Katherine A Fitzgerald

List of Publications by Year
in descending order

295	71,344	967 118	726 258
papers	citations	h-index	g-index

329	329	329	69969
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Apoptosis, Pyroptosis, and Necroptosisâ€"Oh My! The Many Ways a Cell Can Die. Journal of Molecular Biology, 2022, 434, 167378.	2.0	113
2	Myeloid cell nuclear differentiation antigen controls the pathogen-stimulated type I interferon cascade in human monocytes by transcriptional regulation of IRF7. Nature Communications, 2022, 13, 14.	5.8	18
3	Molecular mechanisms and functions of pyroptosis. Journal of Molecular Biology, 2022, 434, 167461.	2.0	14
4	REL and BHLHE40 Variants Are Associated with IL-12 and IL-10 Responses and Tuberculosis Risk. Journal of Immunology, 2022, 208, 1352-1361.	0.4	6
5	Proteogenomics Analysis Reveals Novel Micropeptides in Primary Human Immune Cells. Immuno, 2022, 2, 283-292.	0.6	0
6	Lymphocyte crosstalk is required for monocyte-intrinsic trained immunity to Plasmodium falciparum. Journal of Clinical Investigation, 2022, 132, .	3.9	11
7	Intracellular Sensing of <scp>DNA</scp> in Autoinflammation and Autoimmunity. Arthritis and Rheumatology, 2022, 74, 1615-1624.	2.9	5
8	Radioresistant cells initiate lymphocyte-dependent lung inflammation and IFNÎ³-dependent mortality in STING gain-of-function mice. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	13
9	Epithelial HNF4A shapes the intraepithelial lymphocyte compartment via direct regulation of immune signaling molecules. Journal of Experimental Medicine, 2022, 219, .	4.2	12
10	Long non-coding RNAs in antiviral immunity. Seminars in Cell and Developmental Biology, 2021, 111, 126-134.	2.3	21
11	Overcoming innate immune barriers that impede AAV gene therapy vectors. Journal of Clinical Investigation, 2021, 131, .	3.9	72
12	cGAS-STING Pathway Does Not Promote Autoimmunity in Murine Models of SLE. Frontiers in Immunology, 2021, 12, 605930.	2.2	30
13	A diamidobenzimidazole STING agonist protects against SARS-CoV-2 infection. Science Immunology, 2021, 6, .	5.6	96
14	Dysbiosis exacerbates colitis by promoting ubiquitination and accumulation of the innate immune adaptor STING in myeloid cells. Immunity, 2021, 54, 1137-1153.e8.	6.6	46
15	Cellular nucleic acidâ€"binding protein is essential for type I interferonâ€"mediated immunity to RNA virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	10
16	Lung Epithelial Cell Transcriptional Regulation as a Factor in COVID-19â€"associated Coagulopathies. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 687-697.	1.4	26
17	AIM2 regulates anti-tumor immunity and is a viable therapeutic target for melanoma. Journal of Experimental Medicine, 2021, 218, .	4.2	34
18	Igniting the firestorm: The inflammasome in autoinflammatory syndromes. Journal of Allergy and Clinical Immunology, 2021, 148, 1470-1472.	1.5	0

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19	UMP-CMP kinase 2 gene expression in macrophages is dependent on the IRF3-IFNAR signaling axis. PLoS ONE, 2021, 16, e0258989.	1.1	8
20	A genetic screen in macrophages identifies new regulators of IFNÎ³-inducible MHCII that contribute to T cell activation. ELife, 2021, 10, .	2.8	16
21	A Mitochondrial Micropeptide Is Required for Activation of the Nlrp3 Inflammasome. Journal of Immunology, 2020, 204, 428-437.	0.4	51
22	TLR2 Dimerization Blockade Allows Generation of Homeostatic Intestinal Macrophages under Acute Colitis Challenge. Journal of Immunology, 2020, 204, 707-717.	0.4	4
23	Ensuring vaccine safety. Science, 2020, 370, 1274-1275.	6.0	24
