

Katherine A Fitzgerald

List of Publications by Year in descending order

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Version: 2024-02-01

295
papers

71,344
citations

813
118
h-index

624
258
g-index

329
all docs

329
docs citations

329
times ranked

64454
citing authors

#	ARTICLE	IF	CITATIONS
1	Apoptosis, Pyroptosis, and Necroptosis—Oh My! The Many Ways a Cell Can Die. <i>Journal of Molecular Biology</i> , 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. <i>Nature Communications</i> , 2022, 13, 14.	5.8	18
3	Molecular mechanisms and functions of pyroptosis. <i>Journal of Molecular Biology</i> , 2022, 434, 167461.	2.0	14
4	REL and BHLHE40 Variants Are Associated with IL-12 and IL-10 Responses and Tuberculosis Risk. <i>Journal of Immunology</i> , 2022, 208, 1352-1361.	0.4	6
5	Proteogenomics Analysis Reveals Novel Micropeptides in Primary Human Immune Cells. <i>Immuno</i> , 2022, 2, 283-292.	0.6	0
6	Lymphocyte crosstalk is required for monocyte-intrinsic trained immunity to <i>Plasmodium falciparum</i> . <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	11
7	Intracellular Sensing of <scp>DNA</scp> in Autoinflammation and Autoimmunity. <i>Arthritis and Rheumatology</i> , 2022, 74, 1615-1624.	2.9	5
8	Radioresistant cells initiate lymphocyte-dependent lung inflammation and IFN γ -dependent mortality in STING gain-of-function mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	13
9	Epithelial HNF4A shapes the intraepithelial lymphocyte compartment via direct regulation of immune signaling molecules. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	12
10	Long non-coding RNAs in antiviral immunity. <i>Seminars in Cell and Developmental Biology</i> , 2021, 111, 126-134.	2.3	21
11	Overcoming innate immune barriers that impede AAV gene therapy vectors. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	72
12	cGAS-STING Pathway Does Not Promote Autoimmunity in Murine Models of SLE. <i>Frontiers in Immunology</i> , 2021, 12, 605930.	2.2	30
13	A diamidobenzimidazole STING agonist protects against SARS-CoV-2 infection. <i>Science Immunology</i> , 2021, 6, .	5.6	96
14	Dysbiosis exacerbates colitis by promoting ubiquitination and accumulation of the innate immune adaptor STING in myeloid cells. <i>Immunity</i> , 2021, 54, 1137-1153.e8.	6.6	46
15	Cellular nucleic acid—binding protein is essential for type I interferon—mediated immunity to RNA virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
16	Lung Epithelial Cell Transcriptional Regulation as a Factor in COVID-19—associated Coagulopathies. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 687-697.	1.4	26
17	AIM2 regulates anti-tumor immunity and is a viable therapeutic target for melanoma. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	34
18	Igniting the firestorm: The inflammasome in autoinflammatory syndromes. <i>Journal of Allergy and Clinical Immunology</i> , 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 IFN β -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-1 β 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 NLRP3-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 cGAS-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. <i>Molecular Cell</i> , 2019, 76, 8-10.	4.5	9
38	HiChIRP reveals RNA-associated chromosome conformation. <i>Nature Methods</i> , 2019, 16, 489-492.	9.0	70
39	Control of antiviral innate immune response by protein geranylgeranylation. <i>Science Advances</i> , 2019, 5, eaav7999.	4.7	36
40	Cell Survival and Cytokine Release after Inflammasome Activation Is Regulated by the Toll-IL-1R Protein SARM. <i>Immunity</i> , 2019, 50, 1412-1424.e6.	6.6	97
41	Hierarchy of clinical manifestations in SAVI N153S and V154M mouse models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7941-7950.	3.3	83
42	Immature lung TNFR2 ^{hi} conventional DC 2 subpopulation activates moDCs to promote cyclic di-GMP mucosal adjuvant responses in vivo. <i>Mucosal Immunology</i> , 2019, 12, 277-289.	2.7	24
43	Long Non-coding RNA lincRNA-EPS Inhibits Host Defense Against <i>Listeria monocytogenes</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 481.	1.8	23
