

# Leo A B Joosten

## List of Publications by Year in descending order

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Version: 2024-02-01

597  
papers

67,182  
citations

729

120  
h-index

1082

232  
g-index

639  
all docs

639  
docs citations

639  
times ranked

71095  
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	Trained immunity: A program of innate immune memory in health and disease. <i>Science</i> , 2016, 352, aaf1098.	6.0	1,809
3	mTOR- and HIF-1 $\alpha$ -mediated aerobic glycolysis as metabolic basis for trained immunity. <i>Science</i> , 2014, 345, 1250684.	6.0	1,517
4	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , 2020, 20, 375-388.	10.6	1,345
5	Epigenetic programming of monocyte-to-macrophage differentiation and trained innate immunity. <i>Science</i> , 2014, 345, 1251086.	6.0	1,338
6	Bacille Calmette-Guérin induces NOD2-dependent nonspecific protection from reinfection via epigenetic reprogramming of monocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17537-17542.	3.3	1,294
7	<i>Candida albicans</i> Infection Affords Protection against Reinfection via Functional Reprogramming of Monocytes. <i>Cell Host and Microbe</i> , 2012, 12, 223-232.	5.1	926
8	BCG Vaccination Protects against Experimental Viral Infection in Humans through the Induction of Cytokines Associated with Trained Immunity. <i>Cell Host and Microbe</i> , 2018, 23, 89-100.e5.	5.1	860
9	Causal relationships among the gut microbiome, short-chain fatty acids and metabolic diseases. <i>Nature Genetics</i> , 2019, 51, 600-605.	9.4	854
10	Linking the Human Gut Microbiome to Inflammatory Cytokine Production Capacity. <i>Cell</i> , 2016, 167, 1125-1136.e8.	13.5	806
11	Differential requirement for the activation of the inflammasome for processing and release of IL-1 $\beta$ in monocytes and macrophages. <i>Blood</i> , 2009, 113, 2324-2335.	0.6	714
12	Western Diet Triggers NLRP3-Dependent Innate Immune Reprogramming. <i>Cell</i> , 2018, 172, 162-175.e14.	13.5	705
13	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. <i>Cell</i> , 2018, 172, 147-161.e12.	13.5	702
14	Dense genotyping identifies and localizes multiple common and rare variant association signals in celiac disease. <i>Nature Genetics</i> , 2011, 43, 1193-1201.	9.4	682
15	The effect of host genetics on the gut microbiome. <i>Nature Genetics</i> , 2016, 48, 1407-1412.	9.4	672
16	Human Dectin-1 Deficiency and Mucocutaneous Fungal Infections. <i>New England Journal of Medicine</i> , 2009, 361, 1760-1767.	13.9	671
17	Treatment with a neutralizing anti-murine interleukin-17 antibody after the onset of collagen-induced arthritis reduces joint inflammation, cartilage destruction, and bone erosion. <i>Arthritis and Rheumatism</i> , 2004, 50, 650-659.	6.7	660
18	Toll-like receptor 2 controls expansion and function of regulatory T cells. <i>Journal of Clinical Investigation</i> , 2006, 116, 485-494.	3.9	658

