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	Untargeted Plasma Metabolomics and Gut Microbiome Profiling Provide Novel Insights into the Regulation of Platelet Reactivity in Healthy Individuals. Thrombosis and Haemostasis, 2022, 122, 529-539.	1.8	3
2	Kallikrein augments the anticoagulant function of the protein C system in thrombin generation. Journal of Thrombosis and Haemostasis, 2022, 20, 48-57.	1.9	6
3	The Effect of Phenotype and Genotype on the Plasma Proteome in Patients with Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2022, 16, 414-429.	0.6	13
4	Protective immune response mediated by neutrophils in experimental visceral leishmaniasis is enhanced by IL-32Î³. Cellular Immunology, 2022, 371, 104449.	1.4	3
5	IL-1 family cytokines as drivers and inhibitors of trained immunity. Cytokine, 2022, 150, 155773.	1.4	25
6	An integrative genomics approach identifies KDM4 as a modulator of trained immunity. European Journal of Immunology, 2022, 52, 431-446.	1.6	22
7	No Signs of Neuroinflammation in Women With Chronic Fatigue Syndrome or Q Fever Fatigue Syndrome Using the TSPO Ligand [¹¹ C]-PK11195. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	3.1	4
8	Interleukin-32Î³ in the Control of Acute Experimental Chagas Disease. Journal of Immunology Research, 2022, 2022, 1-9.	0.9	4
9	Immune modulatory effects of progesterone on oxLDL-induced trained immunity in monocytes. Journal of Leukocyte Biology, 2022, 112, 279-288.	1.5	14
10	Reply to: â€˜Lack of evidence for intergenerational inheritance of immune resistance to infectionsâ€™. Nature Immunology, 2022, 23, 208-209.	7.0	9
11	Differences in thrombin and plasmin generation potential between East African and Western European adults: The role of genetic and nonâ€genetic factors. Journal of Thrombosis and Haemostasis, 2022, 20, 1089-1105.	1.9	6
12	Single-cell RNA sequencing reveals induction of distinct trained-immunity programs in human monocytes. Journal of Clinical Investigation, 2022, 132, .	3.9	36
13	Relation Between Plasma Proteomics Analysis and Major Adverse Cardiovascular Events in Patients With Stable Coronary Artery Disease. Frontiers in Cardiovascular Medicine, 2022, 9, 731325.	1.1	7
14	Borrelia burgdorferi Is a Poor Inducer of Gamma Interferon: Amplification Induced by Interleukin-12. Infection and Immunity, 2022, 90, iai0055821.	1.0	8
15	A functional genomics approach in Tanzanian population identifies distinct genetic regulators of cytokine production compared to European population. American Journal of Human Genetics, 2022, 109, 471-485.	2.6	7
16	Evolutionary Trajectories of Complex Traits in European Populations of Modern Humans. Frontiers in Genetics, 2022, 13, 833190.	1.1	2
17	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
18	The gut microbiome as mediator between diet and its impact on immune function. Scientific Reports, 2022, 12, 5149.	1.6	14

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19	A prospective observational cohort study to identify inflammatory biomarkers for the diagnosis and prognosis of patients with sepsis. Journal of Intensive Care, 2022, 10, 13.	1.3	8
20	Multi-Omics Integration Reveals Only Minor Long-Term Molecular and Functional Sequelae in Immune Cells of Individuals Recovered From COVID-19. Frontiers in Immunology, 2022, 13, 838132.	2.2	10
21	Interleukin-38 in Health and Disease. Cytokine, 2022, 152, 155824.	1.4	15
22	Concerns about the external validity of the study â€˜prevalence of persistent symptoms after treatment for Lyme borreliosis: A prospective observational cohort studyâ€™-authorsÂ´ reply. Lancet Regional Health - Europe, The, 2022, 15, 100344.	3.0	1
23	Trained immunity and inflammation in rheumatic diseases. Joint Bone Spine, 2022, 89, 105364.	0.8	19