44	Activation of Stimulator of Interferon Genes (STING) and Sjögren Syndrome. <i>Journal of Dental Research</i> , 2018, 97, 893-900.	2.5	37
45	Cutting Edge: <i>Plasmodium falciparum</i> Induces Trained Innate Immunity. <i>Journal of Immunology</i> , 2018, 200, 1243-1248.	0.4	101
46	A Dectin-1-Caspase-8 Pathway Licenses Canonical Caspase-1 Inflammasome Activation and Interleukin-1 ^β Release in Response to a Pathogenic Fungus. <i>Journal of Infectious Diseases</i> , 2018, 217, 329-339.	1.9	21
47	Cytokines and Long Noncoding RNAs. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a028589.	2.3	58
48	cGAS drives noncanonical-inflammasome activation in age-related macular degeneration. <i>Nature Medicine</i> , 2018, 24, 50-61.	15.2	205
49	Cyclic GMP ^α AMP Synthase Is the Cytosolic Sensor of <i>Plasmodium falciparum</i> Genomic DNA and Activates Type I IFN in Malaria. <i>Journal of Immunology</i> , 2018, 200, 768-774.	0.4	50
50	Dendritic Cell RIPK1 Maintains Immune Homeostasis by Preventing Inflammation and Autoimmunity. <i>Journal of Immunology</i> , 2018, 200, 737-748.	0.4	30
51	CNBP controls IL-12 gene transcription and Th1 immunity. <i>Journal of Experimental Medicine</i> , 2018, 215, 3136-3150.	4.2	36
52	Genetic Models Reveal cis and trans Immune-Regulatory Activities for lincRNA-Cox2. <i>Cell Reports</i> , 2018, 25, 1511-1524.e6.	2.9	73
53	Pathogen blockade of TAK1 triggers caspase-8 ^α dependent cleavage of gasdermin D and cell death. <i>Science</i> , 2018, 362, 1064-1069.	6.0	639
54	Nrf2 negatively regulates STING indicating a link between antiviral sensing and metabolic reprogramming. <i>Nature Communications</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7768-E7775.	3.3	150
56	Gasdermin D Restrains Type I Interferon Response to Cytosolic DNA by Disrupting Ionic Homeostasis. <i>Immunity</i> , 2018, 49, 413-426.e5.	6.6	187
57	Fas ligand promotes an inducible TLR-dependent model of cutaneous lupus-like inflammation. <i>Journal of Clinical Investigation</i> , 2018, 128, 2966-2978.	3.9	41
58	Immunobiology of Long Noncoding RNAs. <i>Annual Review of Immunology</i> , 2017, 35, 177-198.	9.5	395
59	miR-718 represses proinflammatory cytokine production through targeting phosphatase and tensin homolog (PTEN). <i>Journal of Biological Chemistry</i> , 2017, 292, 5634-5644.	1.6	43
60	Kinase Activities of RIPK1 and RIPK3 Can Direct IFN- γ Synthesis Induced by Lipopolysaccharide. <i>Journal of Immunology</i> , 2017, 198, 4435-4447.	0.4	51
61	cGAS Micro-Manages Genotoxic Stress. <i>Immunity</i> , 2017, 47, 616-617.	6.6	15
62	The PYHIN Protein p205 Regulates the Inflammasome by Controlling Asc Expression. <i>Journal of Immunology</i> , 2017, 199, 3249-3260.	0.4	14
63	IRF3 and type I interferons fuel a fatal response to myocardial infarction. <i>Nature Medicine</i> , 2017, 23, 1481-1487.	15.2	358
64	STING Contributes to Abnormal Bone Formation Induced by Deficiency of DNase II in Mice. <i>Arthritis and Rheumatology</i> , 2017, 69, 460-471.	2.9	27
65	Taking the STING out of TLR-driven autoimmune diseases: good, bad, or indifferent?. <i>Journal of Leukocyte Biology</i> , 2017, 101, 121-126.	1.5	12
66	S6K-STING interaction regulates cytosolic DNA-mediated activation of the transcription factor IRF3. <i>Nature Immunology</i> , 2016, 17, 514-522.	7.0	67
67	Inflammasome Complexes: Emerging Mechanisms and Effector Functions. <i>Cell</i> , 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. <i>European Journal of Immunology</i> , 2016, 46, 504-512.	1.6	125
69	Group B Streptococcus Degrades Cyclic-di-AMP to Modulate STING-Dependent Type I Interferon Production. <i>Cell Host and Microbe</i> , 2016, 20, 49-59.	5.1	110
70	The DNA-sensing AIM2 inflammasome controls radiation-induced cell death and tissue injury. <i>Science</i> , 2016, 354, 765-768.	6.0	271
71	Sensing of HSV-1 by the cGAS-STING pathway in microglia orchestrates antiviral defence in the CNS. <i>Nature Communications</i> , 2016, 7, 13348.	5.8	245
72	Endoplasmic Reticulum Stress-induced Hepatocellular Death Pathways Mediate Liver Injury and Fibrosis via Stimulator of Interferon Genes. <i>Journal of Biological Chemistry</i> , 2016, 291, 26794-26805.	1.6	128

