

# 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

867

120  
h-index

1256

232  
g-index

639  
all docs

639  
docs citations

639  
times ranked

76775  
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 $\beta$ 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- $\beta$ -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 $\beta$ -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
146	Î²-Glucan-Induced Trained Immunity Protects against <i>Leishmania braziliensis</i> Infection: a Crucial Role for IL-32. <i>Cell Reports</i> , 2019, 28, 2659-2672.e6.	2.9	102
147	STAT1 Hyperphosphorylation and Defective IL12R/IL23R Signaling Underlie Defective Immunity in Autosomal Dominant Chronic Mucocutaneous Candidiasis. <i>PLoS ONE</i> , 2011, 6, e29248.	1.1	101
148	Trained Immunity-Promoting Nanobiologic Therapy Suppresses Tumor Growth and Potentiates Checkpoint Inhibition. <i>Cell</i> , 2020, 183, 786-801.e19.	13.5	101
149	Genetic ablation of interferon-γ up-regulates interleukin-17 expression and enables the elicitation of collagen-induced arthritis in a nonsusceptible mouse strain. <i>Arthritis and Rheumatism</i> , 2001, 44, 2413-2424.	6.7	100
150	Modulation of Toll-Like Receptor 2 (TLR2) and TLR4 Responses by <i>Aspergillus fumigatus</i> . <i>Infection and Immunity</i> , 2009, 77, 2184-2192.	1.0	100
151	Role of Dectin-2 for Host Defense against Systemic Infection with <i>Candida glabrata</i> . <i>Infection and Immunity</i> , 2014, 82, 1064-1073.	1.0	100
152	Increased Plasma Heparanase Activity in COVID-19 Patients. <i>Frontiers in Immunology</i> , 2020, 11, 575047.	2.2	98
153	<i>Mycobacterium tuberculosis</i> induces IL-17A responses through TLR4 and dectin-1 and is critically dependent on endogenous IL-1. <i>Journal of Leukocyte Biology</i> , 2010, 88, 227-232.	1.5	97
154	BCG vaccination in humans inhibits systemic inflammation in a sex-dependent manner. <i>Journal of Clinical Investigation</i> , 2020, 130, 5591-5602.	3.9	96
155	Transcriptional and metabolic reprogramming induce an inflammatory phenotype in non-medullary thyroid carcinoma-induced macrophages. <i>Oncolmmunology</i> , 2016, 5, e1229725.	2.1	95
156	The role of the interleukin-1 family in trained immunity. <i>Immunological Reviews</i> , 2018, 281, 28-39.	2.8	95
157	Targeting tumor-derived NLRP3 reduces melanoma progression by limiting MDSCs expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	95
158	Circadian rhythm influences induction of trained immunity by BCG vaccination. <i>Journal of Clinical Investigation</i> , 2020, 130, 5603-5617.	3.9	95
159	Interleukin-1 drives pathogenic Th17 cells during spontaneous arthritis in interleukin-1 receptor antagonist-deficient mice. <i>Arthritis and Rheumatism</i> , 2008, 58, 3461-3470.	6.7	94
160	Trained immunity as a molecular mechanism for BCG immunotherapy in bladder cancer. <i>Nature Reviews Urology</i> , 2020, 17, 513-525.	1.9	94
161	An experimental model for hydrogen peroxide-induced tissue damage. Effects of a single inflammatory mediator on (peri)articular tissues. <i>Arthritis and Rheumatism</i> , 1986, 29, 532-538.	6.7	93
162	<i>Aspergillus fumigatus</i> cell wall components differentially modulate host TLR2 and TLR4 responses. <i>Microbes and Infection</i> , 2011, 13, 151-159.	1.0	93

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163	The IL-36 receptor pathway regulates Aspergillus fumigatus-induced Th1 and Th17 responses. <i>European Journal of Immunology</i> , 2013, 43, 416-426.	1.6	93
164	Inhibition of HDAC Activity by ITF2357 Ameliorates Joint Inflammation and Prevents Cartilage and Bone Destruction in Experimental Arthritis. <i>Molecular Medicine</i> , 2011, 17, 391-396.	1.9	92
165	Transdifferentiation of polymorphonuclear neutrophils to dendritic-like cells at the site of inflammation in rheumatoid arthritis: evidence for activation by T cells. <i>Annals of the Rheumatic Diseases</i> , 2005, 64, 1436-1442.	0.5	91
166	The Inflammasome and Caspase-1 Activation: A New Mechanism Underlying Increased Inflammatory Activity in Human Visceral Adipose Tissue. <i>Endocrinology</i> , 2011, 152, 3769-3778.	1.4	91
167	Th17 responses and host defense against microorganisms: an overview. <i>BMB Reports</i> , 2009, 42, 776-787.	1.1	91
168	Type I interferons might form the link between Toll-like receptor (TLR) 3/7 and TLR4-mediated synovial inflammation in rheumatoid arthritis (RA). <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 1486-1493.	0.5	90
169	Suppression of monosodium urate crystal-induced cytokine production by butyrate is mediated by the inhibition of class I histone deacetylases. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 593-600.	0.5	90
170	Induction of cartilage damage by overexpression of T cell interleukin-17A in experimental arthritis in mice deficient in interleukin-1. <i>Arthritis and Rheumatism</i> , 2005, 52, 975-983.	6.7	89
171	IL-1 Family Cytokine Pathways Underlying NAFLD: Towards New Treatment Strategies. <i>Trends in Molecular Medicine</i> , 2018, 24, 458-471.	3.5	89
172	Shift from toll-like receptor 2 (TLR2) toward TLR4 dependency in the erosive stage of chronic streptococcal cell wall arthritis coincident with TLR4-mediated interleukin-17 production. <i>Arthritis and Rheumatism</i> , 2008, 58, 3753-3764.	6.7	88
173	Convergent evolution in European and Roma populations reveals pressure exerted by plague on Toll-like receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2668-2673.	3.3	88
174	Interleukin-18 Promotes Joint Inflammation and Induces Interleukin-1-Driven Cartilage Destruction. <i>American Journal of Pathology</i> , 2004, 165, 959-967.	1.9	87
175	Functional and genetic evidence that the Mal/TIRAP allele variant 180L has been selected by providing protection against septic shock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10272-10277.	3.3	87
176	Interleukin 37 reverses the metabolic cost of inflammation, increases oxidative respiration, and improves exercise tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2313-2318.	3.3	87
177	Effects of oral butyrate supplementation on inflammatory potential of circulating peripheral blood mononuclear cells in healthy and obese males. <i>Scientific Reports</i> , 2019, 9, 775.	1.6	87
178	Complement Activation in the Disease Course of Coronavirus Disease 2019 and Its Effects on Clinical Outcomes. <i>Journal of Infectious Diseases</i> , 2021, 223, 214-224.	1.9	86
179	Innate immune memory: Implications for host responses to damage-associated molecular patterns. <i>European Journal of Immunology</i> , 2016, 46, 817-828.	1.6	85
180	Cellular metabolism of myeloid cells in sepsis. <i>Journal of Leukocyte Biology</i> , 2017, 101, 151-164.	1.5	85

#	ARTICLE	IF	CITATIONS
181	REGULATORY ROLE OF INTERLEUKIN 10 IN JOINT INFLAMMATION AND CARTILAGE DESTRUCTION IN MURINE STREPTOCOCCAL CELL WALL (SCW) ARTHRITIS. MORE THERAPEUTIC BENEFIT WITH IL-4/IL-10 COMBINATION THERAPY THAN WITH IL-10 TREATMENT ALONE. <i>Cytokine</i> , 1998, 10, 361-369.	1.4	84
182	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
183	Interleukin 32 (IL-32) Contains a Typical $\alpha$ -Helix Bundle Structure That Resembles Focal Adhesion Targeting Region of Focal Adhesion Kinase-1. <i>Journal of Biological Chemistry</i> , 2012, 287, 5733-5743.	1.6	84
184	Deficiency of NADPH Oxidase Components p47phox and gp91phox Caused Granulomatous Synovitis and Increased Connective Tissue Destruction in Experimental Arthritis Models. <i>American Journal of Pathology</i> , 2003, 163, 1525-1537.	1.9	83
185	T cell dependence of chronic destructive murine arthritis induced by repeated local activation of toll-like receptor-driven pathways: Crucial role of both interleukin-1 $\beta$ and interleukin-17. <i>Arthritis and Rheumatism</i> , 2008, 58, 98-108.	6.7	81
186	The interplay between central metabolism and innate immune responses. <i>Cytokine and Growth Factor Reviews</i> , 2014, 25, 707-713.	3.2	81
187	Biology of IL-38 and its role in disease. <i>Immunological Reviews</i> , 2018, 281, 191-196.	2.8	81
188	Genetic Variation in the Dectin-1/CARD9 Recognition Pathway and Susceptibility to Candidemia. <i>Journal of Infectious Diseases</i> , 2011, 204, 1138-1145.	1.9	80
189	Novel insights into the biology of interleukin-32. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3883-3892.	2.4	80
190	Gut microbial co-abundance networks show specificity in inflammatory bowel disease and obesity. <i>Nature Communications</i> , 2020, 11, 4018.	5.8	80
191	Treatment with a CO-releasing molecule (CORM-3) reduces joint inflammation and erosion in murine collagen-induced arthritis. <i>Annals of the Rheumatic Diseases</i> , 2007, 67, 1211-1217.	0.5	78
192	<i>Candida albicans</i> Dampens Host Defense by Downregulating IL-17 Production. <i>Journal of Immunology</i> , 2010, 185, 2450-2457.	0.4	78
193	Safety and COVID-19 Symptoms in Individuals Recently Vaccinated with BCG: a Retrospective Cohort Study. <i>Cell Reports Medicine</i> , 2020, 1, 100073.	3.3	78
194	Treating experimental arthritis with the innate immune inhibitor interleukin-37 reduces joint and systemic inflammation. <i>Rheumatology</i> , 2016, 55, 2220-2229.	0.9	77
195	Cerebral tryptophan metabolism and outcome of tuberculous meningitis: an observational cohort study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 526-535.	4.6	77
196	Sex-Specific Regulation of Inflammation and Metabolic Syndrome in Obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1787-1800.	1.1	77
197	<i>Bartonella quintana</i> Lipopolysaccharide Is a Natural Antagonist of Toll-Like Receptor 4. <i>Infection and Immunity</i> , 2007, 75, 4831-4837.	1.0	76
198	ImmunoChip SNP array identifies novel genetic variants conferring susceptibility to candidaemia. <i>Nature Communications</i> , 2014, 5, 4675.	5.8	76