24	Loosening the grip on nuclear cGAS. Nature Genetics, 2020, 52, 1269-1270.	9.4	1
25	STAT3 serine phosphorylation is required for TLR4 metabolic reprogramming and IL-1Î² expression. Nature Communications, 2020, 11, 3816.	5.8	78
26	Caspase-8 mediates inflammation and disease in rodent malaria. Nature Communications, 2020, 11, 4596.	5.8	11
27	HDAC6 mediates an aggresome-like mechanism for NLRP3 and pyrin inflammasome activation. Science, 2020, 369, .	6.0	218
28	Succination inactivates gasdermin D and blocks pyroptosis. Science, 2020, 369, 1633-1637.	6.0	341
29	The long non-coding RNA LUCAT1 is a negative feedback regulator of interferon responses in humans. Nature Communications, 2020, 11, 6348.	5.8	48
30	Inflammasomes. Current Biology, 2020, 30, R689-R694.	1.8	18
31	Toll-like Receptors and the Control of Immunity. Cell, 2020, 180, 1044-1066.	13.5	1,099
32	Direct Binding to NLRP3 Pyrin Domain as a Novel Strategy to Prevent NLRP3â€Driven Inflammation and Gouty Arthritis. Arthritis and Rheumatology, 2020, 72, 1192-1202.	2.9	62
33	Constitutive interferon signaling maintains critical threshold of MLKL expression to license necroptosis. Cell Death and Differentiation, 2019, 26, 332-347.	5.0	129
34	DNA sensing by the cGASâ€“STING pathway in health and disease. Nature Reviews Genetics, 2019, 20, 657-674.	7.7	801
35	Assembling the Inflammasome, Piece by Piece. Journal of Immunology, 2019, 203, 1093-1094.	0.4	2
36	Gasdermins and their role in immunity and inflammation. Journal of Experimental Medicine, 2019, 216, 2453-2465.	4.2	187

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37	hnRNPA2B1: Fueling Antiviral Immunity from the Nucleus. Molecular Cell, 2019, 76, 8-10.	4.5	9
38	HiChIRP reveals RNA-associated chromosome conformation. Nature Methods, 2019, 16, 489-492.	9.0	70
39	Control of antiviral innate immune response by protein geranylgeranylation. Science Advances, 2019, 5, eaav7999.	4.7	36
40	Cell Survival and Cytokine Release after Inflammasome Activation Is Regulated by the Toll-IL-1R Protein SARM. Immunity, 2019, 50, 1412-1424.e6.	6.6	97
41	Hierarchy of clinical manifestations in SAVI N153S and V154M mouse models. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7941-7950.	3.3	83
42	Immature lung TNFR2â˜' conventional DC 2 subpopulation activates moDCs to promote cyclic di-GMP mucosal adjuvant responses in vivo. Mucosal Immunology, 2019, 12, 277-289.	2.7	24
43	Long Non-coding RNA LincRNA-EPS Inhibits Host Defense Against Listeria monocytogenes Infection. Frontiers in Cellular and Infection Microbiology, 2019, 9, 481.	1.8	23
44	Activation of Stimulator of Interferon Genes (STING) and SjÃ¶gren Syndrome. Journal of Dental Research, 2018, 97, 893-900.	2.5	37
45	Cutting Edge: Plasmodium falciparum Induces Trained Innate Immunity. Journal of Immunology, 2018, 200, 1243-1248.	0.4	101
46	A Dectin-1-Caspase-8 Pathway Licenses Canonical Caspase-1 Inflammasome Activation and Interleukin-1Î² Release in Response to a Pathogenic Fungus. Journal of Infectious Diseases, 2018, 217, 329-339.	1.9	21
47	Cytokines and Long Noncoding RNAs. Cold Spring Harbor Perspectives in Biology, 2018, 10, a028589.	2.3	58
48	cGAS drives noncanonical-inflammasome activation in age-related macular degeneration. Nature Medicine, 2018, 24, 50-61.	15.2	205
49	Cyclic GMPâ€“AMP Synthase Is the Cytosolic Sensor of Plasmodium falciparum Genomic DNA and Activates Type I IFN in Malaria. Journal of Immunology, 2018, 200, 768-774.	0.4	50
50	Dendritic Cell RIPK1 Maintains Immune Homeostasis by Preventing Inflammation and Autoimmunity. Journal of Immunology, 2018, 200, 737-748.	0.4	30