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73	Type I Interferon Induction by <i>Neisseria gonorrhoeae</i> : Dual Requirement of Cyclic GMP-AMP Synthase and Toll-like Receptor 4. <i>Cell Reports</i> , 2016, 15, 2438-2448.	2.9	66
74	Control of the innate immune response by the mevalonate pathway. <i>Nature Immunology</i> , 2016, 17, 922-929.	7.0	159
75	A Long Noncoding RNA lincRNA-EP5 Acts as a Transcriptional Brake to Restrain Inflammation. <i>Cell</i> , 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 <i>In Vivo</i> Infection. <i>Cell Reports</i> , 2016, 16, 571-582.	2.9	99
77	Synergy between Hematopoietic and Radioresistant Stromal Cells Is Required for Autoimmune Manifestations of DNase II ^{-/-} IFN α ^{-/-} Mice. <i>Journal of Immunology</i> , 2016, 196, 1348-1354.	0.4	11
78	Importance of Nucleic Acid Recognition in Inflammation and Autoimmunity. <i>Annual Review of Medicine</i> , 2016, 67, 323-336.	5.0	135
79	An RNA twist to T _H 17 cells. <i>Science</i> , 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. <i>Immunity</i> , 2016, 44, 597-608.	6.6	429
81	Influenza A virus targets a cGAS-independent STING pathway that controls enveloped RNA viruses. <i>Nature Communications</i> , 2016, 7, 10680.	5.8	169
82	Cutting Edge: Novel <i>Tmem173</i> Allele Reveals Importance of STING N Terminus in Trafficking and Type I IFN Production. <i>Journal of Immunology</i> , 2016, 196, 547-552.	0.4	16
83	A cGAS-Independent STING/IRF7 Pathway Mediates the Immunogenicity of DNA Vaccines. <i>Journal of Immunology</i> , 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. <i>Journal of Immunology</i> , 2016, 196, 29-33.	0.4	38
85	Paula Pitha-Rowe 1937–2015. <i>Nature Immunology</i> , 2015, 16, 591-591.	7.0	0
86	Suppression of systemic autoimmunity by the innate immune adaptor STING. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E710-7.	3.3	139
87	The RIG-I-like helicase receptor MDA5 (IFIH1) is involved in the host defense against <i>Candida</i> infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015, 34, 963-974.	1.3	69
88	STING-Dependent Cytosolic DNA Sensing Mediates Innate Immune Recognition of Immunogenic Tumors. <i>Immunity</i> , 2015, 42, 199.	6.6	5
89	Evasion of Innate Cytosolic DNA Sensing by a Gammaherpesvirus Facilitates Establishment of Latent Infection. <i>Journal of Immunology</i> , 2015, 194, 1819-1831.	0.4	88
90	Cutting Edge: AIM2 and Endosomal TLRs Differentially Regulate Arthritis and Autoantibody Production in DNase II ^{-/-} Deficient Mice. <i>Journal of Immunology</i> , 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-IL1 β , Controls Inducible Transcription of the Proinflammatory Cytokine IL-1 β . 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-1 β 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. <i>Journal of Virology</i> , 2014, 88, 10748-10757.	1.5	76
110	RNA and β -Hemolysin of Group B Streptococcus Induce Interleukin- 1β (IL- 1β) by Activating NLRP3 Inflammasomes in Mouse Macrophages. <i>Journal of Biological Chemistry</i> , 2014, 289, 13701-13705.	1.6	62
111	Malaria-Induced NLRP12/NLRP3-Dependent Caspase-1 Activation Mediates Inflammation and Hypersensitivity to Bacterial Superinfection. <i>PLoS Pathogens</i> , 2014, 10, e1003885.	2.1	134
112	IKK α negatively regulates ASC-dependent inflammasome activation. <i>Nature Communications</i> , 2014, 5, 4977.	5.8	96
113	Interferon β -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. <i>Journal of Biological Chemistry</i> , 2014, 289, 23568-23581.	1.6	106
114	Antiviral Autophagy Restricts Rift Valley Fever Virus Infection and Is Conserved from Flies to Mammals. <i>Immunity</i> , 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 <i>Ccl5</i> Promoter. <i>Journal of Immunology</i> , 2014, 192, 4821-4832.	0.4	23
116	Recognition of cytosolic DNA by cGAS and other STING-dependent sensors. <i>European Journal of Immunology</i> , 2014, 44, 634-640.	1.6	94
117	The Transcriptional Repressor BLIMP1 Curbs Host Defenses by Suppressing Expression of the Chemokine CCL8. <i>Journal of Immunology</i> , 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. <i>Immunity</i> , 2014, 40, 329-341.	6.6	245
119	Unified Polymerization Mechanism for the Assembly of ASC-Dependent Inflammasomes. <i>Cell</i> , 2014, 156, 1193-1206.	13.5	1,035
120	Rift Valley fever virus infection induces activation of the NLRP3 inflammasome. <i>Virology</i> , 2014, 449, 174-180.	1.1	43
121	TRIF Signaling Is Essential for TLR4-Driven IgE Class Switching. <i>Journal of Immunology</i> , 2014, 192, 2651-2658.	0.4	14
122	Post-transcriptional regulation of gene expression in innate immunity. <i>Nature Reviews Immunology</i> , 2014, 14, 361-376.	10.6	301
123	Long noncoding RNAs in innate and adaptive immunity. <i>Current Opinion in Immunology</i> , 2014, 26, 140-146.	2.4	193
124	Host-cell sensors for Plasmodium activate innate immunity against liver-stage infection. <i>Nature Medicine</i> , 2014, 20, 47-53.	15.2	256
125	Interleukin-17-producing innate lymphoid cells and the NLRP3 inflammasome facilitate obesity-associated airway hyperreactivity. <i>Nature Medicine</i> , 2014, 20, 54-61.	15.2	515
126	STING-Dependent Cytosolic DNA Sensing Mediates Innate Immune Recognition of Immunogenic Tumors. <i>Immunity</i> , 2014, 41, 830-842.	6.6	1,325