#	ARTICLE	IF	CITATIONS
199	The Set7 Lysine Methyltransferase Regulates Plasticity in Oxidative Phosphorylation Necessary for Trained Immunity Induced by Î²-Glucan. <i>Cell Reports</i> , 2020, 31, 107548.	2.9	76
200	Catecholamines Induce Trained Immunity in Monocytes In Vitro and In Vivo. <i>Circulation Research</i> , 2020, 127, 269-283.	2.0	76
201	Transcriptional and inflammasome-mediated pathways for the induction of IL-1Î² production by <i>Mycobacterium tuberculosis</i> . <i>European Journal of Immunology</i> , 2009, 39, 1914-1922.	1.6	75
202	IL-32 Promotes Angiogenesis. <i>Journal of Immunology</i> , 2014, 192, 589-602.	0.4	74
203	Long-term in vitro and in vivo effects of Î³-irradiated BCG on innate and adaptive immunity. <i>Journal of Leukocyte Biology</i> , 2015, 98, 995-1001.	1.5	74
204	Inflammatory Role of ASC in Antigen-Induced Arthritis Is Independent of Caspase-1, NALP-3, and IPAF. <i>Journal of Immunology</i> , 2009, 183, 4003-4012.	0.4	73
205	The Candida Th17 response is dependent on mannan- and Î²-glucan-induced prostaglandin E2. <i>International Immunology</i> , 2010, 22, 889-895.	1.8	73
206	Autophagy modulates the <i>Mycobacterium tuberculosis</i> -induced cytokine response. <i>Immunology</i> , 2011, 134, 341-348.	2.0	73
207	Rewiring monocyte glucose metabolism via C-type lectin signaling protects against disseminated candidiasis. <i>PLoS Pathogens</i> , 2017, 13, e1006632.	2.1	73
208	Gout, Hyperuricaemia and Crystal-Associated Disease Network (G-CAN) consensus statement regarding labels and definitions of disease states of gout. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1592-1600.	0.5	72
209	Antibody neutralization of microbiota-derived circulating peptidoglycan dampens inflammation and ameliorates autoimmunity. <i>Nature Microbiology</i> , 2019, 4, 766-773.	5.9	72
210	Transmission of trained immunity and heterologous resistance to infections across generations. <i>Nature Immunology</i> , 2021, 22, 1382-1390.	7.0	72
211	Influence of heme oxygenase 1 modulation on the progression of murine collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2005, 52, 3230-3238.	6.7	71
212	Low Induction of Proinflammatory Cytokines Parallels Evolutionary Success of Modern Strains within the <i>Mycobacterium tuberculosis</i> Beijing Genotype. <i>Infection and Immunity</i> , 2013, 81, 3750-3756.	1.0	71
213	Bypassing Pathogen-Induced Inflammasome Activation for the Regulation of Interleukin-1Î² Production by the Fungal Pathogen <i>Candida albicans</i> . <i>Journal of Infectious Diseases</i> , 2009, 199, 1087-1096.	1.9	70
214	Enhanced interleukin-1Î² production of PBMCs from patients with gout after stimulation with Toll-like receptor-2 ligands and urate crystals. <i>Arthritis Research and Therapy</i> , 2012, 14, R158.	1.6	70
215	Engagement of NOD2 has a dual effect on proIL-1Î² mRNA transcription and secretion of bioactive IL-1Î². <i>European Journal of Immunology</i> , 2008, 38, 184-191.	1.6	69
216	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

#	ARTICLE	IF	CITATIONS
217	A Comprehensive Analysis of Pattern Recognition Receptors in Normal and Inflamed Human Epidermis: Upregulation of Dectin-1 in Psoriasis. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2611-2620.	0.3	68
218	Cytokine Gene Polymorphisms and the Outcome of Invasive Candidiasis: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2012, 54, 502-510.	2.9	68
219	Phagosomal removal of fungal melanin reprograms macrophage metabolism to promote antifungal immunity. <i>Nature Communications</i> , 2020, 11, 2282.	5.8	68
220	Pattern recognition pathways leading to a Th2 cytokine bias in allergic bronchopulmonary aspergillosis patients. <i>Clinical and Experimental Allergy</i> , 2015, 45, 423-437.	1.4	67
221	Gene polymorphisms in pattern recognition receptors and susceptibility to idiopathic recurrent vulvovaginal candidiasis. <i>Frontiers in Microbiology</i> , 2014, 5, 483.	1.5	66
222	Interleukin 32: a novel player in the control of infectious diseases. <i>Journal of Leukocyte Biology</i> , 2017, 101, 39-52.	1.5	65
223	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
224	Variable recognition of <i>Candida albicans</i> strains by TLR4 and lectin recognition receptors. <i>Medical Mycology</i> , 2010, 48, 897-903.	0.3	64
225	Understanding human immune function using the resources from the Human Functional Genomics Project. <i>Nature Medicine</i> , 2016, 22, 831-833.	15.2	63
226	Alpha-1-anti-trypsin-Fc fusion protein ameliorates gouty arthritis by reducing release and extracellular processing of IL-1 $\beta$ and by the induction of endogenous IL-1Ra. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1219-1227.	0.5	63
227	ABCG2 polymorphisms in gout: insights into disease susceptibility and treatment approaches. <i>Pharmacogenomics and Personalized Medicine</i> , 2017, Volume 10, 129-142.	0.4	63
228	Trained immunity as a novel therapeutic strategy. <i>Current Opinion in Pharmacology</i> , 2018, 41, 52-58.	1.7	63
229	Predicting bacterial infection outcomes using single cell RNA-sequencing analysis of human immune cells. <i>Nature Communications</i> , 2019, 10, 3266.	5.8	62
230	Inhibition of caspase-1 activation in gram-negative sepsis and experimental endotoxemia. <i>Critical Care</i> , 2011, 15, R27.	2.5	61
231	Neutrophil-Mediated Inhibition of Proinflammatory Cytokine Responses. <i>Journal of Immunology</i> , 2012, 189, 4806-4815.	0.4	61
232	Dysregulated Innate and Adaptive Immune Responses Discriminate Disease Severity in COVID-19. <i>Journal of Infectious Diseases</i> , 2021, 223, 1322-1333.	1.9	61
233	Pre-treatment with capsaicin in a rat osteoarthritis model reduces the symptoms of pain and bone damage induced by monosodium iodoacetate. <i>European Journal of Pharmacology</i> , 2010, 641, 108-113.	1.7	60
234	Increased expression of interleukin-22 by synovial Th17 cells during late stages of murine experimental arthritis is controlled by interleukin-1 and enhances bone degradation. <i>Arthritis and Rheumatism</i> , 2011, 63, 2939-2948.	6.7	60

#	ARTICLE	IF	CITATIONS
235	Cholesterol accumulation caused by low density lipoprotein receptor deficiency or a cholesterol-rich diet results in ectopic bone formation during experimental osteoarthritis. <i>Arthritis Research and Therapy</i> , 2013, 15, R178.	1.6	60
236	PI3K $\beta$ regulates cartilage damage in chronic inflammatory arthritis. <i>FASEB Journal</i> , 2009, 23, 4288-4298.	0.2	59
237	Interleukin-32: A predominantly intracellular proinflammatory mediator that controls cell activation and cell death. <i>Cytokine</i> , 2012, 60, 321-327.	1.4	59
238	Rewiring of glucose metabolism defines trained immunity induced by oxidized low-density lipoprotein. <i>Journal of Molecular Medicine</i> , 2020, 98, 819-831.	1.7	59
239	Functional consequences of the Asp299Gly Toll-like receptor-4 polymorphism. <i>Cytokine</i> , 2005, 30, 264-268.	1.4	58
240	Differential Toll-Like Receptor Recognition and Induction of Cytokine Profile by <i>Bifidobacterium breve</i> and <i>Lactobacillus</i> Strains of Probiotics. <i>Vaccine Journal</i> , 2011, 18, 621-628.	3.2	58
241	The role of NLRs and TLRs in the activation of the inflammasome. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 1867-1872.	1.4	57
242	R $\alpha$ spondin 1 protects against inflammatory bone damage during murine arthritis by modulating the Wnt pathway. <i>Arthritis and Rheumatism</i> , 2010, 62, 2303-2312.	6.7	57
243	Severe <i>Candida</i> spp. infections: new insights into natural immunity. <i>International Journal of Antimicrobial Agents</i> , 2010, 36, S58-S62.	1.1	57
244	Complement plays a central role in <i>Candida albicans</i> -induced cytokine production by human PBMCs. <i>European Journal of Immunology</i> , 2012, 42, 993-1004.	1.6	57
245	<i>Candida albicans</i> Primes TLR Cytokine Responses through a Dectin-1/Raf-1-Mediated Pathway. <i>Journal of Immunology</i> , 2013, 190, 4129-4135.	0.4	57
246	TLR1/TLR2 Heterodimers Play an Important Role in the Recognition of <i>Borrelia Spirochetes</i> . <i>PLoS ONE</i> , 2011, 6, e25998.	1.1	57
247	Interleukin-18 resistance in patients with obesity and type 2 diabetes mellitus. <i>International Journal of Obesity</i> , 2008, 32, 1407-1414.	1.6	56
248	The loss of $\alpha$ 2 $\beta$ 1 integrin suppresses joint inflammation and cartilage destruction in mouse models of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 1359-1368.	6.7	55
249	Genetic and Microbial Associations to Plasma and Fecal Bile Acids in Obesity Relate to Plasma Lipids and Liver Fat Content. <i>Cell Reports</i> , 2020, 33, 108212.	2.9	55
250	Differential function of the NACHT-LRR (NLR) members Nod1 and Nod2 in arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9017-9022.	3.3	54
251	TREM-1 interaction with the LPS/TLR4 receptor complex. <i>European Cytokine Network</i> , 2011, 22, 11-14.	1.1	54
252	The discriminative capacity of soluble Toll-like receptor (sTLR)2 and sTLR4 in inflammatory diseases. <i>BMC Immunology</i> , 2014, 15, 55.	0.9	54