51	CNBP controls IL-12 gene transcription and Th1 immunity. Journal of Experimental Medicine, 2018, 215, 3136-3150.	4.2	36
52	Genetic Models Reveal cis and trans Immune-Regulatory Activities for lincRNA-Cox2. Cell Reports, 2018, 25, 1511-1524.e6.	2.9	73
53	Pathogen blockade of TAK1 triggers caspase-8â€“dependent cleavage of gasdermin D and cell death. Science, 2018, 362, 1064-1069.	6.0	639
54	Nrf2 negatively regulates STING indicating a link between antiviral sensing and metabolic reprogramming. Nature Communications, 2018, 9, 3506.	5.8	192

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55	Nitro-fatty acids are formed in response to virus infection and are potent inhibitors of STING palmitoylation and signaling. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7768-E7775.	3.3	150
56	Gasdermin D Restrains Type I Interferon Response to Cytosolic DNA by Disrupting Ionic Homeostasis. Immunity, 2018, 49, 413-426.e5.	6.6	187
57	Fas ligand promotes an inducible TLR-dependent model of cutaneous lupusâ€“like inflammation. Journal of Clinical Investigation, 2018, 128, 2966-2978.	3.9	41
58	Immunobiology of Long Noncoding RNAs. Annual Review of Immunology, 2017, 35, 177-198.	9.5	395
59	miR-718 represses proinflammatory cytokine production through targeting phosphatase and tensin homolog (PTEN). Journal of Biological Chemistry, 2017, 292, 5634-5644.	1.6	43
60	Kinase Activities of RIPK1 and RIPK3 Can Direct IFN-Î² Synthesis Induced by Lipopolysaccharide. Journal of Immunology, 2017, 198, 4435-4447.	0.4	51
61	cGAS Micro-Manages Genotoxic Stress. Immunity, 2017, 47, 616-617.	6.6	15
62	The PYHIN Protein p205 Regulates the Inflammasome by Controlling Asc Expression. Journal of Immunology, 2017, 199, 3249-3260.	0.4	14
63	IRF3 and type I interferons fuel a fatal response to myocardial infarction. Nature Medicine, 2017, 23, 1481-1487.	15.2	358
64	STING Contributes to Abnormal Bone Formation Induced by Deficiency of DNase II in Mice. Arthritis and Rheumatology, 2017, 69, 460-471.	2.9	27
65	Taking the STING out of TLR-driven autoimmune diseases: good, bad, or indifferent?. Journal of Leukocyte Biology, 2017, 101, 121-126.	1.5	12
66	S6K-STING interaction regulates cytosolic DNAâ€“mediated activation of the transcription factor IRF3. Nature Immunology, 2016, 17, 514-522.	7.0	67
67	Inflammasome Complexes: Emerging Mechanisms and Effector Functions. Cell, 2016, 165, 792-800.	13.5	761
68	Emerging role of long noncoding RNAs as regulators of innate immune cell development and inflammatory gene expression. European Journal of Immunology, 2016, 46, 504-512.	1.6	125
69	Group B Streptococcus Degrades Cyclic-di-AMP to Modulate STING-Dependent Type I Interferon Production. Cell Host and Microbe, 2016, 20, 49-59.	5.1	110
70	The DNA-sensing AIM2 inflammasome controls radiation-induced cell death and tissue injury. Science, 2016, 354, 765-768.	6.0	271
71	Sensing of HSV-1 by the cGASâ€“STING pathway in microglia orchestrates antiviral defence in the CNS. Nature Communications, 2016, 7, 13348.	5.8	245
72	Endoplasmic Reticulum Stress-induced Hepatocellular Death Pathways Mediate Liver Injury and Fibrosis via Stimulator of Interferon Genes. Journal of Biological Chemistry, 2016, 291, 26794-26805.	1.6	128

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73	Type I Interferon Induction by Neisseria gonorrhoeae: Dual Requirement of Cyclic GMP-AMP Synthase and Toll-like Receptor 4. Cell Reports, 2016, 15, 2438-2448.	2.9	66
74	Control of the innate immune response by the mevalonate pathway. Nature Immunology, 2016, 17, 922-929.	7.0	159
75	A Long Noncoding RNA lincRNA-EPS Acts as a Transcriptional Brake to Restrain Inflammation. Cell, 2016, 165, 1672-1685.	13.5	399