24	Borrelia burgdorferi inhibits NADPH-mediated reactive oxygen species production through the mTOR pathway. Ticks and Tick-borne Diseases, 2022, 13, 101943.	1.1	4
25	The Genetic Risk for COVID-19 Severity Is Associated With Defective Immune Responses. Frontiers in Immunology, 2022, 13, .	2.2	4
26	Activation of Host-NLRP3 Inflammasome in Myeloid Cells Dictates Response to Anti-PD-1 Therapy in Metastatic Breast Cancers. Pharmaceuticals, 2022, 15, 574.	1.7	9
27	Borrelia burgdorferi is strong inducer of IFN-Î³ production by human primary NK cells. Cytokine, 2022, 155, 155895.	1.4	3
28	Innate immune cells in the pathophysiology of calcific aortic valve disease: lessons to be learned from atherosclerotic cardiovascular disease?. Basic Research in Cardiology, 2022, 117, 28.	2.5	9
29	IL-38 Gene Deletion Worsens Murine Colitis. Frontiers in Immunology, 2022, 13, .	2.2	11
30	Differential recognition and cytokine induction by the peptidorhamnomannan from Sporothrix brasiliensis and S. Schenckii. Cellular Immunology, 2022, 378, 104555.	1.4	8
31	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
32	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
33	Genetic determinants of fungi-induced ROS production are associated with the risk of invasive pulmonary aspergillosis. Redox Biology, 2022, 55, 102391.	3.9	1
34	Trained Immunity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 55-61.	1.1	21
35	Immunotherapeutic Potential of Interleukin-32 and Trained Immunity for Leishmaniasis Treatment. Trends in Parasitology, 2021, 37, 130-141.	1.5	3
36	Complement Activation in the Disease Course of Coronavirus Disease 2019 and Its Effects on Clinical Outcomes. Journal of Infectious Diseases, 2021, 223, 214-224.	1.9	86

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37	The Intersection of Epigenetics and Metabolism in Trained Immunity. Immunity, 2021, 54, 32-43.	6.6	134
38	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. Nature Immunology, 2021, 22, 2-6.	7.0	274
39	Reduced concentrations of the B cell cytokine interleukin 38 are associated with cardiovascular disease risk in overweight subjects. European Journal of Immunology, 2021, 51, 662-671.	1.6	23
40	The role of interleukin-1 family members in hyperuricemia and gout. Joint Bone Spine, 2021, 88, 105092.	0.8	37
41	Human recombinant interleukin-38 suppresses inflammation in mouse models of local and systemic disease. Cytokine, 2021, 137, 155334.	1.4	16
42	An integrative model of cardiometabolic traits identifies two types of metabolic syndrome. ELife, 2021, 10, .	2.8	4
43	IL-38 prevents induction of trained immunity by inhibition of mTOR signaling. Journal of Leukocyte Biology, 2021, 110, 907-915.	1.5	20
44	Thyrotrophin and thyroxine support immune homeostasis in humans. Immunology, 2021, 163, 155-168.	2.0	12
45	Systemic administration of Î²-glucan induces immune training in microglia. Journal of Neuroinflammation, 2021, 18, 57.	3.1	27
46	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
47	Dysregulated Innate and Adaptive Immune Responses Discriminate Disease Severity in COVID-19. Journal of Infectious Diseases, 2021, 223, 1322-1333.	1.9	61
48	A modular approach toward producing nanotherapeutics targeting the innate immune system. Science Advances, 2021, 7, .	4.7	20
49	Targeting tumor-derived NLRP3 reduces melanoma progression by limiting MDSCs expansion. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	95
50	A limited role of cytokine storm and fibrogenesis in COVID-19 related liver injury. Journal of Gastrointestinal and Liver Diseases, 2021, 30, 166-168.	0.5	0
51	The Association of TSH and Thyroid Hormones With Lymphopenia in Bacterial Sepsis and COVID-19. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1994-2009.	1.8	15
