

Thirumala-Devi Kanneganti

List of Publications by Year in descending order

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319
papers

53,477
citations

1163

111
h-index

1527

218
g-index

329
all docs

329
docs citations

329
times ranked

58739
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662</i>	4.3	1,430
4	The ketone metabolite β -hydroxybutyrate blocks NLRP3 inflammasome-mediated inflammatory disease. <i>Nature Medicine</i> , 2015, 21, 263-269.	15.2	1,400
5	Molecular mechanisms and functions of pyroptosis, inflammatory caspases and inflammasomes in infectious diseases. <i>Immunological Reviews</i> , 2017, 277, 61-75.	2.8	1,104
6	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1β in salmonella-infected macrophages. <i>Nature Immunology</i> , 2006, 7, 576-582.	7.0	1,028
7	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , 2006, 440, 233-236.	13.7	1,016
8	Synergism of TNF- α and IFN- β Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. <i>Cell</i> , 2021, 184, 149-168.e17.	13.5	923
9	Intracellular NOD-like Receptors in Host Defense and Disease. <i>Immunity</i> , 2007, 27, 549-559.	6.6	893
10	The NLRP3 Inflammasome Protects against Loss of Epithelial Integrity and Mortality during Experimental Colitis. <i>Immunity</i> , 2010, 32, 379-391.	6.6	830
11	Regulation of inflammasome activation. <i>Immunological Reviews</i> , 2015, 265, 6-21.	2.8	813
12	Molecular characterization of LC3-associated phagocytosis reveals distinct roles for Rubicon, NOX2 and autophagy proteins. <i>Nature Cell Biology</i> , 2015, 17, 893-906.	4.6	702
13	The Intracellular Sensor NLRP3 Mediates Key Innate and Healing Responses to Influenza A Virus via the Regulation of Caspase-1. <i>Immunity</i> , 2009, 30, 566-575.	6.6	640
14	Inflammasome is a central player in the induction of obesity and insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15324-15329.	3.3	602
15	Critical Role for Cryopyrin/Nalp3 in Activation of Caspase-1 in Response to Viral Infection and Double-stranded RNA*. <i>Journal of Biological Chemistry</i> , 2006, 281, 36560-36568.	1.6	598
16	Toll-like receptor-induced arginase 1 in macrophages thwarts effective immunity against intracellular pathogens. <i>Nature Immunology</i> , 2008, 9, 1399-1406.	7.0	558
17	The Inflammasome-Mediated Caspase-1 Activation Controls Adipocyte Differentiation and Insulin Sensitivity. <i>Cell Metabolism</i> , 2010, 12, 593-605.	7.2	558
18	The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation. <i>Journal of Cell Biology</i> , 2016, 213, 617-629.	2.3	536

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19	Converging roles of caspases in inflammasome activation, cell death and innate immunity. <i>Nature Reviews Immunology</i> , 2016, 16, 7-21.	10.6	521
20	Pannexin-1-Mediated Recognition of Bacterial Molecules Activates the Cryopyrin Inflammasome Independent of Toll-like Receptor Signaling. <i>Immunity</i> , 2007, 26, 433-443.	6.6	490
21	Caspases in Cell Death, Inflammation, and Pyroptosis. <i>Annual Review of Immunology</i> , 2020, 38, 567-595.	9.5	470
22	ZBP1/DAI is an innate sensor of influenza virus triggering the NLRP3 inflammasome and programmed cell death pathways. <i>Science Immunology</i> , 2016, 1, .	5.6	464
23	RICK/RIP2 Mediates Innate Immune Responses Induced through Nod1 and Nod2 but Not TLRs. <i>Journal of Immunology</i> , 2007, 178, 2380-2386.	0.4	452
24	RIPK1 Blocks Early Postnatal Lethality Mediated by Caspase-8 and RIPK3. <i>Cell</i> , 2014, 157, 1189-1202.	13.5	452
25	NLRP3 inflammasome in cancer and metabolic diseases. <i>Nature Immunology</i> , 2021, 22, 550-559.	7.0	439
26	FADD and Caspase-8 Mediate Priming and Activation of the Canonical and Noncanonical Nlrp3 Inflammasomes. <i>Journal of Immunology</i> , 2014, 192, 1835-1846.	0.4	429
27	Diverging inflammasome signals in tumorigenesis and potential targeting. <i>Nature Reviews Cancer</i> , 2019, 19, 197-214.	12.8	426
28	Negative regulation of the NLRP3 inflammasome by A20 protects against arthritis. <i>Nature</i> , 2014, 512, 69-73.	13.7	419
29	Regulation of Legionella Phagosome Maturation and Infection through Flagellin and Host Ipaf. <i>Journal of Biological Chemistry</i> , 2006, 281, 35217-35223.	1.6	417
30	The C-terminal half of Phytophthora infestans RXLR effector AVR3a is sufficient to trigger R3a-mediated hypersensitivity and suppress INF1-induced cell death in Nicotiana benthamiana. <i>Plant Journal</i> , 2006, 48, 165-176.	2.8	402
31	Inflammasome-Dependent Release of the Alarmin HMGB1 in Endotoxemia. <i>Journal of Immunology</i> , 2010, 185, 4385-4392.	0.4	397
32	Immunological complications of obesity. <i>Nature Immunology</i> , 2012, 13, 707-712.	7.0	382
33	Central roles of NLRs and inflammasomes in viral infection. <i>Nature Reviews Immunology</i> , 2010, 10, 688-698.	10.6	369
34	TLR2 senses the SARS-CoV-2 envelope protein to produce inflammatory cytokines. <i>Nature Immunology</i> , 2021, 22, 829-838.	7.0	364
35	The NOD-Like Receptor NLRP12 Attenuates Colon Inflammation and Tumorigenesis. <i>Cancer Cell</i> , 2011, 20, 649-660.	7.7	343
36	Inflammasome activation and assembly at a glance. <i>Journal of Cell Science</i> , 2017, 130, 3955-3963.	1.2	331