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19	Presence of Genetic Variants Among Young Men With Severe COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 663.	3.8	626
20	<i>STAT1</i> Mutations in Autosomal Dominant Chronic Mucocutaneous Candidiasis. <i>New England Journal of Medicine</i> , 2011, 365, 54-61.	13.9	614
21	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
22	Glutaminolysis and Fumarate Accumulation Integrate Immunometabolic and Epigenetic Programs in Trained Immunity. <i>Cell Metabolism</i> , 2016, 24, 807-819.	7.2	584
23	Inflammasome activation and IL-1 $\beta$ and IL-18 processing during infection. <i>Trends in Immunology</i> , 2011, 32, 110-116.	2.9	577
24	The Inflammasome-Mediated Caspase-1 Activation Controls Adipocyte Differentiation and Insulin Sensitivity. <i>Cell Metabolism</i> , 2010, 12, 593-605.	7.2	558
25	A guiding map for inflammation. <i>Nature Immunology</i> , 2017, 18, 826-831.	7.0	506
26	Oxidized Low-Density Lipoprotein Induces Long-Term Proinflammatory Cytokine Production and Foam Cell Formation via Epigenetic Reprogramming of Monocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1731-1738.	1.1	486
27	Metabolic Induction of Trained Immunity through the Mevalonate Pathway. <i>Cell</i> , 2018, 172, 135-146.e9.	13.5	485
28	Long-Lasting Effects of BCG Vaccination on Both Heterologous Th1/Th17 Responses and Innate Trained Immunity. <i>Journal of Innate Immunity</i> , 2014, 6, 152-158.	1.8	478
29	Immunometabolic Pathways in BCG-Induced Trained Immunity. <i>Cell Reports</i> , 2016, 17, 2562-2571.	2.9	467
30	Anticytokine treatment of established type II collagen-induced arthritis in DBA/1 mice: A comparative study using anti-TNF $\alpha$ , anti-IL-1 $\beta$ , and IL-1Ra. <i>Arthritis and Rheumatism</i> , 1996, 39, 797-809.	6.7	460
31	Stimulation of TLR2 and TLR4 differentially skews the balance of T cells in a mouse model of arthritis. <i>Journal of Clinical Investigation</i> , 2008, 118, 205-216.	3.9	450
32	Immune defence against <i>Candida</i> fungal infections. <i>Nature Reviews Immunology</i> , 2015, 15, 630-642.	10.6	440
33	Broad defects in the energy metabolism of leukocytes underlie immunoparalysis in sepsis. <i>Nature Immunology</i> , 2016, 17, 406-413.	7.0	437
34	IL-1 $\beta$ Processing in Host Defense: Beyond the Inflammasomes. <i>PLoS Pathogens</i> , 2010, 6, e1000661.	2.1	427
35	Oxidized Phospholipids on Lipoprotein(a) Elicit Arterial Wall Inflammation and an Inflammatory Monocyte Response in Humans. <i>Circulation</i> , 2016, 134, 611-624.	1.6	396
36	Role of interleukin-4 and interleukin-10 in murine collagen-induced arthritis. Protective effect of interleukin-4 and interleukin-10 treatment on cartilage destruction. <i>Arthritis and Rheumatism</i> , 1997, 40, 249-260.	6.7	377

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37	Role of interleukin-1, tumor necrosis factor $\hat{\pm}$ , and interleukin-6 in cartilage proteoglycan metabolism and destruction effect of in situ blocking in murine antigen- and zymosan-induced arthritis. <i>Arthritis and Rheumatism</i> , 1995, 38, 164-172.	6.7	365
38	Proteome-wide Analysis and CXCL4 as a Biomarker in Systemic Sclerosis. <i>New England Journal of Medicine</i> , 2014, 370, 433-443.	13.9	365
39	Host and Environmental Factors Influencing Individual Human Cytokine Responses. <i>Cell</i> , 2016, 167, 1111-1124.e13.	13.5	364
40	IL-1-Independent Role of IL-17 in Synovial Inflammation and Joint Destruction During Collagen-Induced Arthritis. <i>Journal of Immunology</i> , 2001, 167, 1004-1013.	0.4	360
41	Deficiency of interleukin-18 in mice leads to hyperphagia, obesity and insulin resistance. <i>Nature Medicine</i> , 2006, 12, 650-656.	15.2	360
42	BCG-induced trained immunity in NK cells: Role for non-specific protection to infection. <i>Clinical Immunology</i> , 2014, 155, 213-219.	1.4	359
43	OLT1177, a $\hat{2}$ -sulfonyl nitrile compound, safe in humans, inhibits the NLRP3 inflammasome and reverses the metabolic cost of inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1530-E1539.	3.3	346
44	Innate and Adaptive Immune Memory: an Evolutionary Continuum in the Host's Response to Pathogens. <i>Cell Host and Microbe</i> , 2019, 25, 13-26.	5.1	341
45	Innate Immune Recognition of <i>Mycobacterium tuberculosis</i> . <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-12.	3.3	331
46	Gout. <i>Nature Reviews Disease Primers</i> , 2019, 5, 69.	18.1	326
47	IL-17 Promotes Bone Erosion in Murine Collagen-Induced Arthritis Through Loss of the Receptor Activator of NF- $\hat{B}$ Ligand/Osteoprotegerin Balance. <i>Journal of Immunology</i> , 2003, 170, 2655-2662.	0.4	309
48	IL-38 binds to the IL-36 receptor and has biological effects on immune cells similar to IL-36 receptor antagonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3001-3005.	3.3	308
49	IL-32, a proinflammatory cytokine in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3298-3303.	3.3	306
50	Expression of Toll-like receptors 2 and 4 in rheumatoid synovial tissue and regulation by proinflammatory cytokines interleukin-12 and interleukin-18 via interferon- $\gamma$ . <i>Arthritis and Rheumatism</i> , 2004, 50, 3856-3865.	6.7	299
51	IL-17 derived from juxta-articular bone and synovium contributes to joint degradation in rheumatoid arthritis. <i>Arthritis Research</i> , 2001, 3, 168.	2.0	296
52	The Macrophage Mannose Receptor Induces IL-17 in Response to <i>Candida albicans</i> . <i>Cell Host and Microbe</i> , 2009, 5, 329-340.	5.1	294
53	IL-1 family nomenclature. <i>Nature Immunology</i> , 2010, 11, 973-973.	7.0	294
54	Blocking of Interleukin-17 during Reactivation of Experimental Arthritis Prevents Joint Inflammation and Bone Erosion by Decreasing RANKL and Interleukin-1. <i>American Journal of Pathology</i> , 2005, 167, 141-149.	1.9	290