#	ARTICLE	IF	CITATIONS
253	IL1B and DEFB1 Polymorphisms Increase Susceptibility to Invasive Mold Infection After Solid-Organ Transplantation. <i>Journal of Infectious Diseases</i> , 2015, 211, 1646-1657.	1.9	54
254	Insights into the role of IL-32 in cancer. <i>Seminars in Immunology</i> , 2018, 38, 24-32.	2.7	54
255	Crohn's disease patients homozygous for the 3020insC NOD2 mutation have a defective NOD2/TLR4 cross-tolerance to intestinal stimuli. <i>Immunology</i> , 2008, 123, 600-605.	2.0	53
256	Vitamin A induces inhibitory histone methylation modifications and down-regulates trained immunity in human monocytes. <i>Journal of Leukocyte Biology</i> , 2015, 98, 129-136.	1.5	53
257	The interplay between inflammasome activation and antifungal host defense. <i>Immunological Reviews</i> , 2015, 265, 172-180.	2.8	53
258	Trained Immunity and Local Innate Immune Memory in the Lung. <i>Cell</i> , 2018, 175, 1463-1465.	13.5	53
259	The Epigenetic Memory of Monocytes and Macrophages as a Novel Drug Target in Atherosclerosis. <i>Clinical Therapeutics</i> , 2015, 37, 914-923.	1.1	52
260	IL-18 Serum Concentration Is Markedly Elevated in Acute EBV Infection and Can Serve as a Marker for Disease Severity. <i>Journal of Infectious Diseases</i> , 2012, 206, 197-201.	1.9	51
261	Combination of biomarkers for the discrimination between bacterial and viral lower respiratory tract infections. <i>Journal of Infection</i> , 2012, 65, 490-495.	1.7	51
262	Trained innate immunity and atherosclerosis. <i>Current Opinion in Lipidology</i> , 2013, 24, 487-492.	1.2	51
263	Abnormal epigenetic changes during differentiation of human skeletal muscle stem cells from obese subjects. <i>BMC Medicine</i> , 2017, 15, 39.	2.3	51
264	Advances in understanding molecular regulation of innate immune memory. <i>Current Opinion in Cell Biology</i> , 2020, 63, 68-75.	2.6	51
265	Receptor Recognition of and Immune Intracellular Pathways for <i>Veillonella parvula</i> Lipopolysaccharide. <i>Vaccine Journal</i> , 2009, 16, 1804-1809.	3.2	50
266	Activation of innate host defense mechanisms by <i>Borrelia</i> . <i>European Cytokine Network</i> , 2010, 21, 7-18.	1.1	49
267	Alternatively spliced isoforms of IL-32 differentially influence cell death pathways in cancer cell lines. <i>Carcinogenesis</i> , 2016, 37, 197-205.	1.3	49
268	Aldosterone induces trained immunity: the role of fatty acid synthesis. <i>Cardiovascular Research</i> , 2020, 116, 317-328.	1.8	49
269	Polymorphisms in Autophagy Genes and Susceptibility to Tuberculosis. <i>PLoS ONE</i> , 2012, 7, e41618.	1.1	49
270	Local Interleukin-1-Driven Joint Pathology Is Dependent on Toll-Like Receptor 4 Activation. <i>American Journal of Pathology</i> , 2009, 175, 2004-2013.	1.9	48



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271	Mast Cells Induce Vascular Smooth Muscle Cell Apoptosis via a Toll-Like Receptor 4 Activation Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1960-1969.	1.1	48
272	The mineralocorticoid receptor as a modulator of innate immunity and atherosclerosis. <i>Cardiovascular Research</i> , 2018, 114, 944-953.	1.8	48
273	New biomarkers for early detection of cardiotoxicity after treatment with docetaxel, doxorubicin and cyclophosphamide. <i>Biomarkers</i> , 2015, 20, 143-148.	0.9	47
274	Short-Term Hypoxia Dampens Inflammation in vivo via Enhanced Adenosine Release and Adenosine 2B Receptor Stimulation. <i>EBioMedicine</i> , 2018, 33, 144-156.	2.7	47
275	Interleukin-32 in chronic inflammatory conditions is associated with a higher risk of cardiovascular diseases. <i>Atherosclerosis</i> , 2017, 264, 83-91.	0.4	46
276	The classical CD14 <sup>++</sup> CD16 <sup>â”</sup> monocytes, but not the patrolling CD14 <sup>+</sup> CD16 <sup>+</sup> monocytes, promote Th17 responses to <i>Candida albicans</i> . <i>European Journal of Immunology</i> , 2011, 41, 2915-2924.	1.6	45
277	Integrated Genomics of Crohn's Disease Risk Variant Identifies a Role for CLEC12A in Antibacterial Autophagy. <i>Cell Reports</i> , 2015, 11, 1905-1918.	2.9	45
278	The Role of Dectin-2 for Host Defense Against Disseminated Candidiasis. <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 267-276.	0.5	45
279	Functional and Genomic Architecture of <i>Borrelia burgdorferi</i> -Induced Cytokine Responses in Humans. <i>Cell Host and Microbe</i> , 2016, 20, 822-833.	5.1	44
280	Trained Immunity Characteristics Are Associated With Progressive Cerebral Small Vessel Disease. <i>Stroke</i> , 2018, 49, 2910-2917.	1.0	44
281	Immunometabolism orchestrates training of innate immunity in atherosclerosis. <i>Cardiovascular Research</i> , 2019, 115, 1416-1424.	1.8	44
282	Increased proteinase 3 and neutrophil elastase plasma concentrations are associated with non-alcoholic fatty liver disease (NAFLD) and type 2 diabetes. <i>Molecular Medicine</i> , 2019, 25, 16.	1.9	44
283	Rare genetic variants in interleukin-37 link this anti-inflammatory cytokine to the pathogenesis and treatment of gout. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 536-544.	0.5	44
284	Tumor NLRP3-Derived IL-1 <sup>2</sup> Drives the IL-6/STAT3 Axis Resulting in Sustained MDSC-Mediated Immunosuppression. <i>Frontiers in Immunology</i> , 2021, 12, 661323.	2.2	44
285	Genetic Basis for Recurrent Vulvo-Vaginal Candidiasis. <i>Current Infectious Disease Reports</i> , 2013, 15, 136-142.	1.3	43
286	Human IL-32 expression protects mice against a hypervirulent strain of <i>Mycobacterium tuberculosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5111-5116.	3.3	43
287	Characterization of gut microbial structural variations as determinants of human bile acid metabolism. <i>Cell Host and Microbe</i> , 2021, 29, 1802-1814.e5.	5.1	43
288	Lethal <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> endotoxemia is mediated through different pathways. <i>European Journal of Immunology</i> , 2001, 31, 2529-2538.	1.6	42

#	ARTICLE	IF	CITATIONS
289	Anti IL-17A therapy inhibits bone loss in TNF $\alpha$ -mediated murine arthritis by modulation of the T $\beta$ cell balance. <i>European Journal of Immunology</i> , 2012, 42, 413-423.	1.6	42
290	Innate immunity networks during infection with <i>Borrelia burgdorferi</i> . <i>Critical Reviews in Microbiology</i> , 2014, 42, 1-12.	2.7	42
291	An anti-inflammatory property of <i>Candida albicans</i> $\beta$ -glucan: Induction of high levels of interleukin-1 receptor antagonist via a Dectin-1/CR3 independent mechanism. <i>Cytokine</i> , 2015, 71, 215-222.	1.4	42
292	Factors modulating the inflammatory response in acute gouty arthritis. <i>Current Opinion in Rheumatology</i> , 2017, 29, 163-170.	2.0	42
293	Prosaposin mediates inflammation in atherosclerosis. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	42
294	In vitro induction of trained immunity in adherent human monocytes. <i>STAR Protocols</i> , 2021, 2, 100365.	0.5	42
295	Amplifying elements of arthritis and joint destruction. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, iii45-iii48.	0.5	41
296	Murine Antigen-Induced Arthritis. <i>Methods in Molecular Medicine</i> , 2007, 136, 243-253.	0.8	41
297	TLR1, TLR2, and TLR6 Gene Polymorphisms Are Associated With Increased Susceptibility to Complicated Skin and Skin Structure Infections. <i>Journal of Infectious Diseases</i> , 2014, 210, 311-318.	1.9	41
298	Differential role of NK cells against <i>Candida albicans</i> infection in immunocompetent or immunocompromised mice. <i>European Journal of Immunology</i> , 2014, 44, 2405-2414.	1.6	41
299	The orchestra of toll-like receptors and their potential role in frequently occurring rheumatic conditions. <i>Arthritis and Rheumatism</i> , 2008, 58, 338-348.	6.7	40
300	Differential effects of platelets and platelet inhibition by ticagrelor on TLR2- and TLR4-mediated inflammatory responses. <i>Thrombosis and Haemostasis</i> , 2015, 113, 1035-1045.	1.8	40
301	Mice Deficient in the IL-1 $\beta$ 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
302	The anti-inflammatory cytokine interleukin-37 is an inhibitor of trained immunity. <i>Cell Reports</i> , 2021, 35, 108955.	2.9	40
303	Trained innate immunity, long-lasting epigenetic modulation, and skewed myelopoiesis by heme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	40
304	Absence of citrulline-specific autoantibodies in animal models of autoimmunity. <i>Arthritis and Rheumatism</i> , 2004, 50, 2370-2372.	6.7	39
305	Towards a role of interleukin-32 in atherosclerosis. <i>Cytokine</i> , 2013, 64, 433-440.	1.4	39
306	Blueprints of Signaling Interactions between Pattern Recognition Receptors: Implications for the Design of Vaccine Adjuvants. <i>Vaccine Journal</i> , 2013, 20, 427-432.	3.2	39