76	A Fluorescent Reporter Mouse for Inflammasome Assembly Demonstrates an Important Role for Cell-Bound and Free ASC Specks during InÂVivo Infection. Cell Reports, 2016, 16, 571-582.	2.9	99
77	Synergy between Hematopoietic and Radioresistant Stromal Cells Is Required for Autoimmune Manifestations of DNase IIâ^'/â^'IFNaRâ^'/â^' Mice. Journal of Immunology, 2016, 196, 1348-1354.	0.4	11
78	Importance of Nucleic Acid Recognition in Inflammation and Autoimmunity. Annual Review of Medicine, 2016, 67, 323-336.	5.0	135
79	An RNA twist to T _H 17 cells. Science, 2016, 351, 1032-1032.	6.0	3
80	The Vaccine Adjuvant Chitosan Promotes Cellular Immunity via DNA Sensor cGAS-STING-Dependent Induction of Type I Interferons. Immunity, 2016, 44, 597-608.	6.6	429
81	Influenza A virus targets a cGAS-independent STING pathway that controls enveloped RNA viruses. Nature Communications, 2016, 7, 10680.	5.8	169
82	Cutting Edge: Novel Tmem173 Allele Reveals Importance of STING N Terminus in Trafficking and Type I IFN Production. Journal of Immunology, 2016, 196, 547-552.	0.4	16
83	A cGAS-Independent STING/IRF7 Pathway Mediates the Immunogenicity of DNA Vaccines. Journal of Immunology, 2016, 196, 310-316.	0.4	72
84	Cutting Edge: DNA in the Lung Microenvironment during Influenza Virus Infection Tempers Inflammation by Engaging the DNA Sensor AIM2. Journal of Immunology, 2016, 196, 29-33.	0.4	38
85	Paula Pitha-Rowe 1937â€“2015. Nature Immunology, 2015, 16, 591-591.	7.0	0
86	Suppression of systemic autoimmunity by the innate immune adaptor STING. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E710-7.	3.3	139
87	The RIG-I-like helicase receptor MDA5 (IFIH1) is involved in the host defense against Candida infections. European Journal of Clinical Microbiology and Infectious Diseases, 2015, 34, 963-974.	1.3	69
88	STING-Dependent Cytosolic DNA Sensing Mediates Innate Immune Recognition of Immunogenic Tumors. Immunity, 2015, 42, 199.	6.6	5
89	Evasion of Innate Cytosolic DNA Sensing by a Gammaherpesvirus Facilitates Establishment of Latent Infection. Journal of Immunology, 2015, 194, 1819-1831.	0.4	88
90	Cutting Edge: AIM2 and Endosomal TLRs Differentially Regulate Arthritis and Autoantibody Production in DNase IIâ€“Deficient Mice. Journal of Immunology, 2015, 194, 873-877.	0.4	88

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91	Mechanisms of inflammasome activation: recent advances and novel insights. Trends in Cell Biology, 2015, 25, 308-315.	3.6	408
92	A Role for the Adaptor Proteins TRAM and TRIF in Toll-like Receptor 2 Signaling. Journal of Biological Chemistry, 2015, 290, 3209-3222.	1.6	86
93	Inhibition of sterile danger signals, uric acid and ATP, prevents inflammasome activation and protects from alcoholic steatohepatitis in mice. Journal of Hepatology, 2015, 63, 1147-1155.	1.8	111
94	Cutting Edge: A Natural Antisense Transcript, AS-IL1Î±, Controls Inducible Transcription of the Proinflammatory Cytokine IL-1Î±. Journal of Immunology, 2015, 195, 1359-1363.	0.4	97
95	Caspase-8 scaffolding function and MLKL regulate NLRP3 inflammasome activation downstream of TLR3. Nature Communications, 2015, 6, 7515.	5.8	205
96	GBPs take AIM at Francisella. Nature Immunology, 2015, 16, 443-444.	7.0	6
97	Involvement of Nod2 in the innate immune response elicited by malarial pigment hemozoin. Microbes and Infection, 2015, 17, 184-194.	1.0	20
98	Metabolic danger signals, uric acid and ATP, mediate inflammatory cross-talk between hepatocytes and immune cells in alcoholic liver disease. Journal of Leukocyte Biology, 2015, 98, 249-256.	1.5	119