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55	Therapeutic targeting of trained immunity. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 553-566.	21.5	287
56	Inhibition of toll-like receptor 4 breaks the inflammatory loop in autoimmune destructive arthritis. <i>Arthritis and Rheumatism</i> , 2007, 56, 2957-2967.	6.7	281
57	Inflammasome-Independent Regulation of IL-1-Family Cytokines. <i>Annual Review of Immunology</i> , 2015, 33, 49-77.	9.5	275
58	A Functional Genomics Approach to Understand Variation in Cytokine Production in Humans. <i>Cell</i> , 2016, 167, 1099-1110.e14.	13.5	275
59	Inflammatory arthritis in caspase 1 gene-deficient mice: Contribution of proteinase 3 to caspase 1-independent production of bioactive interleukin-1 $\beta$ . <i>Arthritis and Rheumatism</i> , 2009, 60, 3651-3662.	6.7	274
60	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021, 22, 2-6.	7.0	274
61	TNF-induced structural joint damage is mediated by IL-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11742-11747.	3.3	273
62	IL-1 receptor blockade restores autophagy and reduces inflammation in chronic granulomatous disease in mice and in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3526-3531.	3.3	273
63	IL-4 gene therapy for collagen arthritis suppresses synovial IL-17 and osteoprotegerin ligand and prevents bone erosion. <i>Journal of Clinical Investigation</i> , 2000, 105, 1697-1710.	3.9	272
64	BCG Vaccination in Humans Elicits Trained Immunity via the Hematopoietic Progenitor Compartment. <i>Cell Host and Microbe</i> , 2020, 28, 322-334.e5.	5.1	269
65	Trained Immunity or Tolerance: Opposing Functional Programs Induced in Human Monocytes after Engagement of Various Pattern Recognition Receptors. <i>Vaccine Journal</i> , 2014, 21, 534-545.	3.2	262
66	Engagement of fatty acids with toll-like receptor 2 drives interleukin-1 $\beta$ 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
67	Identification of Small Heat Shock Protein B8 (HSP22) as a Novel TLR4 Ligand and Potential Involvement in the Pathogenesis of Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2006, 176, 7021-7027.	0.4	246
68	<i>In Vitro</i> Experimental Model of Trained Innate Immunity in Human Primary Monocytes. <i>Vaccine Journal</i> , 2016, 23, 926-933.	3.2	239
69	Anticytokine treatment of established type II collagen-induced arthritis in DBA/1 mice: A comparative study using anti-TNF $\alpha$ , anti-IL-1 $\beta$ and IL-1Ra. <i>Arthritis and Rheumatism</i> , 2008, 58, S110-S122.	6.7	238
70	The Inflammasome Puts Obesity in the Danger Zone. <i>Cell Metabolism</i> , 2012, 15, 10-18.	7.2	237
71	The Itaconate Pathway Is a Central Regulatory Node Linking Innate Immune Tolerance and Trained Immunity. <i>Cell Metabolism</i> , 2019, 29, 211-220.e5.	7.2	232
72	Microbial stimulation of different Toll-like receptor signalling pathways induces diverse metabolic programmes in human monocytes. <i>Nature Microbiology</i> , 2017, 2, 16246.	5.9	228