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37	NLRP6 negatively regulates innate immunity and host defence against bacterial pathogens. <i>Nature</i> , 2012, 488, 389-393.	13.7	328
38	IL-18 Production Downstream of the Nlrp3 Inflammasome Confers Protection against Colorectal Tumor Formation. <i>Journal of Immunology</i> , 2010, 185, 4912-4920.	0.4	326
39	Receptor interacting protein kinase 2-mediated mitophagy regulates inflammasome activation during virus infection. <i>Nature Immunology</i> , 2013, 14, 480-488.	7.0	320
40	Differential Requirement of P2X7 Receptor and Intracellular K ⁺ for Caspase-1 Activation Induced by Intracellular and Extracellular Bacteria. <i>Journal of Biological Chemistry</i> , 2007, 282, 18810-18818.	1.6	303
41	Innate immunity: the first line of defense against SARS-CoV-2. <i>Nature Immunology</i> , 2022, 23, 165-176.	7.0	303
42	Mitochondria: diversity in the regulation of the NLRP3 inflammasome. <i>Trends in Molecular Medicine</i> , 2015, 21, 193-201.	3.5	302
43	The transcription factor IRF1 and guanylate-binding proteins target activation of the AIM2 inflammasome by Francisella infection. <i>Nature Immunology</i> , 2015, 16, 467-475.	7.0	291
44	Inflammasomes and Cancer. <i>Cancer Immunology Research</i> , 2017, 5, 94-99.	1.6	290
45	Fatty acid-induced mitochondrial uncoupling elicits inflammasome-independent IL-1 β and sterile vascular inflammation in atherosclerosis. <i>Nature Immunology</i> , 2013, 14, 1045-1053.	7.0	283
46	Targeted Peptide-centric Proteomics Reveals Caspase-7 as a Substrate of the Caspase-1 Inflammasomes. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 2350-2363.	2.5	276
47	Recent advances in inflammasome biology. <i>Current Opinion in Immunology</i> , 2018, 50, 32-38.	2.4	270
48	Critical Role for the DNA Sensor AIM2 in Stem Cell Proliferation and Cancer. <i>Cell</i> , 2015, 162, 45-58.	13.5	266
49	DDX3X acts as a live-or-die checkpoint in stressed cells by regulating NLRP3 inflammasome. <i>Nature</i> , 2019, 573, 590-594.	13.7	262
50	Engagement of fatty acids with toll-like receptor 2 drives interleukin-1 β production via the ASC/caspase 1 pathway in monosodium urate monohydrate crystal-induced gouty arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 3237-3248.	6.7	259
51	Dietary modulation of the microbiome affects autoinflammatory disease. <i>Nature</i> , 2014, 516, 246-249.	13.7	258
52	AIM2 inflammasome in infection, cancer, and autoimmunity: Role in DNA sensing, inflammation, and innate immunity. <i>European Journal of Immunology</i> , 2016, 46, 269-280.	1.6	253
53	Caspase-6 Is a Key Regulator of Innate Immunity, Inflammasome Activation, and Host Defense. <i>Cell</i> , 2020, 181, 674-687.e13.	13.5	252
54	Critical role for Ipaf in <i>Pseudomonas aeruginosa</i> -induced caspase-1 activation. <i>European Journal of Immunology</i> , 2007, 37, 3030-3039.	1.6	251

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55	The TWIK2 Potassium Efflux Channel in Macrophages Mediates NLRP3 Inflammasome-Induced Inflammation. <i>Immunity</i> , 2018, 49, 56-65.e4.	6.6	247
56	The Nlrp3 inflammasome: contributions to intestinal homeostasis. <i>Trends in Immunology</i> , 2011, 32, 171-179.	2.9	238
57	The Inflammasome Puts Obesity in the Danger Zone. <i>Cell Metabolism</i> , 2012, 15, 10-18.	7.2	237
58	IRGB10 Liberates Bacterial Ligands for Sensing by the AIM2 and Caspase-11-NLRP3 Inflammasomes. <i>Cell</i> , 2016, 167, 382-396.e17.	13.5	237
59	Identification of the PANoptosome: A Molecular Platform Triggering Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 237.	1.8	235
60	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.	1.8	231
61	Concerted Activation of the AIM2 and NLRP3 Inflammasomes Orchestrates Host Protection against <i>Aspergillus</i> Infection. <i>Cell Host and Microbe</i> , 2015, 17, 357-368.	5.1	227
62	AIM2 forms a complex with pyrin and ZBP1 to drive PANoptosis and host defence. <i>Nature</i> , 2021, 597, 415-419.	13.7	221
63	Fungal Chitin Dampens Inflammation through IL-10 Induction Mediated by NOD2 and TLR9 Activation. <i>PLoS Pathogens</i> , 2014, 10, e1004050.	2.1	215
64	Toll or Interleukin-1 Receptor (TIR) Domain-containing Adaptor Inducing Interferon- β (TRIF)-mediated Caspase-11 Protease Production Integrates Toll-like Receptor 4 (TLR4) Protein- and Nlrp3 Inflammasome-mediated Host Defense against Enteropathogens. <i>Journal of Biological Chemistry</i> , 2012, 287, 34474-34483.	1.6	211
65	Caspase-7: A protease involved in apoptosis and inflammation. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 21-24.	1.2	210
66	The regulation of the ZBP1-NLRP3 inflammasome and its implications in pyroptosis, apoptosis, and necroptosis (PANoptosis). <i>Immunological Reviews</i> , 2020, 297, 26-38.	2.8	208
67	Function and regulation of IL-1 β in inflammatory diseases and cancer. <i>Immunological Reviews</i> , 2018, 281, 124-137.	2.8	201
68	The PANoptosome: A Deadly Protein Complex Driving Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 238.	1.8	201
69	Inflammasomes and autoimmunity. <i>Trends in Molecular Medicine</i> , 2011, 17, 57-64.	3.5	196
70	The Malarial Host-Targeting Signal Is Conserved in the Irish Potato Famine Pathogen. <i>PLoS Pathogens</i> , 2006, 2, e50.	2.1	189
71	Activation of the NLRP1b inflammasome independently of ASC-mediated caspase-1 autoproteolysis and speck formation. <i>Nature Communications</i> , 2014, 5, 3209.	5.8	185
72	From pyroptosis, apoptosis and necroptosis to PANoptosis: A mechanistic compendium of programmed cell death pathways. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4641-4657.	1.9	184

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73	Synergistic Interactions of the Plant Cell Death Pathways Induced by <i>Phytophthora infestans</i> Nep1-Like Protein PiNPP1.1 and INF1 Elicitin. <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 854-863.	1.4	178
74	Innate immune priming in the absence of TAK1 drives RIPK1 kinase activityâ€“independent pyroptosis, apoptosis, necroptosis, and inflammatory disease. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	178
75	Caspase-1 inflammasomes in infection and inflammation. <i>Journal of Leukocyte Biology</i> , 2007, 82, 220-225.	1.5	176
76	Mechanisms governing inflammasome activation, assembly and pyroptosis induction. <i>International Immunology</i> , 2017, 29, 201-210.	1.8	174
77	Toward targeting inflammasomes: insights into their regulation and activation. <i>Cell Research</i> , 2020, 30, 315-327.	5.7	171
78	The dectin-1/inflammasome pathway is responsible for the induction of protective T-helper 17 responses that discriminate between yeasts and hyphae of <i>Candida albicans</i> . <i>Journal of Leukocyte Biology</i> , 2011, 90, 357-366.	1.5	169
79	TAK1 restricts spontaneous NLRP3 activation and cell death to control myeloid proliferation. <i>Journal of Experimental Medicine</i> , 2018, 215, 1023-1034.	4.2	167
80	Caspase-7 Activation by the Nlrc4/Ipaf Inflammasome Restricts <i>Legionella pneumophila</i> Infection. <i>PLoS Pathogens</i> , 2009, 5, e1000361.	2.1	166
81	Distinct Roles of TLR2 and the Adaptor ASC in IL-1 β /IL-18 Secretion in Response to <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2006, 176, 4337-4342.	0.4	165
82	Nod1/RICK and TLR Signaling Regulate Chemokine and Antimicrobial Innate Immune Responses in Mesothelial Cells. <i>Journal of Immunology</i> , 2007, 179, 514-521.	0.4	165
83	IL-33 regulates the IgA-microbiota axis to restrain IL-1 β -dependent colitis and tumorigenesis. <i>Journal of Clinical Investigation</i> , 2016, 126, 4469-4481.	3.9	165
84	Role of AIM2 inflammasome in inflammatory diseases, cancer and infection. <i>European Journal of Immunology</i> , 2019, 49, 1998-2011.	1.6	162
85	ZBP1: Innate Sensor Regulating Cell Death and Inflammation. <i>Trends in Immunology</i> , 2018, 39, 123-134.	2.9	161
86	MHCII-independent CD4+ T cells protect injured CNS neurons via IL-4. <i>Journal of Clinical Investigation</i> , 2015, 125, 699-714.	3.9	161
87	NLRC3 is an inhibitory sensor of PI3Kâ€“mTOR pathways in cancer. <i>Nature</i> , 2016, 540, 583-587.	13.7	160
88	ADAR1 restricts ZBP1-mediated immune response and PANoptosis to promote tumorigenesis. <i>Cell Reports</i> , 2021, 37, 109858.	2.9	157
89	The â€“cytokine stormâ€“: molecular mechanisms and therapeutic prospects. <i>Trends in Immunology</i> , 2021, 42, 681-705.	2.9	156
90	Coronaviruses: Innate Immunity, Inflammasome Activation, Inflammatory Cell Death, and Cytokines. <i>Trends in Immunology</i> , 2020, 41, 1083-1099.	2.9	154