99	Perspective: The RNA exosome, cytokine gene regulation and links to autoimmunity. Cytokine, 2015, 74, 175-180.	1.4	8
100	Nucleic Acidâ€“Sensing Receptors: Rheostats of Autoimmunity and Autoinflammation. Journal of Immunology, 2015, 195, 3507-3512.	0.4	68
101	Endoplasmic Reticulum Stress Activates the Inflammasome via NLRP3- and Caspase-2-Driven Mitochondrial Damage. Immunity, 2015, 43, 451-462.	6.6	328
102	Identification of Aim2 as a Sensor for DNA Vaccines. Journal of Immunology, 2015, 194, 630-636.	0.4	47
103	Gadolinium-based compounds induce NLRP3-dependent IL-1Î² production and peritoneal inflammation. Annals of the Rheumatic Diseases, 2015, 74, 2062-2069.	0.5	37
104	Transcription of Inflammatory Genes: Long Noncoding RNA and Beyond. Journal of Interferon and Cytokine Research, 2015, 35, 79-88.	0.5	29
105	An unexpected role for RNA-sensing toll-like receptors in a murine model of DNA accrual. Clinical and Experimental Rheumatology, 2015, 33, S70-3.	0.4	3
106	Role of the Inflammasome-Caspase1/11-IL-1/18 Axis in Cigarette Smoke Driven Airway Inflammation: An Insight into the Pathogenesis of COPD. PLoS ONE, 2014, 9, e112829.	1.1	65
107	The PYHIN Family of Molecules and their Functions Sensing dsDNA. , 2014, , 43-65.		0
108	Bacterial RNA:DNA hybrids are activators of the NLRP3 inflammasome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7765-7770.	3.3	92

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109	TRIM13 Is a Negative Regulator of MDA5-Mediated Type I Interferon Production. Journal of Virology, 2014, 88, 10748-10757.	1.5	76
110	RNA and Î²-Hemolysin of Group B Streptococcus Induce Interleukin-1Î² (IL-1Î²) by Activating NLRP3 Inflammasomes in Mouse Macrophages. Journal of Biological Chemistry, 2014, 289, 13701-13705.	1.6	62
111	Malaria-Induced NLRP12/NLRP3-Dependent Caspase-1 Activation Mediates Inflammation and Hypersensitivity to Bacterial Superinfection. PLoS Pathogens, 2014, 10, e1003885.	2.1	134
112	IKKÎ± negatively regulates ASC-dependent inflammasome activation. Nature Communications, 2014, 5, 4977.	5.8	96
113	Interferon Î³-inducible Protein (IFI) 16 Transcriptionally Regulates Type I Interferons and Other Interferon-stimulated Genes and Controls the Interferon Response to both DNA and RNA Viruses. Journal of Biological Chemistry, 2014, 289, 23568-23581.	1.6	106
114	Antiviral Autophagy Restricts Rift Valley Fever Virus Infection and Is Conserved from Flies to Mammals. Immunity, 2014, 40, 51-65.	6.6	138
115	SARM Regulates CCL5 Production in Macrophages by Promoting the Recruitment of Transcription Factors and RNA Polymerase II to the Ccl5 Promoter. Journal of Immunology, 2014, 192, 4821-4832.	0.4	23
116	Recognition of cytosolic <scp>DNA</scp> by c<scp>GAS</scp> and other <scp>STING</scp>â€dependent sensors. European Journal of Immunology, 2014, 44, 634-640.	1.6	94
117	The Transcriptional Repressor BLIMP1 Curbs Host Defenses by Suppressing Expression of the Chemokine CCL8. Journal of Immunology, 2014, 192, 2291-2304.	0.4	28
118	NLRC3, a Member of the NLR Family of Proteins, Is a Negative Regulator of Innate Immune Signaling Induced by the DNA Sensor STING. Immunity, 2014, 40, 329-341.	6.6	245
119	Unified Polymerization Mechanism for the Assembly of ASC-Dependent Inflammasomes. Cell, 2014, 156, 1193-1206.	13.5	1,035
120	Rift Valley fever virus infection induces activation of the NLRP3 inflammasome. Virology, 2014, 449, 174-180.	1.1	43
121	TRIF Signaling Is Essential for TLR4-Driven IgE Class Switching. Journal of Immunology, 2014, 192, 2651-2658.	0.4	14
122	Post-transcriptional regulation of gene expression in innate immunity. Nature Reviews Immunology, 2014, 14, 361-376.	10.6	301