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73	Reactive oxygen species-independent activation of the IL-1 <sup>Î²</sup> inflammasome in cells from patients with chronic granulomatous disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3030-3033.	3.3	226
74	TREM-1: intracellular signaling pathways and interaction with pattern recognition receptors. <i>Journal of Leukocyte Biology</i> , 2013, 93, 209-215.	1.5	215
75	Human TLR10 is an anti-inflammatory pattern-recognition receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4478-84.	3.3	211
76	Citrullination of synovial proteins in murine models of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 2489-2500.	6.7	209
77	Interplay between <i>Candida albicans</i> and the Mammalian Innate Host Defense. <i>Infection and Immunity</i> , 2012, 80, 1304-1313.	1.0	206
78	Neutralization of IL-18 Reduces Neutrophil Tissue Accumulation and Protects Mice Against Lethal <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> Endotoxemia. <i>Journal of Immunology</i> , 2000, 164, 2644-2649.	0.4	205
79	Soluble uric acid primes TLR-induced proinflammatory cytokine production by human primary cells via inhibition of IL-1Ra. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 755-762.	0.5	202
80	Non-specific effects of vaccines: Current evidence and potential implications. <i>Seminars in Immunology</i> , 2018, 39, 35-43.	2.7	202
81	Oxidized LDL enhances pro-inflammatory responses of alternatively activated M2 macrophages: A crucial role for KrÄppel-like factor 2. <i>Atherosclerosis</i> , 2011, 214, 345-349.	0.4	200
82	Toll-Like Receptor 2 Pathway Drives Streptococcal Cell Wall-Induced Joint Inflammation: Critical Role of Myeloid Differentiation Factor 88. <i>Journal of Immunology</i> , 2003, 171, 6145-6153.	0.4	199
83	Reversal of Immunoparalysis in Humans <i>In Vivo</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 838-845.	2.5	199
84	Mycobacterium tuberculosis Induces Interleukin-32 Production through a Caspase-1/IL-18/Interferon-Î³-Dependent Mechanism. <i>PLoS Medicine</i> , 2006, 3, e277.	3.9	186
85	IL-37 protects against obesity-induced inflammation and insulin resistance. <i>Nature Communications</i> , 2014, 5, 4711.	5.8	186
86	Prevention of murine collagen-induced arthritis in the knee and ipsilateral paw by local expression of human interleukin-1 receptor antagonist protein in the knee. <i>Arthritis and Rheumatism</i> , 1997, 40, 893-900.	6.7	184
87	Therapeutic effect of neutralizing endogenous IL-18 activity in the collagen-induced model of arthritis. <i>Journal of Clinical Investigation</i> , 2001, 108, 1825-1832.	3.9	184
88	Inflammasome-Independent Modulation of Cytokine Response by Autophagy in Human Cells. <i>PLoS ONE</i> , 2011, 6, e18666.	1.1	182
89	DEL-1 promotes macrophage efferocytosis and clearance of inflammation. <i>Nature Immunology</i> , 2019, 20, 40-49.	7.0	182
90	Interleukin-17 receptor deficiency results in impaired synovial expression of interleukin-1 and matrix metalloproteinases 3, 9, and 13 and prevents cartilage destruction during chronic reactivated streptococcal cell wall-induced arthritis. <i>Arthritis and Rheumatism</i> , 2005, 52, 3239-3247.	6.7	177

