLoS Pathogens, 2014, 10, e1003926.	2.1	86
8	The protein kinase PKR is critical for LPS-induced iNOS production but dispensable for inflammasome activation in macrophages. European Journal of Immunology, 2013, 43, 1147-1152.	1.6	79
9	RACK1 Mediates NLRP3 Inflammasome Activation by Promoting NLRP3 Active Conformation and Inflammasome Assembly. Cell Reports, 2020, 33, 108405.	2.9	44
10	Role of the NLRP3 inflammasome in neurodegenerative diseases and therapeutic implications. Neural Regeneration Research, 2020, 15, 1249.	1.6	31
11	Oscillatory Behavior of Neutrophils under Opposing Chemoattractant Gradients Supports a Winner-Take-All Mechanism. PLoS ONE, 2014, 9, e85726.	1.1	24
12	A Single Amino Acid Residue Defines the Difference in NLRP3 Inflammasome Activation between NEK7 and NEK6. Journal of Immunology, 2022, 208, 2029-2036.	0.4	5
13	Integrative omics analysis identifies macrophage migration inhibitory factor signaling pathways underlying human hepatic fibrogenesis and fibrosis. Journal of Bio-X Research, 2019, 2, 16-24.	0.3	3