123	Long noncoding RNAs in innate and adaptive immunity. Current Opinion in Immunology, 2014, 26, 140-146.	2.4	193
124	Host-cell sensors for Plasmodium activate innate immunity against liver-stage infection. Nature Medicine, 2014, 20, 47-53.	15.2	256
125	Interleukin-17â€“producing innate lymphoid cells and the NLRP3 inflammasome facilitate obesity-associated airway hyperreactivity. Nature Medicine, 2014, 20, 54-61.	15.2	515
126	STING-Dependent Cytosolic DNA Sensing Mediates Innate Immune Recognition of Immunogenic Tumors. Immunity, 2014, 41, 830-842.	6.6	1,325

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127	Innate sensing of malaria parasites. Nature Reviews Immunology, 2014, 14, 744-757.	10.6	260
128	Caspase-8 and RIP kinases regulate bacteria-induced innate immune responses and cell death. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7391-7396.	3.3	250
129	Caspase-8 Modulates Dectin-1 and Complement Receptor 3â€“Driven IL-1Î² Production in Response to Î²-Glucans and the Fungal Pathogen, Candida albicans. Journal of Immunology, 2014, 193, 2519-2530.	0.4	114
130	Citrobacter rodentium: infection, inflammation and the microbiota. Nature Reviews Microbiology, 2014, 12, 612-623.	13.6	392
131	3-Hydroxyl-3-methylglutaryl Coenzyme A (HMG-CoA) Reductase Inhibitor (Statin)-induced 28-kDa Interleukin-1Î² Interferes with Mature IL-1Î² Signaling. Journal of Biological Chemistry, 2014, 289, 16214-16222.	1.6	27
132	TRIL Is Involved in Cytokine Production in the Brain following Escherichia coli Infection. Journal of Immunology, 2014, 193, 1911-1919.	0.4	18
133	Long non-coding RNAs and control of gene expression in the immune system. Trends in Molecular Medicine, 2014, 20, 623-631.	3.5	229
134	Dual Engagement of the NLRP3 and AIM2 Inflammasomes by Plasmodium-Derived Hemozoin and DNA during Malaria. Cell Reports, 2014, 6, 196-210.	2.9	152
135	CD36 coordinates NLRP3 inflammasome activation by facilitating intracellular nucleation of soluble ligands into particulate ligands in sterile inflammation. Nature Immunology, 2013, 14, 812-820.	7.0	746
136	The cGAS-STING Pathway for DNA Sensing. Molecular Cell, 2013, 51, 135-139.	4.5	135
137	A Long Noncoding RNA Mediates Both Activation and Repression of Immune Response Genes. Science, 2013, 341, 789-792.	6.0	925
138	Lipopolysaccharide sensing on the inside. Nature, 2013, 501, 173-175.	13.7	20
139	Cyclicâ€diâ€GMP and cyclicâ€diâ€AMP activate the NLRP3 inflammasome. EMBO Reports, 2013, 14, 900-906.	2.0	75
140	Cutting Edge: Mycobacterium tuberculosis but Not Nonvirulent Mycobacteria Inhibits IFN-Î² and AIM2 Inflammasomeâ€“Dependent IL-1Î² Production via Its ESX-1 Secretion System. Journal of Immunology, 2013, 191, 3514-3518.	0.4	102
141	Interferon-Î³ and Granulocyte/Monocyte Colony-stimulating Factor Production by Natural Killer Cells Involves Different Signaling Pathways and the Adaptor Stimulator of Interferon Genes (STING). Journal of Biological Chemistry, 2013, 288, 10715-10721.	1.6	26
142	The NLRP3 inflammasome is up-regulated in cardiac fibroblasts and mediates myocardial ischaemiaâ€“reperfusion injury. Cardiovascular Research, 2013, 99, 164-174.	1.8	400
143	STING-IRF3 pathway links endoplasmic reticulum stress with hepatocyte apoptosis in early alcoholic liver disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16544-16549.	3.3	345
144	iGLuc: a luciferase-based inflammasome and protease activity reporter. Nature Methods, 2013, 10, 147-154.	9.0	65

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145	DNA recognition in immunity and disease. Current Opinion in Immunology, 2013, 25, 13-18.	2.4	53