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91	RIP1-driven autoinflammation targets IL-1 β independently of inflammasomes and RIP3. <i>Nature</i> , 2013, 498, 224-227.	13.7	149
92	MiR-155 Induction by <i>F. novicida</i> but Not the Virulent <i>F. tularensis</i> Results in SHIP Down-Regulation and Enhanced Pro-Inflammatory Cytokine Response. <i>PLoS ONE</i> , 2009, 4, e8508.	1.1	144
93	Impaired NLRP3 inflammasome activation/pyroptosis leads to robust inflammatory cell death via caspase-8/RIPK3 during coronavirus infection. <i>Journal of Biological Chemistry</i> , 2020, 295, 14040-14052.	1.6	144
94	IRF8 Regulates Transcription of Naips for NLRC4 Inflammasome Activation. <i>Cell</i> , 2018, 173, 920-933.e13.	13.5	142
95	Cutting Edge: Critical Role for PYCARD/ASC in the Development of Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2010, 184, 4610-4614.	0.4	139
96	SYK-CARD9 Signaling Axis Promotes Gut Fungi-Mediated Inflammasome Activation to Restrict Colitis and Colon Cancer. <i>Immunity</i> , 2018, 49, 515-530.e5.	6.6	138
97	Inflammasome control of viral infection. <i>Current Opinion in Virology</i> , 2015, 12, 38-46.	2.6	136
98	Novel Roles for Caspase-8 in IL-1 β and Inflammasome Regulation. <i>American Journal of Pathology</i> , 2015, 185, 17-25.	1.9	136
99	IL-1 family cytokines trigger sterile inflammatory disease. <i>Frontiers in Immunology</i> , 2012, 3, 315.	2.2	134
100	The expanding role of <sc>NLR</sc>s in antiviral immunity. <i>Immunological Reviews</i> , 2013, 255, 13-24.	2.8	133
101	Regulation of lysosomal dynamics and autophagy by CTSB/cathepsin B. <i>Autophagy</i> , 2016, 12, 2504-2505.	4.3	133
102	Nucleotide-Binding Oligomerization Domain-Like Receptors: Intracellular Pattern Recognition Molecules for Pathogen Detection and Host Defense. <i>Journal of Immunology</i> , 2006, 177, 3507-3513.	0.4	131
103	Protective Roles for Caspase-8 and cFLIP in Adult Homeostasis. <i>Cell Reports</i> , 2013, 5, 340-348.	2.9	130
104	Deregulated inflammasome signaling in disease. <i>Immunological Reviews</i> , 2011, 243, 163-173.	2.8	129
105	Role of Inflammasomes in Host Defense against <i>Citrobacter rodentium</i> Infection. <i>Journal of Biological Chemistry</i> , 2012, 287, 16955-16964.	1.6	128
106	Fungal Zymosan and Mannan Activate the Cryopyrin Inflammasome. <i>Journal of Biological Chemistry</i> , 2009, 284, 20574-20581.	1.6	126
107	The inflammasome drives protective Th1 and Th17 cellular responses in disseminated candidiasis. <i>European Journal of Immunology</i> , 2011, 41, 2260-2268.	1.6	126
108	NALP3 inflammasome upregulation and CASP1 cleavage of the glucocorticoid receptor cause glucocorticoid resistance in leukemia cells. <i>Nature Genetics</i> , 2015, 47, 607-614.	9.4	126

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109	ZBP1/DAI ubiquitination and sensing of influenza vRNPs activate programmed cell death. <i>Journal of Experimental Medicine</i> , 2017, 214, 2217-2229.	4.2	126
110	Interferon regulatory factor 1 regulates PANoptosis to prevent colorectal cancer. <i>JCI Insight</i> , 2020, 5, .	2.3	125
111	The NLRP3 Inflammasome Promotes Age-Related Thymic Demise and Immunosenescence. <i>Cell Reports</i> , 2012, 1, 56-68.	2.9	122
112	<i>Salmonella</i> exploits NLRP12-dependent innate immune signaling to suppress host defenses during infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 385-390.	3.3	122
113	Inflammasome Activation by Bacterial Outer Membrane Vesicles Requires Guanylate Binding Proteins. <i>MBio</i> , 2017, 8, .	1.8	122
114	Chronic TLR Stimulation Controls NLRP3 Inflammasome Activation through IL-10 Mediated Regulation of NLRP3 Expression and Caspase-8 Activation. <i>Scientific Reports</i> , 2015, 5, 14488.	1.6	120
115	TLR2 and RIP2 Pathways Mediate Autophagy of <i>Listeria monocytogenes</i> via Extracellular Signal-regulated Kinase (ERK) Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 42981-42991.	1.6	119
116	Rewiring cellular metabolism via the AKT/mTOR pathway contributes to host defence against <i>Mycobacterium tuberculosis</i> in human and murine cells. <i>European Journal of Immunology</i> , 2016, 46, 2574-2586.	1.6	118
117	Nlrp3: An immune sensor of cellular stress and infection. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 792-795.	1.2	117
118	Signaling via the RIP2 Adaptor Protein in Central Nervous System-Infiltrating Dendritic Cells Promotes Inflammation and Autoimmunity. <i>Immunity</i> , 2011, 34, 75-84.	6.6	116
119	Cutting Edge: STING Mediates Protection against Colorectal Tumorigenesis by Governing the Magnitude of Intestinal Inflammation. <i>Journal of Immunology</i> , 2014, 193, 4779-4782.	0.4	115
120	Cutting Edge: Proteolytic Inactivation of Poly(ADP-Ribose) Polymerase 1 by the Nlrp3 and Nlrc4 Inflammasomes. <i>Journal of Immunology</i> , 2010, 185, 3127-3130.	0.4	114
121	Gasdermin D: the long-awaited executioner of pyroptosis. <i>Cell Research</i> , 2015, 25, 1183-1184.	5.7	113
122	An NLRP3 inflammasome-triggered Th2-biased adaptive immune response promotes leishmaniasis. <i>Journal of Clinical Investigation</i> , 2015, 125, 1329-1338.	3.9	113
123	PANoptosis in microbial infection. <i>Current Opinion in Microbiology</i> , 2021, 59, 42-49.	2.3	113
124	Pyrin Inflammasome Regulates Tight Junction Integrity to Restrict Colitis and Tumorigenesis. <i>Gastroenterology</i> , 2018, 154, 948-964.e8.	0.6	112
125	Unsolved Mysteries in NLR Biology. <i>Frontiers in Immunology</i> , 2013, 4, 285.	2.2	111
126	Gasdermin D mediates the pathogenesis of neonatal-onset multisystem inflammatory disease in mice. <i>PLoS Biology</i> , 2018, 16, e3000047.	2.6	110