52	Prosaposin mediates inflammation in atherosclerosis. Science Translational Medicine, 2021, 13, .	5.8	42
53	InÂvitro induction of trained immunity in adherent human monocytes. STAR Protocols, 2021, 2, 100365.	0.5	42
54	B. burgdorferi sensu lato-induced inhibition of antigen presentation is mediated by RIP1 signaling resulting in impaired functional T cell responses towards Candida albicans. Ticks and Tick-borne Diseases, 2021, 12, 101611.	1.1	10

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55	Chronic HIV infection induces transcriptional and functional reprogramming of innate immune cells. JCI Insight, 2021, 6, .	2.3	33
56	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
57	Trained Immunity: Reprogramming Innate Immunity in Health and Disease. Annual Review of Immunology, 2021, 39, 667-693.	9.5	146
58	Conceptualization of population-specific human functional immune-genomics projects to identify factors that contribute to variability in immune and infectious diseases. Heliyon, 2021, 7, e06755.	1.4	3
59	Deadly COVID-19 among the elderly: Innate immune memory helping those most in need. Med, 2021, 2, 378-383.	2.2	6
60	The anti-inflammatory cytokine interleukin-37 is an inhibitor of trained immunity. Cell Reports, 2021, 35, 108955.	2.9	40
61	Neuraminidase and SIGLEC15 modulate the host defense against pulmonary aspergillosis. Cell Reports Medicine, 2021, 2, 100289.	3.3	15
62	Impact of rare and common genetic variation in the interleukin-1 pathway on human cytokine responses. Genome Medicine, 2021, 13, 94.	3.6	5
63	Genetic Variation in PFKFB3 Impairs Antifungal Immunometabolic Responses and Predisposes to Invasive Pulmonary Aspergillosis. MBio, 2021, 12, e0036921.	1.8	6
64	Paracoccidioides brasiliensis induces IL-32 and is controlled by IL-15/IL-32/vitamin D pathway in vitro. Microbial Pathogenesis, 2021, 154, 104864.	1.3	3
65	Pro-inflammatory Monocyte Phenotype During Acute Progression of Cerebral Small Vessel Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 639361.	1.1	8
66	Oncogene-induced maladaptive activation of trained immunity in the pathogenesis and treatment of Erdheim-Chester disease. Blood, 2021, 138, 1554-1569.	0.6	10
67	Altered Ex-Vivo Cytokine Responses in Children With Asymptomatic Plasmodium falciparum Infection in Burkina Faso: An Additional Argument to Treat Asymptomatic Malaria?. Frontiers in Immunology, 2021, 12, 614817.	2.2	3
68	Increased sTREM-1 plasma concentrations are associated with poor clinical outcomes in patients with COVID-19. Bioscience Reports, 2021, 41, .	1.1	18
69	Prevalence of persistent symptoms after treatment for lyme borreliosis: A prospective observational cohort study. Lancet Regional Health - Europe, The, 2021, 6, 100142.	3.0	31
70	Urate-induced epigenetic modifications in myeloid cells. Arthritis Research and Therapy, 2021, 23, 202.	1.6	18
71	Integration of metabolomics, genomics, and immune phenotypes reveals the causal roles of metabolites in disease. Genome Biology, 2021, 22, 198.	3.8	26
72	Tollâ€like receptor 10 controls TLR2â€induced cytokine production in monocytes from patients with Parkinson's disease. Journal of Neuroscience Research, 2021, 99, 2511-2524.	1.3	5

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73	Seasonal and Nonseasonal Longitudinal Variation of Immune Function. Journal of Immunology, 2021, 207, 696-708.	0.4	16
74	An Explorative Study on Monocyte Reprogramming in the Context of Periodontitis In Vitro and In Vivo. Frontiers in Immunology, 2021, 12, 695227.	2.2	13
75	Gut microbiome-mediated metabolism effects on immunity in rural and urban African populations. Nature Communications, 2021, 12, 4845.	5.8	35
76	Inflammatory Protein Profiles in Plasma of Candidaemia Patients and the Contribution of Host Genetics to Their Variability. Frontiers in Immunology, 2021, 12, 662171.	2.2	6