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91	Epigenetics and Trained Immunity. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1023-1040.	2.5	176
92	Crohn's disease-associated ATG16L1 polymorphism modulates pro-inflammatory cytokine responses selectively upon activation of NOD2. <i>Gut</i> , 2011, 60, 1229-1235.	6.1	172
93	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
94	Role of gut microbiota in chronic low-grade inflammation as potential driver for atherosclerotic cardiovascular disease: a systematic review of human studies. <i>Obesity Reviews</i> , 2018, 19, 1719-1734.	3.1	169
95	Evolutionary and Functional Analysis of Celiac Risk Loci Reveals SH2B3 as a Protective Factor against Bacterial Infection. <i>American Journal of Human Genetics</i> , 2010, 86, 970-977.	2.6	168
96	IL-17 produced by Paneth cells drives TNF-induced shock. <i>Journal of Experimental Medicine</i> , 2008, 205, 1755-1761.	4.2	167
97	Autophagy Controls BCG-Induced Trained Immunity and the Response to Intravesical BCG Therapy for Bladder Cancer. <i>PLoS Pathogens</i> , 2014, 10, e1004485.	2.1	167
98	Effect of Vegan Fecal Microbiota Transplantation on Carnitine- and Choline-Derived Trimethylamine-N-Oxide Production and Vascular Inflammation in Patients With Metabolic Syndrome. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	164
99	Innate immune cell activation and epigenetic remodeling in symptomatic and asymptomatic atherosclerosis in humans <i>in vivo</i> . <i>Atherosclerosis</i> , 2016, 254, 228-236.	0.4	163
100	Immunometabolic circuits in trained immunity. <i>Seminars in Immunology</i> , 2016, 28, 425-430.	2.7	159
101	Inflammation links excess fat to insulin resistance: the role of the interleukin-1 family. <i>Immunological Reviews</i> , 2012, 249, 239-252.	2.8	158
102	Functional genomics identifies type I interferon pathway as central for host defense against <i>Candida albicans</i> . <i>Nature Communications</i> , 2013, 4, 1342.	5.8	157
103	The anti-CD20 antibody rituximab reduces the Th17 cell response. <i>Arthritis and Rheumatism</i> , 2011, 63, 1507-1516.	6.7	154
104	Differential Effects of Environmental and Genetic Factors on T and B Cell Immune Traits. <i>Cell Reports</i> , 2016, 17, 2474-2487.	2.9	154
105	Interleukin-32 induces the differentiation of monocytes into macrophage-like cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3515-3520.	3.3	152
106	BCG Vaccination Induces Long-Term Functional Reprogramming of Human Neutrophils. <i>Cell Reports</i> , 2020, 33, 108387.	2.9	152
107	Toll-like receptors and chronic inflammation in rheumatic diseases: new developments. <i>Nature Reviews Rheumatology</i> , 2016, 12, 344-357.	3.5	150
108	Monocyte and macrophage immunometabolism in atherosclerosis. <i>Seminars in Immunopathology</i> , 2018, 40, 203-214.	2.8	150

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109	Asymptomatic hyperuricaemia: a silent activator of the innate immune system. <i>Nature Reviews Rheumatology</i> , 2020, 16, 75-86.	3.5	150
110	Inter-individual variability and genetic influences on cytokine responses to bacteria and fungi. <i>Nature Medicine</i> , 2016, 22, 952-960.	15.2	148
111	Attenuated atherosclerosis upon IL-17R signaling disruption in LDLr deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 261-265.	1.0	147
112	Trained immunity: A smart way to enhance innate immune defence. <i>Molecular Immunology</i> , 2015, 68, 40-44.	1.0	147
113	Trained Immunity: Reprogramming Innate Immunity in Health and Disease. <i>Annual Review of Immunology</i> , 2021, 39, 667-693.	9.5	146
114	Specific and Complex Reprogramming of Cellular Metabolism in Myeloid Cells during Innate Immune Responses. <i>Cell Metabolism</i> , 2017, 26, 142-156.	7.2	144
115	Hyperglycemia Activates Caspase-1 and TXNIP-Mediated IL-1 $\beta$ Transcription in Human Adipose Tissue. <i>Diabetes</i> , 2011, 60, 517-524.	0.3	141
116	12/15-Lipoxygenase Counteracts Inflammation and Tissue Damage in Arthritis. <i>Journal of Immunology</i> , 2009, 183, 3383-3389.	0.4	138
117	Treatment with Anakinra Improves Disposition Index But Not Insulin Sensitivity in Nondiabetic Subjects with the Metabolic Syndrome: A Randomized, Double-Blind, Placebo-Controlled Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 2119-2126.	1.8	137
118	Gut Microbial Associations to Plasma Metabolites Linked to Cardiovascular Phenotypes and Risk. <i>Circulation Research</i> , 2019, 124, 1808-1820.	2.0	137
119	The Potential Role of Trained Immunity in Autoimmune and Autoinflammatory Disorders. <i>Frontiers in Immunology</i> , 2018, 9, 298.	2.2	135
120	The Intersection of Epigenetics and Metabolism in Trained Immunity. <i>Immunity</i> , 2021, 54, 32-43.	6.6	134
121	DIFFERENT ROLES OF TUMOUR NECROSIS FACTOR $\alpha$ AND INTERLEUKIN 1 IN MURINE STREPTOCOCCAL CELL WALL ARTHRITIS. <i>Cytokine</i> , 1998, 10, 690-702.	1.4	132
122	Insulin-like growth factor stimulation of chondrocyte proteoglycan synthesis by human synovial fluid. <i>Arthritis and Rheumatism</i> , 1989, 32, 66-71.	6.7	131
123	Treatment with Statins Does Not Revert Trained Immunity in Patients with Familial Hypercholesterolemia. <i>Cell Metabolism</i> , 2019, 30, 1-2.	7.2	130
124	Dapansutrile, an oral selective NLRP3 inflammasome inhibitor, for treatment of gout flares: an open-label, dose-adaptive, proof-of-concept, phase 2a trial. <i>Lancet Rheumatology</i> , The, 2020, 2, e270-e280.	2.2	130
125	Physiological and Genetic Adaptations to Diving in Sea Nomads. <i>Cell</i> , 2018, 173, 569-580.e15.	13.5	129
126	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