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127	The Nod-Like Receptor Family Member Nalp5/Birc1e Restricts <i>Legionella pneumophila</i> Growth Independently of Caspase-1 Activation. <i>Journal of Immunology</i> , 2007, 178, 8022-8027.	0.4	109
128	Role of the Nalp3 inflammasome in acetaminophen-induced sterile inflammation and liver injury. <i>Toxicology and Applied Pharmacology</i> , 2011, 252, 289-297.	1.3	109
129	Differential roles of caspase-1 and caspase-11 in infection and inflammation. <i>Scientific Reports</i> , 2017, 7, 45126.	1.6	109
130	Caspase-1 Engagement and TLR-Induced c-FLIP Expression Suppress ASC/Caspase-8-Dependent Apoptosis by Inflammasome Sensors NLRP1b and NLRC4. <i>Cell Reports</i> , 2017, 21, 3427-3444.	2.9	109
131	Inflammasome-Derived IL-1 β Regulates the Production of GM-CSF by CD4 $^+$ T Cells and $\gamma\delta$ T Cells. <i>Journal of Immunology</i> , 2012, 188, 3107-3115.	0.4	108
132	Critical role for inflammasome-independent IL-1 β production in osteomyelitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1066-1071.	3.3	107
133	Flagellin-induced NLRC4 phosphorylation primes the inflammasome for activation by NAIP5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1541-1546.	3.3	102
134	Programming inflammatory cell death for therapy. , 2022, 232, 108010.		102
135	The inflammasome adaptor ASC regulates the function of adaptive immune cells by controlling Dock2-mediated Rac activation and actin polymerization. <i>Nature Immunology</i> , 2011, 12, 1010-1016.	7.0	101
136	HMGB1 release by inflammasomes. <i>Virulence</i> , 2011, 2, 162-165.	1.8	101
137	NLRP3 inflammasome activation triggers gasdermin D α -independent inflammation. <i>Science Immunology</i> , 2021, 6, eabj3859.	5.6	100
138	The Z β 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.	1.6	99
139	NOD α -like receptor (NLR) signaling beyond the inflammasome. <i>European Journal of Immunology</i> , 2010, 40, 624-627.	1.6	98
140	Mitochondrial Stress-Initiated Aberrant Activation of the NLRP3 Inflammasome Regulates the Functional Deterioration of Hematopoietic Stem Cell Aging. <i>Cell Reports</i> , 2019, 26, 945-954.e4.	2.9	98
141	NLRP3 inflammasome plays a redundant role with caspase 8 to promote IL-1 β -mediated osteomyelitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4452-4457.	3.3	97
142	Inflammasome-independent role of the apoptosis-associated speck-like protein containing CARD (ASC) in the adjuvant effect of MF59. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2927-2932.	3.3	95
143	ZBP1 promotes fungi-induced inflammasome activation and pyroptosis, apoptosis, and necroptosis (PANoptosis). <i>Journal of Biological Chemistry</i> , 2020, 295, 18276-18283.	1.6	94
144	Signaling via the kinase p38 β programs dendritic cells to drive TH17 differentiation and autoimmune inflammation. <i>Nature Immunology</i> , 2012, 13, 152-161.	7.0	93

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145	Caspase-11 is expressed in the colonic mucosa and protects against dextran sodium sulfate-induced colitis. <i>Mucosal Immunology</i> , 2014, 7, 1480-1491.	2.7	91
146	The NLRP12 Sensor Negatively Regulates Autoinflammatory Disease by Modulating Interleukin-4 Production in T Cells. <i>Immunity</i> , 2015, 42, 654-664.	6.6	91
147	DNA Sensing in the Innate Immune Response. <i>Physiology</i> , 2020, 35, 112-124.	1.6	91
148	Occurrence of ochratoxin A in black pepper, coriander, ginger and turmeric in India. <i>Food Additives and Contaminants</i> , 2001, 18, 830-835.	2.0	90
149	Interferon-inducible guanylate-binding proteins at the interface of cell-autonomous immunity and inflammasome activation. <i>Journal of Leukocyte Biology</i> , 2017, 101, 143-150.	1.5	90
150	Inflammatory Cell Death, PANoptosis, Mediated by Cytokines in Diverse Cancer Lineages Inhibits Tumor Growth. <i>ImmunoHorizons</i> , 2021, 5, 568-580.	0.8	88
151	Role of the Nlrp3 Inflammasome in Microbial Infection. <i>Frontiers in Microbiology</i> , 2011, 2, 12.	1.5	87
152	Oxidized Low-Density Lipoprotein Immune Complex Priming of the Nlrp3 Inflammasome Involves TLR and FcγR Cooperation and Is Dependent on CARD9. <i>Journal of Immunology</i> , 2017, 198, 2105-2114.	0.4	87
153	Cutting Edge: Distinct Regulatory Mechanisms Control Proinflammatory Cytokines IL-18 and IL-1β. <i>Journal of Immunology</i> , 2017, 198, 4210-4215.	0.4	86
154	Lung γδ T Cells Mediate Protective Responses during Neonatal Influenza Infection that Are Associated with Type 2 Immunity. <i>Immunity</i> , 2018, 49, 531-544.e6.	6.6	85
155	Inflammasome-independent Role of Apoptosis-associated Speck-like Protein Containing a CARD (ASC) in T Cell Priming Is Critical for Collagen-induced Arthritis. <i>Journal of Biological Chemistry</i> , 2010, 285, 12454-12462.	1.6	84
156	Role of type I interferons in inflammasome activation, cell death, and disease during microbial infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 77.	1.8	84
157	<i>Brucella abortus</i> Triggers a cGAS-Independent STING Pathway To Induce Host Protection That Involves Guanylate-Binding Proteins and Inflammasome Activation. <i>Journal of Immunology</i> , 2018, 200, 607-622.	0.4	84
158	Inflammasomes and the fine line between defense and disease. <i>Current Opinion in Immunology</i> , 2020, 62, 39-44.	2.4	84
159	ZBP1-dependent inflammatory cell death, PANoptosis, and cytokine storm disrupt IFN therapeutic efficacy during coronavirus infection. <i>Science Immunology</i> , 2022, 7, eabo6294.	5.6	82
160	Development and Application of an Indirect Competitive Enzyme-Linked Immunoassay for Aflatoxin M1 in Milk and Milk-Based Confectionery. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 933-937.	2.4	80
161	Reactive Oxygen Species Regulate Caspase-11 Expression and Activation of the Non-canonical NLRP3 Inflammasome during Enteric Pathogen Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004410.	2.1	79
162	Aluminum enhances inflammation and decreases mucosal healing in experimental colitis in mice. <i>Mucosal Immunology</i> , 2014, 7, 589-601.	2.7	78