#	ARTICLE	IF	CITATIONS
307	Bartonella quintana lipopolysaccharide (LPS): structure and characteristics of a potent TLR4 antagonist for in-vitro and in-vivo applications. Scientific Reports, 2016, 6, 34221.	1.6	39
308	Novel strategies for the prevention and treatment of <i>Candida</i> infections: the potential of immunotherapy. FEMS Microbiology Reviews, 2010, 34, 1063-1075.	3.9	38
309	Oxidative and nitrosative stress in acute pancreatitis. Modulation by pentoxifylline and oxypurinol. Biochemical Pharmacology, 2012, 83, 122-130.	2.0	38
310	<i>Aspergillus fumigatus</i> "Induced IL-22 Is Not Restricted to a Specific Th Cell Subset and Is Dependent on Complement Receptor 3. Journal of Immunology, 2013, 190, 5629-5639.	0.4	38
311	Specific Interferon $\gamma$ Detection for the Diagnosis of Previous Q Fever. Clinical Infectious Diseases, 2013, 56, 1742-1751.	2.9	38
312	Cytokines and microbicidal molecules regulated by IL-32 in THP-1-derived human macrophages infected with New World Leishmania species. PLoS Neglected Tropical Diseases, 2017, 11, e0005413.	1.3	38
313	Deconvolution of bulk blood eQTL effects into immune cell subpopulations. BMC Bioinformatics, 2020, 21, 243.	1.2	38
314	Urban living in healthy Tanzanians is associated with an inflammatory status driven by dietary and metabolic changes. Nature Immunology, 2021, 22, 287-300.	7.0	38
315	Genetic Association Analysis of the Functional c.714T>G Polymorphism and Mucosal Expression of Dectin-1 in Inflammatory Bowel Disease. PLoS ONE, 2009, 4, e7818.	1.1	38
316	<i>Borrelia</i> species induce inflammasome activation and IL-17 production through a caspase-1 dependent mechanism. European Journal of Immunology, 2011, 41, 172-181.	1.6	37
317	Human genetic susceptibility to <i>Candida</i> infections. Medical Mycology, 2012, 50, 785-794.	0.3	37
318	The role of interleukin-1 family members in hyperuricemia and gout. Joint Bone Spine, 2021, 88, 105092.	0.8	37
319	DIFFERENTIAL EFFECTS OF IL-17 PATHWAY IN DISSEMINATED CANDIDIASIS AND ZYMOSAN-INDUCED MULTIPLE ORGAN FAILURE. Shock, 2010, 34, 407-411.	1.0	36
320	Different Patterns of Toll-Like Receptor 2 Polymorphisms in Populations of Various Ethnic and Geographic Origins. Infection and Immunity, 2012, 80, 1917-1922.	1.0	36
321	Cryptococcus gattii Induces a Cytokine Pattern That Is Distinct from Other Cryptococcal Species. PLoS ONE, 2013, 8, e55579.	1.1	36
322	Single-cell RNA sequencing reveals induction of distinct trained-immunity programs in human monocytes. Journal of Clinical Investigation, 2022, 132, .	3.9	36
323	High-resolution multipinhole single-photon emission computed tomography in experimental and human arthritis. Arthritis and Rheumatism, 2006, 54, 1096-1104.	6.7	35
324	Effects of Specific Multi-Nutrient Enriched Diets on Cerebral Metabolism, Cognition and Neuropathology in A $\beta$ PPswe-PS1dE9 Mice. PLoS ONE, 2013, 8, e75393.	1.1	35

#	ARTICLE	IF	CITATIONS
325	Defective trained immunity in patients with STAT-1-dependent chronic mucocutaneous candidiasis. <i>Clinical and Experimental Immunology</i> , 2015, 181, 434-440.	1.1	35
326	Hypothesis: stimulation of trained immunity as adjunctive immunotherapy in cancer. <i>Journal of Leukocyte Biology</i> , 2017, 102, 1323-1332.	1.5	35
327	The Inter-Relationship of Platelets with Interleukin-1 $\beta$ -Mediated Inflammation in Humans. <i>Thrombosis and Haemostasis</i> , 2018, 118, 2112-2125.	1.8	35
328	Interacting, Nonspecific, Immunological Effects of Bacille Calmette-Guérin and Tetanus-diphtheria-pertussis Inactivated Polio Vaccinations: An Explorative, Randomized Trial. <i>Clinical Infectious Diseases</i> , 2020, 70, 455-463.	2.9	35
329	Gut microbiome-mediated metabolism effects on immunity in rural and urban African populations. <i>Nature Communications</i> , 2021, 12, 4845.	5.8	35
330	Role of Interleukin-23 (IL-23) Receptor Signaling for IL-17 Responses in Human Lyme Disease. <i>Infection and Immunity</i> , 2011, 79, 4681-4687.	1.0	34
331	The effect of the ATG16L1 Thr300Ala polymorphism on susceptibility and outcome of patients with epithelial cell-derived thyroid carcinoma. <i>Endocrine-Related Cancer</i> , 2012, 19, L15-L18.	1.6	34
332	The Effect of the Interleukin-1 Cytokine Family Members IL-1 $\beta$ and IL-1 $\delta$ on Adipocyte Differentiation. <i>Obesity</i> , 2010, 18, 2234-2236.	1.5	33
333	Role of Genetic Variants of Autophagy Genes in Susceptibility for Non-Medullary Thyroid Cancer and Patients Outcome. <i>PLoS ONE</i> , 2014, 9, e94086.	1.1	33
334	TLR-3 is Present in Human Adipocytes, but Its Signalling is Not Required for Obesity-Induced Inflammation in Adipose Tissue In Vivo. <i>PLoS ONE</i> , 2015, 10, e0123152.	1.1	33
335	Synovial macrophages promote TGF- $\beta$ signaling and protect against influx of S100A8/S100A9-producing cells after intra-articular injections of oxidized low-density lipoproteins. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 118-127.	0.6	33
336	Oligomeric S100A4 Is Associated With Monocyte Innate Immune Memory and Bypass of Tolerance to Subsequent Stimulation With Lipopolysaccharides. <i>Frontiers in Immunology</i> , 2019, 10, 791.	2.2	33
337	Chronic HIV infection induces transcriptional and functional reprogramming of innate immune cells. <i>JCI Insight</i> , 2021, 6, .	2.3	33
338	A promoter polymorphism in human interleukin-32 modulates its expression and influences the risk and the outcome of epithelial cell-derived thyroid carcinoma. <i>Carcinogenesis</i> , 2013, 34, 1529-1535.	1.3	32
339	mTOR Inhibition Promotes TTF1-Dependent Redifferentiation and Restores Iodine Uptake in Thyroid Carcinoma Cell Lines. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1368-E1375.	1.8	32
340	A combination of interferon-gamma and interleukin-2 production by <i>Coxiella burnetii</i> -stimulated circulating cells discriminates between chronic Q fever and past Q fever. <i>Clinical Microbiology and Infection</i> , 2014, 20, 642-650.	2.8	32
341	Bacillus Calmette-Guérin-Induced Trained Immunity Is Not Protective for Experimental Influenza A/Anhui/1/2013 (H7N9) Infection in Mice. <i>Frontiers in Immunology</i> , 2018, 9, 869.	2.2	32
342	Milder clinical hyperimmunoglobulin E syndrome phenotype is associated with partial interleukin-17 deficiency. <i>Clinical and Experimental Immunology</i> , 2010, 159, 57-64.	1.1	31

#	ARTICLE	IF	CITATIONS
343	High-density lipoprotein cholesterol subfractions HDL2 and HDL3 are reduced in women with rheumatoid arthritis and may augment the cardiovascular risk of women with RA: a cross-sectional study. <i>Arthritis Research and Therapy</i> , 2012, 14, R116.	1.6	31
344	Role of glutathione metabolism in host defense against <i>Borrelia burgdorferi</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2320-E2328.	3.3	31
345	Prevalence of persistent symptoms after treatment for lyme borreliosis: A prospective observational cohort study. <i>Lancet Regional Health - Europe</i> , The, 2021, 6, 100142.	3.0	31
346	The Toll-Like Receptor 4 (TLR4) Variant rs2149356 and Risk of Gout in European and Polynesian Sample Sets. <i>PLoS ONE</i> , 2016, 11, e0147939.	1.1	31
347	Single-cell transcriptomic profiles reveal changes associated with BCG-induced trained immunity and protective effects in circulating monocytes. <i>Cell Reports</i> , 2021, 37, 110028.	2.9	31
348	IL-32 and <i>Streptococcus pyogenes</i> cell wall fragments synergise for IL-1-dependent destructive arthritis via upregulation of TLR-2 and NOD2. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1866-1872.	0.5	30
349	The natural soluble form of IL-18 receptor 1 <sup>2</sup> exacerbates collagen-induced arthritis via modulation of T-cell immune responses. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 276-283.	0.5	30
350	Normal Free Interleukin-18 (IL-18) Plasma Levels in Dengue Virus Infection and the Need To Measure Both Total IL-18 and IL-18 Binding Protein Levels. <i>Vaccine Journal</i> , 2015, 22, 650-655.	3.2	30
351	Systematic genetic analysis of early-onset gout: ABCG2 is the only associated locus. <i>Rheumatology</i> , 2020, 59, 2544-2549.	0.9	30
352	Caspase-1 deficiency in mice reduces intestinal triglyceride absorption and hepatic triglyceride secretion. <i>Journal of Lipid Research</i> , 2013, 54, 448-456.	2.0	29
353	Activation of Proteinase 3 Contributes to Nonalcoholic Fatty Liver Disease and Insulin Resistance. <i>Molecular Medicine</i> , 2016, 22, 202-214.	1.9	29
354	Role of Glutamine Metabolism in Host Defense Against <i>Mycobacterium tuberculosis</i> Infection. <i>Journal of Infectious Diseases</i> , 2019, 219, 1662-1670.	1.9	29
355	Application of a disease-regulated promoter is a safer mode of local IL-4 gene therapy for arthritis. <i>Gene Therapy</i> , 2007, 14, 1632-1638.	2.3	28
356	Modulation of inflammation by autophagy: consequences for Crohn's disease. <i>Current Opinion in Pharmacology</i> , 2012, 12, 497-502.	1.7	28
357	The role of Toll-like receptor 10 in modulation of trained immunity. <i>Immunology</i> , 2020, 159, 289-297.	2.0	28
358	Pleiotropic effect of the ABCG2 gene in gout: involvement in serum urate levels and progression from hyperuricemia to gout. <i>Arthritis Research and Therapy</i> , 2020, 22, 45.	1.6	28
359	Trained immunity as a novel approach against COVID-19 with a focus on <i>Bacillus Calmette-Guérin</i> vaccine: mechanisms, challenges and perspectives. <i>Clinical and Translational Immunology</i> , 2020, 9, e1228.	1.7	28
360	Predictive value of serum calprotectin (S100A8/A9) for clinical response after starting or tapering anti-TNF treatment in patients with rheumatoid arthritis. <i>RMD Open</i> , 2018, 4, e000654.	1.8	28