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127	The toll-like receptor 4 Asp299Gly functional variant is associated with decreased rheumatoid arthritis disease susceptibility but does not influence disease severity and/or outcome. <i>Arthritis and Rheumatism</i> , 2004, 50, 999-1001.	6.7	124
128	Association of interleukin-18 expression with enhanced levels of both interleukin-1 $\beta$ and tumor necrosis factor $\alpha$ in knee synovial tissue of patients with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 339-347.	6.7	121
129	Urate-induced immune programming: Consequences for gouty arthritis and hyperuricemia. <i>Immunological Reviews</i> , 2020, 294, 92-105.	2.8	121
130	Tumor necrosis factor $\alpha$ -interleukin $\beta$ 17 interplay induces S100A8, interleukin $\beta$ 2, and matrix metalloproteinases, and drives irreversible cartilage destruction in murine arthritis: Rationale for combination treatment during arthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 2329-2339.	6.7	119
131	TLR2 & Co: a critical analysis of the complex interactions between TLR2 and coreceptors. <i>Journal of Leukocyte Biology</i> , 2013, 94, 885-902.	1.5	119
132	Interleukin-17 Acts Independently of TNF $\alpha$ under Arthritic Conditions. <i>Journal of Immunology</i> , 2006, 176, 6262-6269.	0.4	118
133	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
134	A Polysaccharide Virulence Factor from <i>Aspergillus fumigatus</i> Elicits Anti-inflammatory Effects through Induction of Interleukin-1 Receptor Antagonist. <i>PLoS Pathogens</i> , 2014, 10, e1003936.	2.1	117
135	Toll-like Receptor 1 Polymorphisms Increase Susceptibility to Candidemia. <i>Journal of Infectious Diseases</i> , 2012, 205, 934-943.	1.9	116
136	Anti- <i>Aspergillus</i> human host defence relies on type 1 T helper (Th1), rather than type 17 T helper (Th17), cellular immunity. <i>Immunology</i> , 2010, 130, 46-54.	2.0	115
137	An IFN $\gamma$ -Independent Proinflammatory Role of IL-18 in Murine Streptococcal Cell Wall Arthritis. <i>Journal of Immunology</i> , 2000, 165, 6553-6558.	0.4	114
138	Uric acid priming in human monocytes is driven by the AKT-PRAS40 autophagy pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5485-5490.	3.3	114
139	NLRP3 inflammasome inhibitor OLT1177 suppresses joint inflammation in murine models of acute arthritis. <i>Arthritis Research and Therapy</i> , 2018, 20, 169.	1.6	110
140	Induction of innate immune memory: the role of cellular metabolism. <i>Current Opinion in Immunology</i> , 2019, 56, 10-16.	2.4	109
141	Inflammation-dependent secretion and splicing of IL-32 $\beta$ in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4962-4967.	3.3	108
142	Interleukin-1 $\beta$ in innate inflammation, autophagy and immunity. <i>Seminars in Immunology</i> , 2013, 25, 416-424.	2.7	107
143	Trained Innate Immunity as a Novel Mechanism Linking Infection and the Development of Atherosclerosis. <i>Circulation Research</i> , 2018, 122, 664-669.	2.0	107
144	Tumour necrosis factor alpha-driven IL-32 expression in rheumatoid arthritis synovial tissue amplifies an inflammatory cascade. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 660-667.	0.5	104

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145	Integration of multi-omics data and deep phenotyping enables prediction of cytokine responses. <i>Nature Immunology</i> , 2018, 19, 776-786.	7.0	103
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