

# Sannula Kesavardhana

## List of Publications by Year in descending order

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24  
papers

3,007  
citations

516710

16  
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642732

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g-index

25  
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25  
docs citations

25  
times ranked

2993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging Role of ZBP1 in Z-RNA Sensing, Influenza Virus-Induced Cell Death, and Pulmonary Inflammation. <i>MBio</i> , 2022, 13, e0040122.	4.1	18
2	DDX3X coordinates host defense against influenza virus by activating the NLRP3 inflammasome and type I interferon response. <i>Journal of Biological Chemistry</i> , 2021, 296, 100579.	3.4	35
3	Dysregulated innate immune and inflammatory responses in SARS-CoV-2 infection and COVID-19 severity. <i>Critical Reviews in Immunology</i> , 2021, 41, 43-56.	0.5	1
4	Inflammasome regulation in driving COVID-19 severity in humans and immune tolerance in bats. <i>Journal of Leukocyte Biology</i> , 2021, , .	3.3	11
5	Cutting Edge: Caspase-8 Is a Linchpin in Caspase-3 and Gasdermin D Activation to Control Cell Death, Cytokine Release, and Host Defense during Influenza A Virus Infection. <i>Journal of Immunology</i> , 2021, 207, 2411-2416.	0.8	14
6	ZBP1 promotes fungi-induced inflammasome activation and pyroptosis, apoptosis, and necroptosis (PANoptosis). <i>Journal of Biological Chemistry</i> , 2020, 295, 18276-18283.	3.4	94
7	Innate immune priming in the absence of TAK1 drives RIPK1 kinase activity-independent pyroptosis, apoptosis, necroptosis, and inflammatory disease. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	178
8	ZBP1: A STARGate to decode the biology of Z-nucleic acids in disease. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	20
9	Caspases in Cell Death, Inflammation, and Pyroptosis. <i>Annual Review of Immunology</i> , 2020, 38, 567-595.	21.8	470
10	The Z $\pm$ 2 domain of ZBP1 is a molecular switch regulating influenza-induced PANoptosis and perinatal lethality during development. <i>Journal of Biological Chemistry</i> , 2020, 295, 8325-8330.	3.4	99
11	Identification of the PANoptosome: A Molecular Platform Triggering Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 237.	3.9	235
12	RIPK1 Distinctly Regulates <i>Yersinia</i> -Induced Inflammatory Cell Death, PANoptosis. <i>ImmunoHorizons</i> , 2020, 4, 789-796.	1.8	69
13	DDX3X acts as a live-or-die checkpoint in stressed cells by regulating NLRP3 inflammasome. <i>Nature</i> , 2019, 573, 590-594.	27.8	262
14	Targeting Apoptosis Inhibition to Activate Antitumor Immunity. <i>Trends in Immunology</i> , 2019, 40, 1073-1075.	6.8	6
15	ZBP1 and TAK1: Master Regulators of NLRP3 Inflammasome/Pyroptosis, Apoptosis, and Necroptosis (PAN-optosis). <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 406.	3.9	231
16	Stressed-out ROS take a silent death route. <i>Nature Immunology</i> , 2018, 19, 103-105.	14.5	14
17	Glycosylation of the core of the HIV-1 envelope subunit protein gp120 is not required for native trimer formation or viral infectivity. <i>Journal of Biological Chemistry</i> , 2017, 292, 10197-10219.	3.4	29
18	ZBP1/DAI ubiquitination and sensing of influenza vRNPs activate programmed cell death. <i>Journal of Experimental Medicine</i> , 2017, 214, 2217-2229.	8.5	126

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19	Mechanisms governing inflammasome activation, assembly and pyroptosis induction. <i>International Immunology</i> , 2017, 29, 201-210.	4.0	174
20	Structure-based Design of Cyclically Permuted HIV-1 gp120 Trimers That Elicit Neutralizing Antibodies. <i>Journal of Biological Chemistry</i> , 2017, 292, 278-291.	3.4	18
21	NLRC3 is an inhibitory sensor of PI3K-mTOR pathways in cancer. <i>Nature</i> , 2016, 540, 583-587.	27.8	160
22	IRGB10 Liberates Bacterial Ligands for Sensing by the AIM2 and Caspase-11-NLRP3 Inflammasomes. <i>Cell</i> , 2016, 167, 382-396.e17.	28.9	237
23	ZBP1/DAI is an innate sensor of influenza virus triggering the NLRP3 inflammasome and programmed cell death pathways. <i>Science Immunology</i> , 2016, 1, .	11.9	464
24	Stabilizing the Native Trimer of HIV-1 Env by Destabilizing the Heterodimeric Interface of the gp41 Postfusion Six-Helix Bundle. <i>Journal of Virology</i> , 2014, 88, 9590-9604.	3.4	42