#	ARTICLE	IF	CITATIONS
361	Limited humoral and cellular responses to Q fever vaccination in older adults with risk factors for chronic Q fever. <i>Journal of Infection</i> , 2013, 67, 565-573.	1.7	27
362	<i>Leishmania (Viannia) braziliensis</i> amastigotes induces the expression of TNF $\alpha$ and IL-10 by human peripheral blood mononuclear cells in vitro in a TLR4-dependent manner. <i>Cytokine</i> , 2016, 88, 184-192.	1.4	27
363	Arterial Wall Inflammation and Increased Hematopoietic Activity in Patients With Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1967-e1980.	1.8	27
364	Systemic administration of $\beta$ -glucan induces immune training in microglia. <i>Journal of Neuroinflammation</i> , 2021, 18, 57.	3.1	27
365	Targeting inflammasomes in rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2013, 9, 391-399.	3.5	26
366	Th2 and Th9 responses in patients with chronic mucocutaneous candidiasis and hyper-IgE syndrome. <i>Clinical and Experimental Allergy</i> , 2016, 46, 1564-1574.	1.4	26
367	Sixteen-Week Physical Activity Intervention in Subjects With Increased Cardiometabolic Risk Shifts Innate Immune Function Towards a Less Proinflammatory State. <i>Journal of the American Heart Association</i> , 2019, 8, e013764.	1.6	26
368	How the COVID-19 pandemic highlights the necessity of animal research. <i>Current Biology</i> , 2020, 30, R1014-R1018.	1.8	26
369	Integration of metabolomics, genomics, and immune phenotypes reveals the causal roles of metabolites in disease. <i>Genome Biology</i> , 2021, 22, 198.	3.8	26
370	Caspase-12 and the Inflammatory Response to <i>Yersinia pestis</i> . <i>PLoS ONE</i> , 2009, 4, e6870.	1.1	26
371	Interleukin-1 $\beta$ activation during acute joint inflammation: A limited role for the NLRP3 inflammasome in vivo. <i>Joint Bone Spine</i> , 2011, 78, 107-110.	0.8	25
372	Interleukin 32 $\beta$ (IL-32 $\beta$ ) is highly expressed in cutaneous and mucosal lesions of American Tegumentary Leishmaniasis patients: association with tumor necrosis factor (TNF) and IL-10. <i>BMC Infectious Diseases</i> , 2014, 14, 249.	1.3	25
373	Inflammasome Inhibition: Putting Out the Fire. <i>Cell Metabolism</i> , 2015, 21, 513-514.	7.2	25
374	Lysine methyltransferase G9a is an important modulator of trained immunity. <i>Clinical and Translational Immunology</i> , 2021, 10, e1253.	1.7	25
375	IL-1 family cytokines as drivers and inhibitors of trained immunity. <i>Cytokine</i> , 2022, 150, 155773.	1.4	25
376	Utility of synovial biopsy. <i>Arthritis Research and Therapy</i> , 2009, 11, 256.	1.6	24
377	Differential susceptibility to lethal endotoxaemia in mice deficient in IL-1 $\alpha$ , IL-1 $\beta$ or IL-1 receptor type I. <i>Apms</i> , 2010, 118, 1000-1007.	0.9	24
378	T cell lessons from the rheumatoid arthritis synovium SCID mouse model: CD3 $\alpha$ -rich synovium lacks response to CTLA-4ig but is successfully treated by interleukin-17 neutralization. <i>Arthritis and Rheumatism</i> , 2012, 64, 1762-1770.	6.7	24

#	ARTICLE	IF	CITATIONS
379	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
380	Hydroxychloroquine Inhibits the Trained Innate Immune Response to Interferons. <i>Cell Reports Medicine</i> , 2020, 1, 100146.	3.3	24
381	An integrative genomics approach identifies novel pathways that influence candidaemia susceptibility. <i>PLoS ONE</i> , 2017, 12, e0180824.	1.1	24
382	Functional consequences of DECTIN-1 early stop codon polymorphism Y238X in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2010, 12, R26.	1.6	23
383	Combined B- and T-cell deficiency does not protect against obesity-induced glucose intolerance and inflammation. <i>Cytokine</i> , 2013, 62, 96-103.	1.4	23
384	Clinical utility of chitotriosidase enzyme activity in nephropathic cystinosis. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 155.	1.2	23
385	The impact of sex hormones on BCG-induced trained immunity. <i>Journal of Leukocyte Biology</i> , 2018, 104, 573-578.	1.5	23
386	Reduced concentrations of the B cell cytokine interleukin 38 are associated with cardiovascular disease risk in overweight subjects. <i>European Journal of Immunology</i> , 2021, 51, 662-671.	1.6	23
387	Circulating Lipoproteins Are a Crucial Component of Host Defense against Invasive <i>Salmonella typhimurium</i> Infection. <i>PLoS ONE</i> , 2009, 4, e4237.	1.1	23
388	Reprogramming of bone marrow myeloid progenitor cells in patients with severe coronary artery disease. <i>ELife</i> , 2020, 9, .	2.8	23
389	ATG16L1 polymorphisms are associated with NOD2-induced hyperinflammation. <i>Autophagy</i> , 2011, 7, 1074-1075.	4.3	22
390	Genetic variation in pattern recognition receptors: functional consequences and susceptibility to infectious disease. <i>Future Microbiology</i> , 2015, 10, 989-1008.	1.0	22
391	Genetic Variation in <i>TLR10</i> , an Inhibitory Toll-Like Receptor, Influences Susceptibility to Complicated Skin and Skin Structure Infections. <i>Journal of Infectious Diseases</i> , 2015, 212, 1491-1499.	1.9	22
392	BCG-Induced Trained Immunity in Healthy Individuals: The Effect of Plasma Muramyl Dipeptide Concentrations. <i>Journal of Immunology Research</i> , 2020, 2020, 1-8.	0.9	22
393	The influence of the gut microbiome on BCG-induced trained immunity. <i>Genome Biology</i> , 2021, 22, 275.	3.8	22
394	An integrative genomics approach identifies KDM4 as a modulator of trained immunity. <i>European Journal of Immunology</i> , 2022, 52, 431-446.	1.6	22
395	Autophagy Modulates <i>Borrelia burgdorferi</i> -induced Production of Interleukin-1 $\beta$ (IL-1 $\beta$ ). <i>Journal of Biological Chemistry</i> , 2013, 288, 8658-8666.	1.6	21
396	Protective host defense against disseminated candidiasis is impaired in mice expressing human interleukin-37. <i>Frontiers in Microbiology</i> , 2015, 5, 762.	1.5	21

#	ARTICLE	IF	CITATIONS
397	Genetic diversity of lactase persistence in East African populations. BMC Research Notes, 2016, 9, 8.	0.6	21
398	Human Alpha-1-Antitrypsin (hAAT) therapy reduces renal dysfunction and acute tubular necrosis in a murine model of bilateral kidney ischemia-reperfusion injury. PLoS ONE, 2017, 12, e0168981.	1.1	21
399	Cytokine signatures in chronic fatigue syndrome patients: a Case Control Study and the effect of anakinra treatment. Journal of Translational Medicine, 2017, 15, 267.	1.8	21
400	Prevalence and associated risk factors for Kaposi's sarcoma among HIV-positive patients in a referral hospital in Northern Tanzania: a retrospective hospital-based study. BMC Cancer, 2018, 18, 1258.	1.1	21
401	Trained Immunity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 55-61.	1.1	21
402	Multi-omics examination of Q fever fatigue syndrome identifies similarities with chronic fatigue syndrome. Journal of Translational Medicine, 2020, 18, 448.	1.8	21
403	The Gut Microbiome Composition Is Altered in Long-standing Type 1 Diabetes and Associates With Glycemic Control and Disease-Related Complications. Diabetes Care, 2022, 45, 2084-2094.	4.3	21
404	Murine Borrelia arthritis is highly dependent on ASC and caspase-1, but independent of NLRP3. Arthritis Research and Therapy, 2012, 14, R247.	1.6	20
405	Destructive role of myeloid differentiation factor 88 and protective role of TRIF in interleukin-17 dependent arthritis in mice. Arthritis and Rheumatism, 2012, 64, 1838-1847.	6.7	20
406	Genetic Variation in Pattern Recognition Receptors and Adaptor Proteins Associated With Development of Chronic Q Fever. Journal of Infectious Diseases, 2015, 212, 818-829.	1.9	20
407	IL-32 promoter SNP rs4786370 predisposes to modified lipoprotein profiles in patients with rheumatoid arthritis. Scientific Reports, 2017, 7, 41629.	1.6	20
408	Induction of Trained Innate Immunity in Human Monocytes by Bovine Milk and Milk-Derived Immunoglobulin G. Nutrients, 2018, 10, 1378.	1.7	20
409	Prevalence and determinants of persistent symptoms after treatment for Lyme borreliosis: study protocol for an observational, prospective cohort study (LymeProspect). BMC Infectious Diseases, 2019, 19, 324.	1.3	20
410	IL-32 and its splice variants are associated with protection against Mycobacterium tuberculosis infection and skewing of Th1/Th17 cytokines. Journal of Leukocyte Biology, 2020, 107, 113-118.	1.5	20
411	Borrelia burgdorferi hijacks cellular metabolism of immune cells: Consequences for host defense. Ticks and Tick-borne Diseases, 2020, 11, 101386.	1.1	20
412	IL-38 prevents induction of trained immunity by inhibition of mTOR signaling. Journal of Leukocyte Biology, 2021, 110, 907-915.	1.5	20
413	A modular approach toward producing nanotherapeutics targeting the innate immune system. Science Advances, 2021, 7, .	4.7	20
414	Tendon degeneration is not mediated by regulation of Toll-like receptors 2 and 4 in human tenocytes. Journal of Orthopaedic Research, 2009, 27, 1043-1047.	1.2	19



#	ARTICLE	IF	CITATIONS
415	Candida albicans Releases Soluble Factors That Potentiate Cytokine Production by Human Cells through a Protease-Activated Receptor 1- and 2-Independent Pathway. Infection and Immunity, 2010, 78, 393-399.	1.0	19
416	The Evolutionary History of TLR4 Polymorphisms in Europe. Journal of Innate Immunity, 2012, 4, 168-175.	1.8	19
417	<i>IRGM</i> gene polymorphisms and risk of gastric cancer. Journal of Digestive Diseases, 2012, 13, 360-365.	0.7	19
418	Novel cardiovascular biomarkers in women with a history of early preeclampsia. Atherosclerosis, 2014, 237, 117-122.	0.4	19
419	The Architecture of Circulating Immune Cells Is Dysregulated in People Living With HIV on Long Term Antiretroviral Treatment and Relates With Markers of the HIV-1 Reservoir, Cytomegalovirus, and Microbial Translocation. Frontiers in Immunology, 2021, 12, 661990.	2.2	19
420	In Vivo Evidence for a Key Role of Il-1 in Cartilage Destruction in Experimental Arthritis. , 1991, 32, 159-163.		19
421	Trained immunity and inflammation in rheumatic diseases. Joint Bone Spine, 2022, 89, 105364.	0.8	19
422	Computational Design and Application of Endogenous Promoters for Transcriptionally Targeted Gene Therapy for Rheumatoid Arthritis. Molecular Therapy, 2009, 17, 1877-1887.	3.7	18
423	Excessive interleukin-1 signaling determines the development of Th1 and Th17 responses in chronic inflammation. Arthritis and Rheumatism, 2010, 62, 320-322.	6.7	18
424	Low Interleukin-17A Production in Response to Fungal Pathogens in Patients with Chronic Granulomatous Disease. Journal of Interferon and Cytokine Research, 2012, 32, 159-168.	0.5	18
425	Reduced levels of cytosolic DNA sensor AIM2 are associated with impaired cytokine responses in healthy elderly. Experimental Gerontology, 2016, 78, 39-46.	1.2	18
426	Master and commander: epigenetic regulation of macrophages. Cell Research, 2016, 26, 145-146.	5.7	18
427	<i>MST1R</i> mutation as a genetic cause of Lady Windermere syndrome. European Respiratory Journal, 2017, 49, 1601478.	3.1	18
428	The role of host immune cells and Borrelia burgdorferi antigens in the etiology of Lyme disease. European Cytokine Network, 2017, 28, 70-84.	1.1	18
429	IL-32 <sup>3</sup> promotes the healing of murine cutaneous lesions caused by Leishmania braziliensis infection in contrast to Leishmania amazonensis. Parasites and Vectors, 2017, 10, 336.	1.0	18
430	Interleukin-32 upregulates the expression of ABCA1 and ABCG1 resulting in reduced intracellular lipid concentrations in primary human hepatocytes. Atherosclerosis, 2018, 271, 193-202.	0.4	18
431	Non-specific effects of BCG in protozoal infections: tegumentary leishmaniasis and malaria. Clinical Microbiology and Infection, 2019, 25, 1479-1483.	2.8	18
432	Increased sTREM-1 plasma concentrations are associated with poor clinical outcomes in patients with COVID-19. Bioscience Reports, 2021, 41, .	1.1	18