#	ARTICLE	IF	CITATIONS
163	IRF1 Is a Transcriptional Regulator of ZBP1 Promoting NLRP3 Inflammasome Activation and Cell Death during Influenza Virus Infection. <i>Journal of Immunology</i> , 2018, 200, 1489-1495.	0.4	78
164	Galactosaminogalactan activates the inflammasome to provide host protection. <i>Nature</i> , 2020, 588, 688-692.	13.7	78
165	Specific inhibition of NLRP3 in chikungunya disease reveals a role for inflammasomes in alphavirus-induced inflammation. <i>Nature Microbiology</i> , 2017, 2, 1435-1445.	5.9	77
166	The host range of Tobacco streak virus in India and transmission by thrips. <i>Annals of Applied Biology</i> , 2003, 142, 365-368.	1.3	76
167	Inflammasome activation in obesity-related inflammatory diseases and autoimmunity. <i>Discovery Medicine</i> , 2011, 12, 65-74.	0.5	74
168	Production of Polyclonal Antibodies against Ochratoxin A and Its Detection in Chilies by ELISA. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 5079-5082.	2.4	72
169	Cathepsin B modulates lysosomal biogenesis and host defense against <i>Francisella novicida</i> infection. <i>Journal of Experimental Medicine</i> , 2016, 213, 2081-2097.	4.2	72
170	A functional genetic assay for nuclear trafficking in plants. <i>Plant Journal</i> , 2007, 50, 149-158.	2.8	70
171	Bypassing Pathogen-Induced Inflammasome Activation for the Regulation of Interleukin-1 β Production by the Fungal Pathogen <i>Candida albicans</i> . <i>Journal of Infectious Diseases</i> , 2009, 199, 1087-1096.	1.9	70
172	NLRP12 in innate immunity and inflammation. <i>Molecular Aspects of Medicine</i> , 2020, 76, 100887.	2.7	70
173	Regulation and functions of NLRP3 inflammasome during influenza virus infection. <i>Molecular Immunology</i> , 2017, 86, 56-64.	1.0	69
174	Caspase-8-Dependent Inflammatory Responses Are Controlled by Its Adaptor, FADD, and Necroptosis. <i>Immunity</i> , 2020, 52, 994-1006.e8.	6.6	69
175	RIPK1 Distinctly Regulates <i>Yersinia</i> -Induced Inflammatory Cell Death, PANoptosis. <i>ImmunoHorizons</i> , 2020, 4, 789-796.	0.8	69
176	Innate immunity against <i>Leishmania</i> infections. <i>Cellular Microbiology</i> , 2015, 17, 1286-1294.	1.1	68
177	Differential role of the NLRP3 inflammasome in infection and tumorigenesis. <i>Immunology</i> , 2019, 156, 329-338.	2.0	68
178	Computational and comparative analyses of 150 full-length cDNA sequences from the oomycete plant pathogen <i>Phytophthora infestans</i> . <i>Fungal Genetics and Biology</i> , 2006, 43, 20-33.	0.9	65
179	Inflammatory Bowel Disease and the NLRP3 Inflammasome. <i>New England Journal of Medicine</i> , 2017, 377, 694-696.	13.9	65
180	Recognition of <i>Borrelia burgdorferi</i> by NOD2 Is Central for the Induction of an Inflammatory Reaction. <i>Journal of Infectious Diseases</i> , 2010, 201, 1849-1858.	1.9	64

#	ARTICLE	IF	CITATIONS
181	Advances in Understanding Activation and Function of the NLRC4 Inflammasome. International Journal of Molecular Sciences, 2021, 22, 1048.	1.8	64
182	Cell death-mediated cytokine release and its therapeutic implications. Journal of Experimental Medicine, 2019, 216, 1474-1486.	4.2	63
183	Caspase-7 deficiency protects from endotoxin-induced lymphocyte apoptosis and improves survival. Blood, 2009, 113, 2742-2745.	0.6	60
184	NLRC3 regulates cellular proliferation and apoptosis to attenuate the development of colorectal cancer. Cell Cycle, 2017, 16, 1243-1251.	1.3	60
185	Production and characterization of monoclonal antibodies for aflatoxin B1. Letters in Applied Microbiology, 1999, 29, 284-288.	1.0	57
186	Occurrence of Tobacco streak virus on Peanut (<i>Arachis hypogaea</i>) in India. Plant Disease, 2002, 86, 173-178.	0.7	56
187	The inflammasome: firing up innate immunity. Immunological Reviews, 2015, 265, 1-5.	2.8	56
188	Intracellular innate immune receptors: Life inside the cell. Immunological Reviews, 2020, 297, 5-12.	2.8	54
189	Tyrosine Kinase SYK Licenses MyD88 Adaptor Protein to Instigate IL-1 β -Mediated Inflammatory Disease. Immunity, 2017, 46, 635-648.	6.6	53
190	Fungal ligands released by innate immune effectors promote inflammasome activation during <i>Aspergillus fumigatus</i> infection. Nature Microbiology, 2019, 4, 316-327.	5.9	53
191	Signaling by the Phosphatase MKP-1 in Dendritic Cells Imprints Distinct Effector and Regulatory T Cell Fates. Immunity, 2011, 35, 45-58.	6.6	51
192	Guanylate binding proteins facilitate caspase-11-dependent pyroptosis in response to type 3 secretion system-negative <i>Pseudomonas aeruginosa</i> . Cell Death Discovery, 2018, 4, 3.	2.0	51
193	Osteoclast fusion and bone loss are restricted by interferon inducible guanylate binding proteins. Nature Communications, 2021, 12, 496.	5.8	51
194	IL-10 engages macrophages to shift Th17 cytokine dependency and pathogenicity during T-cell-mediated colitis. Nature Communications, 2015, 6, 6131.	5.8	50
195	Innate Immune Cell Death in Neuroinflammation and Alzheimer's Disease. Cells, 2022, 11, 1885.	1.8	49
196	Cutting Edge: SHARPIN Is Required for Optimal NLRP3 Inflammasome Activation. Journal of Immunology, 2015, 194, 2064-2067.	0.4	48
197	Gasdermin D Promotes AIM2 Inflammasome Activation and Is Required for Host Protection against <i>Francisella novicida</i> . Journal of Immunology, 2018, 201, 3662-3668.	0.4	48
198	Inflammasomes in the pathophysiology of autoinflammatory syndromes. Journal of Leukocyte Biology, 2020, 107, 379-391.	1.5	48