146	Nitric oxide controls the immunopathology of tuberculosis by inhibiting NLRP3 inflammasomeâ€“dependent processing of IL-1Î². Nature Immunology, 2013, 14, 52-60.	7.0	500
147	Proteasomal Degradation of Herpes Simplex Virus Capsids in Macrophages Releases DNA to the Cytosol for Recognition by DNA Sensors. Journal of Immunology, 2013, 190, 2311-2319.	0.4	171
148	Molecular Basis of DNA Recognition in the Immune System. Journal of Immunology, 2013, 190, 1911-1918.	0.4	102
149	SnapShot: Inflammasomes. Cell, 2013, 153, 272-272.e1.	13.5	23
150	Activation of caspase-1 by the NLRP3 inflammasome regulates the NADPH oxidase NOX2 to control phagosome function. Nature Immunology, 2013, 14, 543-553.	7.0	177
151	Salmonella Infection Induces Recruitment of Caspase-8 to the Inflammasome To Modulate IL-1Î² Production. Journal of Immunology, 2013, 191, 5239-5246.	0.4	206
152	Transcriptional Analysis of Murine Macrophages Infected with Different Toxoplasma Strains Identifies Novel Regulation of Host Signaling Pathways. PLoS Pathogens, 2013, 9, e1003779.	2.1	111
153	RNA Helicase Signaling Is Critical for Type I Interferon Production and Protection against Rift Valley Fever Virus during Mucosal Challenge. Journal of Virology, 2013, 87, 4846-4860.	1.5	20
154	Inflammation in Mice Ectopically Expressing Human Pyogenic Arthritis, Pyoderma Gangrenosum, and Acne (PAPA) Syndrome-associated PSTPIP1 A230T Mutant Proteins. Journal of Biological Chemistry, 2013, 288, 4594-4601.	1.6	33
155	Overexpression of Membrane-Bound Fas Ligand (CD95L) Exacerbates Autoimmune Disease and Renal Pathology in Pristane-Induced Lupus. Journal of Immunology, 2013, 191, 2104-2114.	0.4	18
156	Synthetic Oligodeoxynucleotides Containing Suppressive TTAGGG Motifs Inhibit AIM2 Inflammasome Activation. Journal of Immunology, 2013, 191, 3876-3883.	0.4	82
157	IFI16 senses DNA forms of the lentiviral replication cycle and controls HIV-1 replication. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4571-80.	3.3	285
158	Allergens as Immunomodulatory Proteins: The Cat Dander Protein Fel d 1 Enhances TLR Activation by Lipid Ligands. Journal of Immunology, 2013, 191, 1529-1535.	0.4	85
159	Cutting Edge: TLR Signaling Licenses IRAK1 for Rapid Activation of the NLRP3 Inflammasome. Journal of Immunology, 2013, 191, 3995-3999.	0.4	199
160	Mouse, but not Human STING, Binds and Signals in Response to the Vascular Disrupting Agent 5,6-Dimethylxanthenone-4-Acetic Acid. Journal of Immunology, 2013, 190, 5216-5225.	0.4	334
161	LPSã•ç°èƒžå†…ã§ã„æ„ŸçŸ¥ã•ã‚Œã‚‹. Nature Digest, 2013, 10, 31-33.	0.0	0
162	Resistance to HSV-1 infection in the epithelium resides with the novel innate sensor, IFI-16. Mucosal Immunology, 2012, 5, 173-183.	2.7	103

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163	TLR9 Provokes Inflammation in Response to Fetal DNA: Mechanism for Fetal Loss in Preterm Birth and Preeclampsia. Journal of Immunology, 2012, 188, 5706-5712.	0.4	155
164	Role of Interferon Regulatory Factor 7 in T Cell Responses during Acute Lymphocytic Choriomeningitis Virus Infection. Journal of Virology, 2012, 86, 11254-11265.	1.5	25
165	TRIF Licenses Caspase-11-Dependent NLRP3 Inflammasome Activation by Gram-Negative Bacteria. Cell, 2012, 150, 606-619.	13.5	645
166	The NLRP12 Inflammasome Recognizes Yersinia pestis. Immunity, 2012, 37, 96-107.	6.6	293
167	Cutting Edge: FAS (CD95) Mediates Noncanonical IL-1Î² and IL-18 Maturation via Caspase-8 in an RIP3-Independent Manner. Journal of Immunology, 2012, 189, 5508-5512.	0.4	254
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