

Sunny Shin

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,071
citations

361413

20
h-index

361022

35
g-index

43
all docs

43
docs citations

43
times ranked

2696
citing authors

#	ARTICLE	IF	CITATIONS
1	Human caspase-4 mediates noncanonical inflammasome activation against gram-negative bacterial pathogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6688-6693.	7.1	219
2	Caspase-8 mediates caspase-1 processing and innate immune defense in response to bacterial blockade of NF- κ B and MAPK signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7385-7390.	7.1	215
3	Asc and Ipaf Inflammasomes Direct Distinct Pathways for Caspase-1 Activation in Response to <i>Legionella pneumophila</i> . <i>Infection and Immunity</i> , 2009, 77, 1981-1991.	2.2	168
4	Caspase-11 Activation in Response to Bacterial Secretion Systems that Access the Host Cytosol. <i>PLoS Pathogens</i> , 2013, 9, e1003400.	4.7	152
5	Host cell processes that influence the intracellular survival of <i>Legionella pneumophila</i> . <i>Cellular Microbiology</i> , 2008, 10, 1209-1220.	2.1	149
6	Broad detection of bacterial type III secretion system and flagellin proteins by the human NAIP/NLRC4 inflammasome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13242-13247.	7.1	124
7	Type IV Secretion-Dependent Activation of Host MAP Kinases Induces an Increased Proinflammatory Cytokine Response to <i>Legionella pneumophila</i> . <i>PLoS Pathogens</i> , 2008, 4, e1000220.	4.7	114
8	Rapid Pathogen-Induced Apoptosis: A Mechanism Used by Dendritic Cells to Limit Intracellular Replication of <i>Legionella pneumophila</i> . <i>PLoS Pathogens</i> , 2009, 5, e1000478.	4.7	90
9	DNA binding to TLR9 expressed by red blood cells promotes innate immune activation and anemia. <i>Science Translational Medicine</i> , 2021, 13, eabj1008.	12.4	90
10	Effector-triggered immunity and pathogen sensing in metazoans. <i>Nature Microbiology</i> , 2020, 5, 14-26.	13.3	79
11	Dissection of a type I interferon pathway in controlling bacterial intracellular infection in mice. <i>Cellular Microbiology</i> , 2011, 13, 1668-1682.	2.1	75
12	Activation of Host Mitogen-Activated Protein Kinases by Secreted <i>Legionella pneumophila</i> Effectors That Inhibit Host Protein Translation. <i>Infection and Immunity</i> , 2012, 80, 3570-3575.	2.2	63
13	IL-1R signaling enables bystander cells to overcome bacterial blockade of host protein synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7557-7562.	7.1	63
14	Alveolar Macrophages and Neutrophils Are the Primary Reservoirs for <i>Legionella pneumophila</i> and Mediate Cytosolic Surveillance of Type IV Secretion. <i>Infection and Immunity</i> , 2014, 82, 4325-4336.	2.2	60
15	The inflammasome: Learning from bacterial evasion strategies. <i>Seminars in Immunology</i> , 2015, 27, 102-110.	5.6	52
16	<i>Legionella</i> -Infected Macrophages Engage the Alveolar Epithelium to Metabolically Reprogram Myeloid Cells and Promote Antibacterial Inflammation. <i>Cell Host and Microbe</i> , 2020, 28, 683-698.e6.	11.0	43
17	Inflammasome-mediated cell death in response to bacterial pathogens that access the host cell cytosol: lessons from <i>legionella pneumophila</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 111.	3.9	34
18	Viewing <i>Legionella pneumophila</i> Pathogenesis through an Immunological Lens. <i>Journal of Molecular Biology</i> , 2019, 431, 4321-4344.	4.2	32

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19	Human NAIP/NLRC4 and NLRP3 inflammasomes detect Salmonella type III secretion system activities to restrict intracellular bacterial replication. <i>PLoS Pathogens</i> , 2022, 18, e1009718.	4.7	31
20	Neutrophils and Ly6Chi monocytes collaborate in generating an optimal cytokine response that protects against pulmonary Legionella pneumophila infection. <i>PLoS Pathogens</i> , 2017, 13, e1006309.	4.7	26
21	Primary Role for Toll-Like Receptor-Driven Tumor Necrosis Factor Rather than Cytosolic Immune Detection in Restricting Coxiella burnetii Phase II Replication within Mouse Macrophages. <i>Infection and Immunity</i> , 2016, 84, 998-1015.	2.2	25
22	Salmonella enterica Serovar Typhimurium Induces NAIP/NLRC4- and NLRP3/ASC-Independent, Caspase-4-Dependent Inflammasome Activation in Human Intestinal Epithelial Cells. <i>Infection and Immunity</i> , 2022, 90, .	2.2	25
23	Outrunning the Red Queen: bystander activation as a means of outpacing innate immune subversion by intracellular pathogens. <i>Cellular and Molecular Immunology</i> , 2017, 14, 14-21.	10.5	22
24	Age-related differences in IL-1 signaling and capsule serotype affect persistence of Streptococcus pneumoniae colonization. <i>PLoS Pathogens</i> , 2018, 14, e1007396.	4.7	21
25	Innate Immunity to Intracellular Pathogens. <i>Advances in Applied Microbiology</i> , 2012, 79, 43-71.	2.4	20
26	Increased autophagic sequestration in adaptor protein-3 deficient dendritic cells limits inflammasome activity and impairs antibacterial immunity. <i>PLoS Pathogens</i> , 2017, 13, e1006785.	4.7	11
27	Challenging systemic barriers to promote the inclusion, recruitment, and retention of URM faculty in STEM. <i>Cell Host and Microbe</i> , 2021, 29, 862-866.	11.0	10
28	Listening In: Plasmacytoid DC, Monocyte-Derived DC, and Neutrophil Crosstalk in Antifungal Defense. <i>Cell Host and Microbe</i> , 2020, 28, 9-11.	11.0	8
29	Lipid A Variants Activate Human TLR4 and the Noncanonical Inflammasome Differently and Require the Core Oligosaccharide for Inflammasome Activation. <i>Infection and Immunity</i> , 2022, 90, .	2.2	7
30	Position-Specific Secondary Acylation Determines Detection of Lipid A by Murine TLR4 and Caspase-11. <i>Infection and Immunity</i> , 2022, 90, .	2.2	6
31	Stressed-Out Endoplasmic Reticulum Inflames the Mitochondria. <i>Immunity</i> , 2015, 43, 409-411.	14.3	5
32	Caspase-11: The Noncanonical Guardian of Cytosolic Sanctity. <i>Cell Host and Microbe</i> , 2013, 13, 243-245.	11.0	4
33	Jack-of-all-trades: itaconate tolerizes NLRP3 inflammasome activation. <i>Cell Reports</i> , 2021, 34, 108855.	6.4	3
34	A RHIM with a View: FLYing with Functional Amyloids. <i>Immunity</i> , 2017, 47, 604-606.	14.3	2
35	Dual pH/Activity Probes Expand the Cathepsin Toolkit. <i>Cell Chemical Biology</i> , 2016, 23, 891-892.	5.2	0