#	ARTICLE	IF	CITATIONS
199	DDX3X Suppresses the Susceptibility of Hindbrain Lineages to Medulloblastoma. <i>Developmental Cell</i> , 2020, 54, 455-470.e5.	3.1	47
200	Autoinflammatory Skin Disorders: The Inflammasome in Focus. <i>Trends in Molecular Medicine</i> , 2016, 22, 545-564.	3.5	45
201	Nucleotide Oligomerization and Binding Domain 2-Dependent Dendritic Cell Activation Is Necessary for Innate Immunity and Optimal CD8 ⁺ T Cell Responses to Influenza A Virus Infection. <i>Journal of Virology</i> , 2014, 88, 8946-8955.	1.5	44
202	Immune responses against protozoan parasites: a focus on the emerging role of Nod-like receptors. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3035-3051.	2.4	43
203	PANoptosis in Viral Infection: The Missing Puzzle Piece in the Cell Death Field. <i>Journal of Molecular Biology</i> , 2022, 434, 167249.	2.0	43
204	Gasdermin D Flashes an Exit Signal for IL-1. <i>Immunity</i> , 2018, 48, 1-3.	6.6	42
205	Regulation of immune pathways by the NOD-like receptor NLR5. <i>Immunobiology</i> , 2012, 217, 13-16.	0.8	41
206	Mice Deficient in the IL-1 ^{Î²} Activation Genes Prtn3, Elane, and Casp1 Are Protected Against the Development of Obesity-Induced NAFLD. <i>Inflammation</i> , 2020, 43, 1054-1064.	1.7	40
207	PANoptosis components, regulation, and implications. <i>Aging</i> , 2020, 12, 11163-11164.	1.4	40
208	NLRP6 in infection and inflammation. <i>Microbes and Infection</i> , 2013, 15, 661-668.	1.0	39
209	Sterile particle-induced inflammation is mediated by macrophages releasing IL-33 through a Bruton's tyrosine kinase-dependent pathway. <i>Nature Materials</i> , 2019, 18, 289-297.	13.3	39
210	The innate immune system and cell death in autoinflammatory and autoimmune disease. <i>Current Opinion in Immunology</i> , 2020, 67, 95-105.	2.4	39
211	Genetic deficiency of NOD2 confers resistance to invasive aspergillosis. <i>Nature Communications</i> , 2018, 9, 2636.	5.8	38
212	Asc-Dependent and Independent Mechanisms Contribute to Restriction of Legionella Pneumophila Infection in Murine Macrophages. <i>Frontiers in Microbiology</i> , 2011, 2, 18.	1.5	37
213	<i>Borrelia</i> species induce inflammasome activation and IL-17 production through a caspase-1-dependent mechanism. <i>European Journal of Immunology</i> , 2011, 41, 172-181.	1.6	37
214	DNA-sensing inflammasomes: regulation of bacterial host defense and the gut microbiota. <i>Pathogens and Disease</i> , 2016, 74, ftw028.	0.8	37
215	It's All in the PAN: Crosstalk, Plasticity, Redundancies, Switches, and Interconnectedness Encompassed by PANoptosis Underlying the Totality of Cell Death-Associated Biological Effects. <i>Cells</i> , 2022, 11, 1495.	1.8	37
216	The role of inflammasome modulation in virulence. <i>Virulence</i> , 2012, 3, 262-270.	1.8	36

#	ARTICLE	IF	CITATIONS
217	Inflammatory cell death in intestinal pathologies. <i>Immunological Reviews</i> , 2017, 280, 57-73.	2.8	36
218	Reciprocal Regulation of Activating and Inhibitory Fc γ 3 Receptors by TLR7/8 Activation: Implications for Tumor Immunotherapy. <i>Clinical Cancer Research</i> , 2010, 16, 2065-2075.	3.2	35
219	Autophagy is redundant for the host defense against systemic <i>Candida albicans</i> infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 711-722.	1.3	35
220	Guanylate Binding Proteins Regulate Inflammasome Activation in Response to Hyperinjected <i>Yersinia Translocon</i> Components. <i>Infection and Immunity</i> , 2017, 85, .	1.0	35
221	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.	1.6	35
222	Role of inflammasomes/pyroptosis and PANoptosis during fungal infection. <i>PLoS Pathogens</i> , 2021, 17, e1009358.	2.1	34
223	TNF/TNFR axis promotes pyrin inflammasome activation and distinctly modulates pyrin inflammasomopathy. <i>Journal of Clinical Investigation</i> , 2018, 129, 150-162.	3.9	34
224	Membrane Damage during <i>Listeria monocytogenes</i> Infection Triggers a Caspase-7 Dependent Cytoprotective Response. <i>PLoS Pathogens</i> , 2012, 8, e1002628.	2.1	33
225	Priming and Activation of Inflammasome by Canarypox Virus Vector ALVAC via the cGAS/IFI16 \hat{a} “STING \hat{a} “Type I IFN Pathway and AIM2 Sensor. <i>Journal of Immunology</i> , 2017, 199, 3293-3305.	0.4	33
226	Serological Methods for Detection of <i>Polymyxa graminis</i> , an Obligate Root Parasite and Vector of Plant Viruses. <i>Phytopathology</i> , 2000, 90, 537-545.	1.1	32
227	Occurrence of Aflatoxins and Ochratoxin A in Indian Poultry Feeds. <i>Journal of Food Protection</i> , 2002, 65, 1338-1340.	0.8	32
228	Detrimental Type I Interferon Signaling Dominates Protective AIM2 Inflammasome Responses during <i>Francisella novicida</i> Infection. <i>Cell Reports</i> , 2018, 22, 3168-3174.	2.9	32
229	A comprehensive guide to studying inflammasome activation and cell death. <i>Nature Protocols</i> , 2020, 15, 3284-3333.	5.5	32
230	ASK1/2 signaling promotes inflammation in a mouse model of neutrophilic dermatosis. <i>Journal of Clinical Investigation</i> , 2018, 128, 2042-2047.	3.9	32
231	Innate immune adaptor MyD88 deficiency prevents skin inflammation in SHARPIN-deficient mice. <i>Cell Death and Differentiation</i> , 2019, 26, 741-750.	5.0	29
232	Phage-displayed peptides that mimic aflatoxin B1 in serological reactivity. <i>Journal of Applied Microbiology</i> , 2001, 90, 330-336.	1.4	28
233	MiR-155 Induction by Microbes/Microbial Ligands Requires NF- \hat{a} B-Dependent de novo Protein Synthesis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 73.	1.8	28
234	Beyond canonical inflammasomes: emerging pathways in IL-1-mediated autoinflammatory disease. <i>Seminars in Immunopathology</i> , 2014, 36, 595-609.	2.8	27