#	ARTICLE	IF	CITATIONS
433	Urate-induced epigenetic modifications in myeloid cells. <i>Arthritis Research and Therapy</i> , 2021, 23, 202.	1.6	18
434	MAP3K8 (TPL2/COT) Affects Obesity-Induced Adipose Tissue Inflammation without Systemic Effects in Humans and in Mice. <i>PLoS ONE</i> , 2014, 9, e89615.	1.1	18
435	Local interleukin-12 gene transfer promotes conversion of an acute arthritis to a chronic destructive arthritis. <i>Arthritis and Rheumatism</i> , 2002, 46, 1379-1389.	6.7	17
436	Role of autophagy genetic variants for the risk of <i>Candida</i> infections. <i>Medical Mycology</i> , 2014, 52, 333-341.	0.3	17
437	Early cytokine and antibody responses against <i>Coxiella burnetii</i> in aerosol infection of BALB/c mice. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015, 81, 234-239.	0.8	17
438	Adaptation and memory in innate immunity. <i>Seminars in Immunology</i> , 2016, 28, 317-318.	2.7	17
439	The NLRP1-IL18 Connection: A Stab in the Back of Obesity-Induced Inflammation. <i>Cell Metabolism</i> , 2016, 23, 6-7.	7.2	17
440	The NOD2 receptor is crucial for immune responses towards New World <i>Leishmania</i> species. <i>Scientific Reports</i> , 2017, 7, 15219.	1.6	17
441	The involvement of Toll-like receptor 9 in the pathogenesis of erosive autoimmune arthritis. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4399-4409.	1.6	17
442	A possible role for mitochondrial-derived peptides humanin and MOTS-c in patients with Q fever fatigue syndrome and chronic fatigue syndrome. <i>Journal of Translational Medicine</i> , 2019, 17, 157.	1.8	17
443	A Genome-Wide Functional Genomics Approach Identifies Susceptibility Pathways to Fungal Bloodstream Infection in Humans. <i>Journal of Infectious Diseases</i> , 2019, 220, 862-872.	1.9	17
444	An observational study of innate immune responses in patients with acute appendicitis. <i>Scientific Reports</i> , 2020, 10, 17352.	1.6	17
445	The molecular signature of oxidative metabolism and the mode of macrophage activation determine the shift from acute to chronic disease in experimental arthritis: Critical role of interleukin-12p40. <i>Arthritis and Rheumatism</i> , 2008, 58, 3471-3484.	6.7	16
446	Cytokine production from stimulated whole blood cultures in rheumatoid arthritis patients treated with various TNF blocking agents. <i>European Cytokine Network</i> , 2009, 20, 88-93.	1.1	16
447	New tools to tackle inflammatory arthritis. <i>Nature Reviews Rheumatology</i> , 2016, 12, 78-80.	3.5	16
448	Differential effects of BCG vaccine on immune responses induced by vi polysaccharide typhoid fever vaccination: an explorative randomized trial. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 1177-1184.	1.3	16
449	Human recombinant interleukin-38 suppresses inflammation in mouse models of local and systemic disease. <i>Cytokine</i> , 2021, 137, 155334.	1.4	16
450	Seasonal and Nonseasonal Longitudinal Variation of Immune Function. <i>Journal of Immunology</i> , 2021, 207, 696-708.	0.4	16

#	ARTICLE	IF	CITATIONS
451	Exposure to <i>Candida albicans</i> Polarizes a T-Cell Driven Arthritis Model towards Th17 Responses, Resulting in a More Destructive Arthritis. <i>PLoS ONE</i> , 2012, 7, e38889.	1.1	15
452	The Association of TSH and Thyroid Hormones With Lymphopenia in Bacterial Sepsis and COVID-19. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1994-2009.	1.8	15
453	Neuraminidase and SIGLEC15 modulate the host defense against pulmonary aspergillosis. <i>Cell Reports Medicine</i> , 2021, 2, 100289.	3.3	15
454	Evolution of cytokine production capacity in ancient and modern European populations. <i>ELife</i> , 2021, 10, .	2.8	15
455	Interleukin-38 in Health and Disease. <i>Cytokine</i> , 2022, 152, 155824.	1.4	15
456	<i>Neisseria meningitidis</i> lipid A mutant LPSs function as LPS antagonists in humans by inhibiting TLR 4-dependent cytokine production. <i>Innate Immunity</i> , 2011, 17, 517-525.	1.1	14
457	<i>Borrelia</i> - induced cytokine production is mediated by spleen tyrosine kinase (Syk) but is Dectin-1 and Dectin-2 independent. <i>Cytokine</i> , 2015, 76, 465-472.	1.4	14
458	Toll-like receptor $\lambda$ 2 induced cytotoxic T-lymphocyte-associated protein $\lambda$ 4 regulates <i>Aspergillus</i> -induced regulatory T-cells with pro-inflammatory characteristics. <i>Scientific Reports</i> , 2017, 7, 11500.	1.6	14
459	Human Interleukin-32 $\beta$ Plays a Protective Role in an Experimental Model of Visceral Leishmaniasis in Mice. <i>Infection and Immunity</i> , 2018, 86, .	1.0	14
460	Leukocyte-Released Mediators in Response to Both Bacterial and Fungal Infections Trigger IFN Pathways, Independent of IL-1 and TNF- $\alpha$ , in Endothelial Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2508.	2.2	14
461	Immune modulatory effects of progesterone on oxLDL-induced trained immunity in monocytes. <i>Journal of Leukocyte Biology</i> , 2022, 112, 279-288.	1.5	14
462	The gut microbiome as mediator between diet and its impact on immune function. <i>Scientific Reports</i> , 2022, 12, 5149.	1.6	14
463	Von Willebrand factor activation, granzyme-B and thrombocytopenia in meningococcal disease. <i>Journal of Thrombosis and Haemostasis</i> , 2010, 8, 1098-106.	1.9	13
464	Modulation of Toll-like receptor ligands and <i>Candida albicans</i> -induced cytokine responses by specific probiotics. <i>Cytokine</i> , 2012, 59, 159-165.	1.4	13
465	Role of NOD1 polymorphism in susceptibility and clinical progression of rheumatoid arthritis. <i>Rheumatology</i> , 2013, 52, 806-814.	0.9	13
466	CRELD1 modulates homeostasis of the immune system in mice and humans. <i>Nature Immunology</i> , 2020, 21, 1517-1527.	7.0	13
467	An Explorative Study on Monocyte Reprogramming in the Context of Periodontitis In Vitro and In Vivo. <i>Frontiers in Immunology</i> , 2021, 12, 695227.	2.2	13
468	The Effect of Phenotype and Genotype on the Plasma Proteome in Patients with Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 414-429.	0.6	13

#	ARTICLE	IF	CITATIONS
469	A NOD for autophagy. <i>Nature Medicine</i> , 2010, 16, 28-30.	15.2	12
470	High variability of TLR4 gene in different ethnic groups in Iran. <i>Innate Immunity</i> , 2012, 18, 492-502.	1.1	12
471	Rare NOX3 Variants Confer Susceptibility to Agranulocytosis During Thyrostatic Treatment of Graves' Disease. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 102, 1017-1024.	2.3	12
472	High-Mobility Group Nucleosome-Binding Protein 1 as Endogenous Ligand Induces Innate Immune Tolerance in a TLR4-Sirtuin-1 Dependent Manner in Human Blood Peripheral Mononuclear Cells. <i>Frontiers in Immunology</i> , 2018, 9, 526.	2.2	12
473	Thyrotrophin and thyroxine support immune homeostasis in humans. <i>Immunology</i> , 2021, 163, 155-168.	2.0	12
474	The Janus face of Bartonella quintana recognition by Toll-like receptors (TLRs): a review. <i>European Cytokine Network</i> , 2008, 19, 113-8.	1.1	12
475	The functional variant (Asp299gly) of toll-like receptor 4 (TLR4) influences TLR4-mediated cytokine production in rheumatoid arthritis. <i>Journal of Rheumatology</i> , 2008, 35, 558-61.	1.0	12
476	Histochemical analysis of insulin-like growth factor-1 binding sites in mouse normal and experimentally induced arthritic articular cartilage. <i>The Histochemical Journal</i> , 1996, 28, 13-23.	0.6	11
477	Increased voluntary exercise in mice deficient for tumour necrosis factor- $\alpha$ and lymphotoxin- $\beta$ . <i>European Journal of Clinical Investigation</i> , 2007, 37, 737-741.	1.7	11
478	Coxiella burnetii isolates originating from infected cattle induce a more pronounced proinflammatory cytokine response compared to isolates from infected goats and sheep. <i>Pathogens and Disease</i> , 2017, 75, .	0.8	11
479	Tissue Metabolic Changes Drive Cytokine Responses to Mycobacterium tuberculosis. <i>Journal of Infectious Diseases</i> , 2018, 218, 165-170.	1.9	11
480	HDAC inhibitors modulate innate immune responses to micro-organisms relevant to chronic mucocutaneous candidiasis. <i>Clinical and Experimental Immunology</i> , 2018, 194, 205-219.	1.1	11
481	IL-15 enhances the capacity of primary human macrophages to control Leishmania braziliensis infection by IL-32/vitamin D dependent and independent pathways. <i>Parasitology International</i> , 2020, 76, 102097.	0.6	11
482	Understanding the increased risk of infections in diabetes: innate and adaptive immune responses in type 1 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2021, 121, 154795.	1.5	11
483	IL-38 Gene Deletion Worsens Murine Colitis. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	11
484	Influence of endogenous pro-inflammatory cytokines on neutrophil-mediated damage of Candida albicans pseudohyphae, quantified in a modified tetrazolium dye assay. <i>Medical Mycology</i> , 2005, 43, 551-557.	0.3	10
485	Chocolate consumption modulates cytokine production in healthy individuals. <i>Cytokine</i> , 2013, 62, 40-43.	1.4	10
486	Autophagy suppresses host adaptive immune responses toward <i>Borrelia burgdorferi</i> . <i>Journal of Leukocyte Biology</i> , 2016, 100, 589-598.	1.5	10