77	Tumor NLRP3-Derived IL-1Î² Drives the IL-6/STAT3 Axis Resulting in Sustained MDSC-Mediated Immunosuppression. Frontiers in Immunology, 2021, 12, 661323.	2.2	44
78	The neuromuscular and multisystem features of RYR1-related malignant hyperthermia and rhabdomyolysis. Medicine (United States), 2021, 100, e26999.	0.4	8
79	The role of sirtuin 1 on the induction of trained immunity. Cellular Immunology, 2021, 366, 104393.	1.4	9
80	The Immunological Factors Predisposing to Severe Covid-19 Are Already Present in Healthy Elderly and Men. Frontiers in Immunology, 2021, 12, 720090.	2.2	9
81	Understanding the increased risk of infections in diabetes: innate and adaptive immune responses in type 1 diabetes. Metabolism: Clinical and Experimental, 2021, 121, 154795.	1.5	11
82	Trained Immunity as a Preventive Measure for Surgical Site Infections. Clinical Microbiology Reviews, 2021, 34, e0004921.	5.7	10
83	Evolution of cytokine production capacity in ancient and modern European populations. ELife, 2021, 10, .	2.8	15
84	The role of IL-32 in Bacillus Calmette-GuÃ©rin (BCG)-induced trained immunity in infections caused by different Leishmania spp.. Microbial Pathogenesis, 2021, 158, 105088.	1.3	10
85	The influence of the gut microbiome on BCG-induced trained immunity. Genome Biology, 2021, 22, 275.	3.8	22
86	Profiling Serum Antibodies Against Muscle Antigens in Facioscapulohumeral Muscular Dystrophy Finds No Disease-Specific Autoantibodies. Journal of Neuromuscular Diseases, 2021, 8, 801-814.	1.1	6
87	Lysine methyltransferase G9a is an important modulator of trained immunity. Clinical and Translational Immunology, 2021, 10, e1253.	1.7	25
88	Trained innate immunity, long-lasting epigenetic modulation, and skewed myelopoiesis by heme. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	40
89	Transmission of trained immunity and heterologous resistance to infections across generations. Nature Immunology, 2021, 22, 1382-1390.	7.0	72
90	oxLDL-Induced Trained Immunity Is Dependent on Mitochondrial Metabolic Reprogramming. Immunometabolism, 2021, 3, e210025.	6.0	7

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91	Characterization of gut microbial structural variations as determinants of human bile acid metabolism. Cell Host and Microbe, 2021, 29, 1802-1814.e5.	5.1	43
92	Single-cell transcriptomic profiles reveal changes associated with BCG-induced trained immunity and protective effects in circulating monocytes. Cell Reports, 2021, 37, 110028.	2.9	31
93	Aldosterone induces trained immunity: the role of fatty acid synthesis. Cardiovascular Research, 2020, 116, 317-328.	1.8	49
94	Interacting, Nonspecific, Immunological Effects of Bacille Calmette-GuÃ©rin and Tetanus-diphtheria-pertussis Inactivated Polio Vaccinations: An Explorative, Randomized Trial. Clinical Infectious Diseases, 2020, 70, 455-463.	2.9	35
95	Transgenic mice expressing human IL-32 develop adipokine profiles resembling those of obesity-induced metabolic changes. Cytokine, 2020, 125, 154793.	1.4	6
96	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
97	The role of Tollâ€like receptor 10 in modulation of trained immunity. Immunology, 2020, 159, 289-297.	2.0	28
98	Urateâ€induced immune programming: Consequences for gouty arthritis and hyperuricemia. Immunological Reviews, 2020, 294, 92-105.	2.8	121
99	Asymptomatic hyperuricaemia: a silent activator of the innate immune system. Nature Reviews Rheumatology, 2020, 16, 75-86.	3.5	150
100	Arterial Wall Inflammation and Increased Hematopoietic Activity in Patients With Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e1967-e1980.	1.8	27
101	Genetic and Microbial Associations to Plasma and Fecal Bile Acids in Obesity Relate to Plasma Lipids and Liver Fat Content. Cell Reports, 2020, 33, 108212.	2.9	55