#	ARTICLE	IF	CITATIONS
235	IL-1 β and Caspase-1 Drive Autoinflammatory Disease Independently of IL-1 α or Caspase-8 in a Mouse Model of Familial Mediterranean Fever. <i>American Journal of Pathology</i> , 2017, 187, 236-244.	1.9	26
236	Enhanced IL-1 β production is mediated by a TLR2-MYD88-NLRP3 signaling axis during coinfection with influenza A virus and <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2019, 14, e0212236.	1.1	26
237	Distinct role of IL-1 β in instigating disease in Sharpincpdm mice. <i>Scientific Reports</i> , 2016, 6, 36634.	1.6	25
238	Pyroptosis in Antiviral Immunity. <i>Current Topics in Microbiology and Immunology</i> , 2019, , 65-83.	0.7	25
239	Innate Immune Recognition of mtDNAâ€”An Undercover Signal?. <i>Cell Metabolism</i> , 2015, 21, 793-794.	7.2	24
240	Recognition of <i>Coxiella burnetii</i> by Toll-like Receptors and Nucleotide-Binding Oligomerization Domain-like Receptors. <i>Journal of Infectious Diseases</i> , 2015, 211, 978-987.	1.9	24
241	Critical role of caspase-8-mediated IL-1 signaling in promoting Th2 responses during asthma pathogenesis. <i>Mucosal Immunology</i> , 2017, 10, 128-138.	2.7	24
242	Addendum: Defective Dock2 expression in a subset of ASC-deficient mouse lines. <i>Nature Immunology</i> , 2012, 13, 701-702.	7.0	22
243	Autophagy Modulates <i>Borrelia burgdorferi</i> -induced Production of Interleukin-1 β (IL-1 β). <i>Journal of Biological Chemistry</i> , 2013, 288, 8658-8666.	1.6	21
244	Cutting Edge: Dysregulated CARD9 Signaling in Neutrophils Drives Inflammation in a Mouse Model of Neutrophilic Dermatoses. <i>Journal of Immunology</i> , 2018, 201, 1639-1644.	0.4	21
245	The inflammasome: A remote control for metabolic syndrome. <i>Cell Research</i> , 2012, 22, 1095-1098.	5.7	20
246	Murine <i>Borrelia arthritis</i> is highly dependent on ASC and caspase-1, but independent of NLRP3. <i>Arthritis Research and Therapy</i> , 2012, 14, R247.	1.6	20
247	DOCK2 confers immunity and intestinal colonization resistance to <i>Citrobacter rodentium</i> infection. <i>Scientific Reports</i> , 2016, 6, 27814.	1.6	20
248	Deficiency of the NOD-Like Receptor NLRC5 Results in Decreased CD8 ⁺ T Cell Function and Impaired Viral Clearance. <i>Journal of Virology</i> , 2017, 91, .	1.5	20
249	ZBP1: A STARGATE to decode the biology of Z-nucleic acids in disease. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	20
250	IRF8 Regulates Gram-Negative Bacteriaâ€”Mediated NLRP3 Inflammasome Activation and Cell Death. <i>Journal of Immunology</i> , 2020, 204, 2514-2522.	0.4	19
251	Hemagglutinin Stability Regulates H1N1 Influenza Virus Replication and Pathogenicity in Mice by Modulating Type I Interferon Responses in Dendritic Cells. <i>Journal of Virology</i> , 2020, 94, .	1.5	18
252	Dynamics of <i>Polymyxa graminis</i> and Indian peanut clump virus (IPCV) infection on various monocotyledonous crops and groundnut during the rainy season. <i>Plant Pathology</i> , 2002, 51, 546-560.	1.2	17

#	ARTICLE	IF	CITATIONS
253	K+ Drops Tilt the NLRP3 Inflammasome. <i>Immunity</i> , 2013, 38, 1085-1088.	6.6	17
254	The Absence of NOD1 Enhances Killing of <i>Aspergillus fumigatus</i> Through Modulation of Dectin-1 Expression. <i>Frontiers in Immunology</i> , 2017, 8, 1777.	2.2	17
255	ASK Family Kinases Are Required for Optimal NLRP3 Inflammasome Priming. <i>American Journal of Pathology</i> , 2018, 188, 1021-1030.	1.9	17
256	Inflammasomes and intestinal tumorigenesis. <i>Drug Discovery Today Disease Mechanisms</i> , 2011, 8, e71-e78.	0.8	16
257	Inflammasome activation by nucleic acids and nucleosomes in sterile inflammation or is it sterile?. <i>FEBS Journal</i> , 2017, 284, 2363-2374.	2.2	16
258	A MyD88/IL1R Axis Regulates PD-1 Expression on Tumor-Associated Macrophages and Sustains Their Immunosuppressive Function in Melanoma. <i>Cancer Research</i> , 2021, 81, 2358-2372.	0.4	16
259	Interferon inducible GBPs restrict <i>Burkholderia thailandensis</i> motility induced cell-cell fusion. <i>PLoS Pathogens</i> , 2020, 16, e1008364.	2.1	15
260	SHP-1 and IL-1 β conspire to provoke neutrophilic dermatoses. <i>Rare Diseases (Austin, Tex)</i> , 2014, 2, e27742.	1.8	14
261	Toll-like receptor β 2 induced cytotoxic T-lymphocyte-associated protein β 4 regulates <i>Aspergillus</i> -induced regulatory T-cells with pro-inflammatory characteristics. <i>Scientific Reports</i> , 2017, 7, 11500.	1.6	14
262	Stressed-out ROS take a silent death route. <i>Nature Immunology</i> , 2018, 19, 103-105.	7.0	14
263	The nonreceptor tyrosine kinase SYK drives caspase-8/NLRP3 inflammasome-mediated autoinflammatory osteomyelitis. <i>Journal of Biological Chemistry</i> , 2020, 295, 3394-3400.	1.6	14
264	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.	0.4	14
265	<i>Bacillus anthracis</i> induces NLRP3 inflammasome activation and caspase-8-mediated apoptosis of macrophages to promote lethal anthrax. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	14
266	Drak2 is not required for tumor surveillance and suppression. <i>International Immunology</i> , 2015, 27, 161-166.	1.8	13
267	Microbiota and caspase-1/caspase-8 regulate IL-1 β -mediated bone disease. <i>Gut Microbes</i> , 2016, 7, 334-341.	4.3	13
268	Hidden Aspects of Valency in Immune System Regulation. <i>Trends in Immunology</i> , 2019, 40, 1082-1094.	2.9	13
269	RIPK3 Promotes <i>Mefv</i> Expression and Pyrin Inflammasome Activation via Modulation of mTOR Signaling. <i>Journal of Immunology</i> , 2020, 205, 2778-2785.	0.4	13
270	Advances in Inflammasome Research: Recent Breakthroughs and Future Hurdles. <i>Trends in Molecular Medicine</i> , 2020, 26, 969-971.	3.5	13