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

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145	DNA recognition in immunity and disease. <i>Current Opinion in Immunology</i> , 2013, 25, 13-18.	2.4	53
146	Nitric oxide controls the immunopathology of tuberculosis by inhibiting NLRP3 inflammasome-dependent processing of IL-1 β . <i>Nature Immunology</i> , 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. <i>Journal of Immunology</i> , 2013, 190, 2311-2319.	0.4	171
148	Molecular Basis of DNA Recognition in the Immune System. <i>Journal of Immunology</i> , 2013, 190, 1911-1918.	0.4	102
149	SnapShot: Inflammasomes. <i>Cell</i> , 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. <i>Nature Immunology</i> , 2013, 14, 543-553.	7.0	177
151	<i>Salmonella</i> Infection Induces Recruitment of Caspase-8 to the Inflammasome To Modulate IL-1 β Production. <i>Journal of Immunology</i> , 2013, 191, 5239-5246.	0.4	206
152	Transcriptional Analysis of Murine Macrophages Infected with Different <i>Toxoplasma</i> Strains Identifies Novel Regulation of Host Signaling Pathways. <i>PLoS Pathogens</i> , 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. <i>Journal of Virology</i> , 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. <i>Journal of Biological Chemistry</i> , 2013, 288, 4594-4601.	1.6	33
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