#	ARTICLE	IF	CITATIONS
487	Interleukin-32: An endogenous danger signal or master regulator of intracellular pathogen infectionsâ€™Focus on leishmaniases. <i>Seminars in Immunology</i> , 2018, 38, 15-23.	2.7	10
488	Genetic variant in IL-32 is associated with the ex vivo cytokine production of anti-TNF treated PBMCs from rheumatoid arthritis patients. <i>Scientific Reports</i> , 2018, 8, 14050.	1.6	10
489	A joint effort: The interplay between the innate and the adaptive immune system in Lyme arthritis. <i>Immunological Reviews</i> , 2020, 294, 63-79.	2.8	10
490	<i>B. burgdorferi</i> sensu lato-induced inhibition of antigen presentation is mediated by RIP1 signaling resulting in impaired functional T cell responses towards <i>Candida albicans</i> . <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101611.	1.1	10
491	Oncogene-induced maladaptive activation of trained immunity in the pathogenesis and treatment of Erdheim-Chester disease. <i>Blood</i> , 2021, 138, 1554-1569.	0.6	10
492	Trained Immunity as a Preventive Measure for Surgical Site Infections. <i>Clinical Microbiology Reviews</i> , 2021, 34, e0004921.	5.7	10
493	The role of IL-32 in <i>Bacillus Calmette-GuÃ©rin</i> (BCG)-induced trained immunity in infections caused by different <i>Leishmania</i> spp.. <i>Microbial Pathogenesis</i> , 2021, 158, 105088.	1.3	10
494	Multi-Omics Integration Reveals Only Minor Long-Term Molecular and Functional Sequelae in Immune Cells of Individuals Recovered From COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 838132.	2.2	10
495	Association of NF-Î²B polymorphisms with clinical outcome of non-medullary thyroid carcinoma. <i>Endocrine-Related Cancer</i> , 2017, 24, 307-318.	1.6	9
496	Cytokine profiles in patients with Q fever fatigue syndrome. <i>Journal of Infection</i> , 2019, 78, 349-357.	1.7	9
497	Interplay between thyroid cancer cells and macrophages: effects on IL-32 mediated cell death and thyroid cancer cell migration. <i>Cellular Oncology (Dordrecht)</i> , 2019, 42, 691-703.	2.1	9
498	The role of sirtuin 1 on the induction of trained immunity. <i>Cellular Immunology</i> , 2021, 366, 104393.	1.4	9
499	The Immunological Factors Predisposing to Severe Covid-19 Are Already Present in Healthy Elderly and Men. <i>Frontiers in Immunology</i> , 2021, 12, 720090.	2.2	9
500	Reply to: â€˜Lack of evidence for intergenerational inheritance of immune resistance to infectionsâ€™. <i>Nature Immunology</i> , 2022, 23, 208-209.	7.0	9
501	Activation of Host-NLRP3 Inflammasome in Myeloid Cells Dictates Response to Anti-PD-1 Therapy in Metastatic Breast Cancers. <i>Pharmaceuticals</i> , 2022, 15, 574.	1.7	9
502	Innate immune cells in the pathophysiology of calcific aortic valve disease: lessons to be learned from atherosclerotic cardiovascular disease?. <i>Basic Research in Cardiology</i> , 2022, 117, 28.	2.5	9
503	A role for TLR1, TLR2 and NOD2 in cytokine induction by <i>Bacteroides fragilis</i> . <i>Cytokine</i> , 2012, 60, 861-869.	1.4	8
504	Trained innate immunity as a mechanistic link between sepsis and atherosclerosis. <i>Critical Care</i> , 2014, 18, 645.	2.5	8

#	ARTICLE	IF	CITATIONS
505	New gout test: enhanced ex vivo cytokine production from PBMCs in common gout patients and a gout patient with Kearns-Sayre syndrome. <i>Clinical Rheumatology</i> , 2014, 33, 1341-1346.	1.0	8
506	Genetic variation in TLR10 is not associated with chronic Q fever, despite the inhibitory effect of TLR10 on <i>Coxiella burnetii</i> -induced cytokines in vitro. <i>Cytokine</i> , 2016, 77, 196-202.	1.4	8
507	CXCL9, a promising biomarker in the diagnosis of chronic Q fever. <i>BMC Infectious Diseases</i> , 2017, 17, 556.	1.3	8
508	Interferon- $\beta$ and CXCL10 responses related to complaints in patients with Q fever fatigue syndrome. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 1385-1391.	1.3	8
509	Vasculometabolic and Inflammatory Effects of Aldosterone in Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2719-2731.	1.8	8
510	Genetic variation in Interleukin-32 influence the immune response against New World Leishmania species and susceptibility to American Tegumentary Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008029.	1.3	8
511	Pro-inflammatory Monocyte Phenotype During Acute Progression of Cerebral Small Vessel Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 639361.	1.1	8
512	The neuromuscular and multisystem features of RYR1-related malignant hyperthermia and rhabdomyolysis. <i>Medicine (United States)</i> , 2021, 100, e26999.	0.4	8
513	LPS-Stimulated Whole Blood Cytokine Production Is Not Related to Disease Behavior in Patients with Quiescent Crohn's Disease. <i>PLoS ONE</i> , 2015, 10, e0133932.	1.1	8
514	<i>Borrelia burgdorferi</i> Is a Poor Inducer of Gamma Interferon: Amplification Induced by Interleukin-12. <i>Infection and Immunity</i> , 2022, 90, iai0055821.	1.0	8
515	A prospective observational cohort study to identify inflammatory biomarkers for the diagnosis and prognosis of patients with sepsis. <i>Journal of Intensive Care</i> , 2022, 10, 13.	1.3	8
516	Differential recognition and cytokine induction by the peptidoglycan from <i>Sporothrix brasiliensis</i> and <i>S. Schenckii</i> . <i>Cellular Immunology</i> , 2022, 378, 104555.	1.4	8
517	Role of PMN in early cartilage destruction. <i>Agents and Actions</i> , 1991, 32, 94-95.	0.7	7
518	Variation in Genes of $\beta$ -glucan Recognition Pathway and Susceptibility to Opportunistic Infections in HIV-Positive Patients. <i>Immunological Investigations</i> , 2011, 40, 735-750.	1.0	7
519	Immunogenicity of the Q fever skin test. <i>Journal of Infection</i> , 2014, 69, 161-164.	1.7	7
520	Cytokine inhibition in chronic fatigue syndrome patients: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 439.	0.7	7
521	Differential In Vitro Cytokine Induction by the Species of <i>Cryptococcus gattii</i> Complex. <i>Infection and Immunity</i> , 2018, 86, .	1.0	7
522	A role for TLR10 in obesity and adipose tissue morphology. <i>Cytokine</i> , 2018, 108, 205-212.	1.4	7

#	ARTICLE	IF	CITATIONS
523	Viable <i>Coxiella burnetii</i> Induces Differential Cytokine Responses in Chronic Q Fever Patients Compared to Heat-Killed <i>Coxiella burnetii</i> . <i>Infection and Immunity</i> , 2018, 86, .	1.0	7
524	&lt;p&gt;Acute Cytokine Response During Breast Cancer Surgery: Potential Role of Dexamethasone and Lidocaine and Relationship with Postoperative Pain and Complications â€“ Analysis of Three Pooled Pilot Randomized Controlled Trials&lt;p&gt;. <i>Journal of Pain Research</i> , 2020, Volume 13, 1243-1254.	0.8	7
525	oxLDL-Induced Trained Immunity Is Dependent on Mitochondrial Metabolic Reprogramming. <i>Immunometabolism</i> , 2021, 3, e210025.	6.0	7
526	Relation Between Plasma Proteomics Analysis and Major Adverse Cardiovascular Events in Patients With Stable Coronary Artery Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 731325.	1.1	7
527	A functional genomics approach in Tanzanian population identifies distinct genetic regulators of cytokine production compared to European population. <i>American Journal of Human Genetics</i> , 2022, 109, 471-485.	2.6	7
528	Quantitation of the changes in vascularity during arthritis in the knee joint of a mouse with a digital image analysis system. <i>The Anatomical Record</i> , 2001, 262, 420-428.	2.3	6
529	IL-1 in chronic arthritis, lessons from animal models. <i>Drug Discovery Today Disease Mechanisms</i> , 2006, 3, 169-175.	0.8	6
530	Interleukinâ€1 receptorâ€4 associated kinase 4 links innate immunity to the pathogenesis of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2009, 60, 1571-1574.	6.7	6
531	Polymorphism in innate immunity genes and susceptibility to recurrent vulvovaginal candidiasis. <i>Journal De Mycologie Medicale</i> , 2009, 19, 191-196.	0.7	6
532	Resveratrol attenuates NF-ÎB-binding activity but not cytokine production in mechanically ventilated mice. <i>Acta Anaesthesiologica Scandinavica</i> , 2014, 58, 487-494.	0.7	6
533	Transgenic mice expressing human IL-32 develop adipokine profiles resembling those of obesity-induced metabolic changes. <i>Cytokine</i> , 2020, 125, 154793.	1.4	6
534	Deadly COVID-19 among the elderly: Innate immune memory helping those most in need. <i>Med</i> , 2021, 2, 378-383.	2.2	6
535	Genetic Variation in PFKFB3 Impairs Antifungal Immunometabolic Responses and Predisposes to Invasive Pulmonary Aspergillosis. <i>MBio</i> , 2021, 12, e0036921.	1.8	6
536	Inflammatory Protein Profiles in Plasma of Candidaemia Patients and the Contribution of Host Genetics to Their Variability. <i>Frontiers in Immunology</i> , 2021, 12, 662171.	2.2	6
537	Kallikrein augments the anticoagulant function of the protein C system in thrombin generation. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 48-57.	1.9	6
538	Profiling Serum Antibodies Against Muscle Antigens in Facioscapulohumeral Muscular Dystrophy Finds No Disease-Specific Autoantibodies. <i>Journal of Neuromuscular Diseases</i> , 2021, 8, 801-814.	1.1	6
539	Mechanisms of Cartilage Destruction in Joint Inflammation. , 1993, 39, 49-60.		6
540	Differences in thrombin and plasmin generation potential between East African and Western European adults: The role of genetic and nonâ€genetic factors. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1089-1105.	1.9	6