#	ARTICLE	IF	CITATIONS
271	<i>In planta</i> Expression of Oomycete and Fungal Genes. , 2007, 354, 35-44.		12
272	DDX3X Sits at the Crossroads of Liquid and Prionoid Phase Transitions Arbitrating Life and Death Cell Fate Decisions in Stressed Cells. DNA and Cell Biology, 2020, 39, 1091-1095.	0.9	12
273	Hierarchical Cell Death Program Disrupts the Intracellular Niche Required for <i>Burkholderia thailandensis</i> Pathogenesis. MBio, 2021, 12, e0105921.	1.8	12
274	Targeting NLRP6 to enhance immunity against bacterial infections. Future Microbiology, 2012, 7, 1239-1242.	1.0	11
275	A20 is a regulator of necroptosis. Nature Immunology, 2015, 16, 596-597.	7.0	11
276	Newly Identified Function of Caspase-6 in ZBP1-mediated Innate Immune Responses, NLRP3 Inflammasome Activation, PANoptosis, and Host Defense. , 2020, 2, 341-347.		11
277	Acute IL-4 Governs Pathogenic T Cell Responses during <i>Leishmania major</i> Infection. ImmunoHorizons, 2020, 4, 546-560.	0.8	11
278	DEAD/H-Box Helicases in Immunity, Inflammation, Cell Differentiation, and Cell Death and Disease. Cells, 2022, 11, 1608.	1.8	11
279	Autophagy suppresses host adaptive immune responses toward <i>Borrelia burgdorferi</i> . Journal of Leukocyte Biology, 2016, 100, 589-598.	1.5	10
280	Mechanisms and Consequences of Inflammasome Activation. Journal of Molecular Biology, 2018, 430, 131-132.	2.0	10
281	Deletion of hematopoietic Dectin-2 or CARD9 does not protect against atherosclerotic plaque formation in hyperlipidemic mice. Scientific Reports, 2019, 9, 4337.	1.6	10
282	Fungal cell wall components modulate our immune system. Cell Surface, 2021, 7, 100067.	1.5	10
283	NLRP12 in autoimmune diseases. Oncotarget, 2015, 6, 19950-19951.	0.8	9
284	The signposts and winding roads to immunity and inflammation. Nature Reviews Immunology, 2019, 19, 81-82.	10.6	8
285	Caspase-6 promotes activation of the caspase-11-NLRP3 inflammasome during gram-negative bacterial infections. Journal of Biological Chemistry, 2021, 297, 101379.	1.6	8
286	Fat Chance: Not Much against NKT Cells. Immunity, 2012, 37, 447-449.	6.6	7
287	Ets-2 deletion in myeloid cells attenuates IL-1 β -mediated inflammatory disease caused by a Ptpn6 point mutation. Cellular and Molecular Immunology, 2021, 18, 1798-1808.	4.8	7
288	Fostering experimental and computational synergy to modulate hyperinflammation. Trends in Immunology, 2022, 43, 4-7.	2.9	7

#	ARTICLE	IF	CITATIONS
289	The inflammasome starts rolling. <i>Nature Reviews Immunology</i> , 2018, 18, 483-483.	10.6	6
290	Fueling Ketone Metabolism Quenches Salt-Induced Hypertension. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 145-147.	3.1	6
291	Targeting Apoptosis Inhibition to Activate Antitumor Immunity. <i>Trends in Immunology</i> , 2019, 40, 1073-1075.	2.9	6
292	Deletion of haematopoietic Dectin-2 or CARD9 does not protect from atherosclerosis development under hyperglycaemic conditions. <i>Diabetes and Vascular Disease Research</i> , 2020, 17, 147916411989214.	0.9	6
293	The Transcription Factor IRF9 Promotes Colorectal Cancer via Modulating the IL-6/STAT3 Signaling Axis. <i>Cancers</i> , 2022, 14, 919.	1.7	6
294	Innate Immune Pathways in Host Defense. <i>Mediators of Inflammation</i> , 2012, 2012, 1-2.	1.4	5
295	Is Inflammasome a Potential Target of Prophylaxis in Rheumatic Heart Disease?. <i>Circulation</i> , 2018, 138, 2662-2665.	1.6	5
296	Sepsis take-out: Inhibiting bacterial deliveries. <i>Immunity</i> , 2021, 54, 399-401.	6.6	5
297	War on Viruses: LC3 Recruits GTPases. <i>Cell Host and Microbe</i> , 2017, 22, 7-9.	5.1	4
298	NLRC4 Deficiency Leads to Enhanced Phosphorylation of MLKL and Necroptosis. <i>ImmunoHorizons</i> , 2022, 6, 243-252.	0.8	4
299	Food for Training—Western Diet and Inflammatory Memory. <i>Cell Metabolism</i> , 2018, 27, 481-482.	7.2	3
300	It's just a phase: NLRP6 phase separations drive signaling. <i>Cell Research</i> , 2022, 32, 113-114.	5.7	3
301	Correction for Ellebedy et al., Inflammasome-independent role of the apoptosis-associated speck-like protein containing CARD (ASC) in the adjuvant effect of MF59. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4429-4429.	3.3	2
302	Metabolic regulation of pyroptotic cell death expands the therapeutic landscape for treating inflammatory disease. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 37.	7.1	2
303	TLR and IKK Complex—Mediated Innate Immune Signaling Inhibits Stress Granule Assembly. <i>Journal of Immunology</i> , 2021, 207, 115-124.	0.4	2
304	Integrated stress response restricts macrophage necroptosis. <i>Life Science Alliance</i> , 2022, 5, e202101260.	1.3	2
305	A BAF-fling connection to RIPK1. <i>Cell Research</i> , 2022, 32, 709-710.	5.7	2
306	Type I Interferon Keeps IL-1 β in Check. <i>Cell Host and Microbe</i> , 2016, 19, 272-274.	5.1	1

#	ARTICLE	IF	CITATIONS
307	cGAMP: A tale of two signals. <i>Journal of Experimental Medicine</i> , 2017, 214, 3471-3473.	4.2	1
308	Pathogen's dynamic standoff with the host. <i>Current Opinion in Microbiology</i> , 2021, 59, iii-v.	2.3	1
309	Rising to the challenge of COVID-19: Working on SARS-CoV-2 during the pandemic. <i>Molecular Cell</i> , 2021, 81, 2261-2265.	4.5	1
310	The IFN α -inducible GTPase IRGB10 regulates viral replication and inflammasome activation during influenza A virus infection in mice. <i>European Journal of Immunology</i> , 2022, 52, 285-296.	1.6	1
311	The Role Of The Inflammasome And The Apoptosome In The Control Of Pulmonary Pathogens. , 2010, , .		0
312	The Role of RIP2 in Experimental Colitis. <i>Inflammatory Bowel Diseases</i> , 2012, 18, S111.	0.9	0
313	P-227 α fNLRP12 Dampens Host Defense Responses Against Bacterial Gastroenteritis. <i>Inflammatory Bowel Diseases</i> , 2013, 19, S114-S115.	0.9	0
314	On the Road to Discovering the Elusive Executioner of Pyroptosis. <i>Journal of Immunology</i> , 2019, 202, 1911-1912.	0.4	0
315	Intestinal t α *te- $\tilde{\alpha}$ -t $\tilde{\alpha}$ *te: helminths blunt immunity against flaviviruses. <i>Cell Research</i> , 2021, 31, 723-724.	5.7	0
316	TLR7/8 Differentially Regulates Fc γ 3 Receptor Expression and Function.. <i>Blood</i> , 2009, 114, 3594-3594.	0.6	0
317	The Role of Inflammasomes in Viral Infection. , 2011, , 51-64.		0
318	The NLRC4 inflammasome requires IRF8-dependent production of NAIPs. <i>Cell Stress</i> , 2018, 2, 144-146.	1.4	0
319	Regulators of Inflammatory Responses. <i>FASEB Journal</i> , 2019, 33, 218.2.	0.2	0