#	ARTICLE	IF	CITATIONS
541	IL-1 <sup>β</sup> processing in mechanical ventilation-induced inflammation is dependent on neutrophil factors rather than caspase-1. <i>Intensive Care Medicine Experimental</i> , 2013, 1, 27.	0.9	5
542	Cytokine Production Assays Reveal Discriminatory Immune Defects in Adults with Recurrent Infections and Noninfectious Inflammation. <i>Vaccine Journal</i> , 2014, 21, 1061-1069.	3.2	5
543	Long-Lasting Transcriptional Changes in Circulating Monocytes of Acute Q Fever Patients. <i>Open Forum Infectious Diseases</i> , 2019, 6, .	0.4	5
544	Limited impact of impaired awareness of hypoglycaemia and severe hypoglycaemia on the inflammatory profile of people with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 2427-2436.	2.2	5
545	Impact of rare and common genetic variation in the interleukin-1 pathway on human cytokine responses. <i>Genome Medicine</i> , 2021, 13, 94.	3.6	5
546	Toll-like receptor 10 controls TLR2-induced cytokine production in monocytes from patients with Parkinson's disease. <i>Journal of Neuroscience Research</i> , 2021, 99, 2511-2524.	1.3	5
547	Development of Interleukin-1 Receptor Antagonist Mutants with Enhanced Antagonistic Activity<i>In Vitro</i> and Improved Therapeutic Efficacy in Collagen-Induced Arthritis. <i>Journal of Immunotoxicology</i> , 2008, 5, 189-199.	0.9	4
548	The effects of in vivo B-cell depleting therapy on ex-vivo cytokine production. <i>Transplant Immunology</i> , 2013, 28, 183-188.	0.6	4
549	Platelet Integrin $\alpha$ IIb $\beta$ 3 Activation is Associated with 25-Hydroxyvitamin D Concentrations in Healthy Adults. <i>Thrombosis and Haemostasis</i> , 2020, 120, 768-775.	1.8	4
550	An integrative model of cardiometabolic traits identifies two types of metabolic syndrome. <i>ELife</i> , 2021, 10, .	2.8	4
551	No Signs of Neuroinflammation in Women With Chronic Fatigue Syndrome or Q Fever Fatigue Syndrome Using the TSPO Ligand [ <sup>11</sup> C]-PK11195. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2022, 9, .	3.1	4
552	Interleukin-32 <sup>β</sup> in the Control of Acute Experimental Chagas Disease. <i>Journal of Immunology Research</i> , 2022, 2022, 1-9.	0.9	4
553	<i>Borrelia burgdorferi</i> inhibits NADPH-mediated reactive oxygen species production through the mTOR pathway. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101943.	1.1	4
554	The Genetic Risk for COVID-19 Severity Is Associated With Defective Immune Responses. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	4
555	Assessment of Inflammasome Activation in Primary Human Immune Cells. <i>Methods in Molecular Biology</i> , 2013, 1040, 29-39.	0.4	3
556	Immune activation by medium-chain triglyceride-containing lipid emulsions is not modulated by n-3 lipids or toll-like receptor 4. <i>Toxicology in Vitro</i> , 2015, 29, 1851-1858.	1.1	3
557	Exploring the Role of IL-32 in HIV-Related Kaposi Sarcoma. <i>American Journal of Pathology</i> , 2018, 188, 196-203.	1.9	3
558	Identification of Discriminating Metabolic Pathways and Metabolites in Human PBMCs Stimulated by Various Pathogenic Agents. <i>Frontiers in Physiology</i> , 2018, 9, 139.	1.3	3



#	ARTICLE	IF	CITATIONS
559	Immunotherapeutic Potential of Interleukin-32 and Trained Immunity for Leishmaniasis Treatment. <i>Trends in Parasitology</i> , 2021, 37, 130-141.	1.5	3
560	Conceptualization of population-specific human functional immune-genomics projects to identify factors that contribute to variability in immune and infectious diseases. <i>Heliyon</i> , 2021, 7, e06755.	1.4	3
561	<i>Paracoccidioides brasiliensis</i> induces IL-32 and is controlled by IL-15/IL-32/vitamin D pathway in vitro. <i>Microbial Pathogenesis</i> , 2021, 154, 104864.	1.3	3
562	Untargeted Plasma Metabolomics and Gut Microbiome Profiling Provide Novel Insights into the Regulation of Platelet Reactivity in Healthy Individuals. <i>Thrombosis and Haemostasis</i> , 2022, 122, 529-539.	1.8	3
563	Altered Ex-Vivo Cytokine Responses in Children With Asymptomatic <i>Plasmodium falciparum</i> Infection in Burkina Faso: An Additional Argument to Treat Asymptomatic Malaria?. <i>Frontiers in Immunology</i> , 2021, 12, 614817.	2.2	3
564	Protective immune response mediated by neutrophils in experimental visceral leishmaniasis is enhanced by IL-32 $\beta$ . <i>Cellular Immunology</i> , 2022, 371, 104449.	1.4	3
565	<i>Borrelia burgdorferi</i> is strong inducer of IFN- $\beta$ production by human primary NK cells. <i>Cytokine</i> , 2022, 155, 155895.	1.4	3
566	Trained Immunity in Primary Sjögren's Syndrome: Linking Type I Interferons to a Pro-Atherogenic Phenotype. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
567	Experimental allergic arthritis in mice: Effects of local enzyme therapy with native and cationic derivatives. <i>Agents and Actions</i> , 1986, 17, 350-351.	0.7	2
568	TLRs of Our Fathers. <i>Immunity</i> , 2016, 44, 218-220.	6.6	2
569	Microbial Impact on Plasma Metabolites is Linked to the Cardiovascular Risk and Phenotypes. <i>Atherosclerosis Supplements</i> , 2018, 32, 118-119.	1.2	2
570	A possible link between recurrent upper respiratory tract infections and lower cytokine production in patients with Q fever fatigue syndrome. <i>European Journal of Immunology</i> , 2019, 49, 1015-1022.	1.6	2
571	Evolutionary Trajectories of Complex Traits in European Populations of Modern Humans. <i>Frontiers in Genetics</i> , 2022, 13, 833190.	1.1	2
572	Intracellular Alarmins: Hidden dangers signals crucial for cancer, host defense and inflammatory processes. <i>Seminars in Immunology</i> , 2018, 38, 1-2.	2.7	1
573	Murine collagen induced arthritis. , 2006, , 35-63.		1
574	Predictive value of ex-vivo drug-inhibited cytokine production for clinical response to biologic DMARD therapy in rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2019, 37, 367-372.	0.4	1
575	High LDL-C levels attenuate onset of inflammation and cartilage destruction in antigen-induced arthritis. <i>Clinical and Experimental Rheumatology</i> , 2019, 37, 983-993.	0.4	1
576	Concerns about the external validity of the study "prevalence of persistent symptoms after treatment for Lyme borreliosis: A prospective observational cohort study" -authors' reply. <i>Lancet Regional Health - Europe</i> , The, 2022, 15, 100344.	3.0	1

#	ARTICLE	IF	CITATIONS
577	NOD2 engagement induces proinflammatory cytokine production, but not apoptosis, in leukocytes isolated from patients with Crohn's disease. <i>European Cytokine Network</i> , 2008, 19, 185-9.	1.1	1
578	Genetic determinants of fungi-induced ROS production are associated with the risk of invasive pulmonary aspergillosis. <i>Redox Biology</i> , 2022, 55, 102391.	3.9	1
579	Caspase-1, but not ASC or NLRP3 inflammasome components, mediates IL-1beta activation and antifungal defense in disseminated candidiasis. <i>Cytokine</i> , 2009, 48, 120.	1.4	0
580	PS2-102. Cross-tolerance and priming between C-type lectin receptors and TLRs. <i>Cytokine</i> , 2011, 56, 92-93.	1.4	0
581	Increased IL-22 expression by synovial Th17 cells during late stages of arthritis is controlled by IL-1 and enhances bone degradation. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A51-A52.	0.5	0
582	PS2 - 9. Effect of B- and T-cell deficiency on obesity-induced inflammation and insulin resistance. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011, 9, 96-96.	0.0	0
583	PS21 - 102. IL-37 protects against obesity-induced inflammation and insulin resistance in mice. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2012, 10, 171-171.	0.0	0
584	Increased innate immune responses by interleukin-22 contributes to the inflammatory process in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A11.2-A12.	0.5	0
585	PS1 - 1. TLR-3 is highly expressed in human adipocytes, but deficiency of TLR3 does not protect against obesity-induced inflammation and insulin resistance in mice. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2013, 11, 133-133.	0.0	0
586	Oxidized phospholipids on lipoprotein(a) induce epigenetic reprogramming and an increased pro-atherogenic response in human monocytes. <i>Atherosclerosis</i> , 2017, 263, e28.	0.4	0
587	Innate immune activation is associated with progression of cerebral small vessel disease. <i>Atherosclerosis</i> , 2018, 275, e37-e38.	0.4	0
588	Persistent monocyte activation in patients with elevated LDL cholesterol levels during statin treatment. <i>Atherosclerosis</i> , 2018, 275, e2-e3.	0.4	0
589	Trained immunity by oxidized low-density lipoprotein is defined by reprogramming of glycolytic metabolism in human monocytes. <i>Atherosclerosis</i> , 2018, 275, e5-e6.	0.4	0
590	THU0010â€¦...THE ANTI-INFLAMMATORY CYTOKINE INTERLEUKIN 37 IS AN ENDOGENOUS INHIBITOR OF TRAINED IMMUNITY. , 2019, , .		0
591	OP0221â€¦...OLIGOMERIC S100A4 INDUCES MONOCYTE INNATE IMMUNE MEMORY. , 2019, , .		0
592	A limited role of cytokine storm and fibrogenesis in COVID-19 related liver injury. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2021, 30, 166-168.	0.5	0
593	Role of IL-1 in erosive arthritis, lessons from animal models. , 2009, , 59-74.		0
594	Abstract 19220: Hepatic Steatosis is Independently Associated With an Increased Vascular Stiffness in Overweight Subjects. <i>Circulation</i> , 2015, 132, .	1.6	0

#	ARTICLE	IF	CITATIONS
595	SP0036â€¦Free fatty acids: good or bad in rheumatology?. , 2018, , .		0
596	Plasma proteins as a predictor of chronological age in people living with HIV: a cross-sectional study. The Lancet Healthy Longevity, 2022, 3, S7.	2.0	0
597	The impact of pre-existing thyroid diseases on susceptibility to respiratory infections or self-reported sickness during the SARS-CoV-2 pandemic. Archives of Endocrinology and Metabolism, 2022, , .	0.3	0