102	Increased Plasma Heparanase Activity in COVID-19 Patients. Frontiers in Immunology, 2020, 11, 575047.	2.2	98
103	Dapansutrile, an oral selective NLRP3 inflammasome inhibitor, for treatment of gout flares: an open-label, dose-adaptive, proof-of-concept, phase 2a trial. Lancet Rheumatology, The, 2020, 2, e270-e280.	2.2	130
104	Safety and COVID-19 Symptoms in Individuals Recently Vaccinated with BCG: a Retrospective Cohort Study. Cell Reports Medicine, 2020, 1, 100073.	3.3	78
105	Trained immunity as a molecular mechanism for BCG immunotherapy in bladder cancer. Nature Reviews Urology, 2020, 17, 513-525.	1.9	94
106	BCG Vaccination Induces Long-Term Functional Reprogramming of Human Neutrophils. Cell Reports, 2020, 33, 108387.	2.9	152
107	Hydroxychloroquine Inhibits the Trained Innate Immune Response to Interferons. Cell Reports Medicine, 2020, 1, 100146.	3.3	24
108	Multi-omics examination of Q fever fatigue syndrome identifies similarities with chronic fatigue syndrome. Journal of Translational Medicine, 2020, 18, 448.	1.8	21

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109	Gut microbial co-abundance networks show specificity in inflammatory bowel disease and obesity. Nature Communications, 2020, 11, 4018.	5.8	80
110	How the COVID-19 pandemic highlights the necessity of animal research. Current Biology, 2020, 30, R1014-R1018.	1.8	26
111	Presence of Genetic Variants Among Young Men With Severe COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 663.	3.8	626
112	An observational study of innate immune responses in patients with acute appendicitis. Scientific Reports, 2020, 10, 17352.	1.6	17
113	Trained Immunity-Promoting Nanobiologic Therapy Suppresses Tumor Growth and Potentiates Checkpoint Inhibition. Cell, 2020, 183, 786-801.e19.	13.5	101
114	Limited impact of impaired awareness of hypoglycaemia and severe hypoglycaemia on the inflammatory profile of people with type 1 diabetes. Diabetes, Obesity and Metabolism, 2020, 22, 2427-2436.	2.2	5
115	CRELD1 modulates homeostasis of the immune system in mice and humans. Nature Immunology, 2020, 21, 1517-1527.	7.0	13
116	Phagosomal removal of fungal melanin reprograms macrophage metabolism to promote antifungal immunity. Nature Communications, 2020, 11, 2282.	5.8	68
117	Sex-Specific Regulation of Inflammation and Metabolic Syndrome in Obesity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1787-1800.	1.1	77
118	Vasculometabolic and Inflammatory Effects of Aldosterone in Obesity. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2719-2731.	1.8	8
119	Deconvolution of bulk blood eQTL effects into immune cell subpopulations. BMC Bioinformatics, 2020, 21, 243.	1.2	38
120	BCG Vaccination in Humans Elicits Trained Immunity via the Hematopoietic Progenitor Compartment. Cell Host and Microbe, 2020, 28, 322-334.e5.	5.1	269
121	Platelet Integrin Î±IIbÎ²3 Activation is Associated with 25-Hydroxyvitamin D Concentrations in Healthy Adults. Thrombosis and Haemostasis, 2020, 120, 768-775.	1.8	4
122	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 . Journal of Pain Research, 2020, Volume 13, 1243-1254.	0.8	7
123	Rare genetic variants in interleukin-37 link this anti-inflammatory cytokine to the pathogenesis and treatment of gout. Annals of the Rheumatic Diseases, 2020, 79, 536-544.	0.5	44
124	Pleiotropic effect of the ABCG2 gene in gout: involvement in serum urate levels and progression from hyperuricemia to gout. Arthritis Research and Therapy, 2020, 22, 45.	1.6	28
125	Defining trained immunity and its role in health and disease. Nature Reviews Immunology, 2020, 20, 375-388.	10.6	1,345
126	BCG-Induced Trained Immunity in Healthy Individuals: The Effect of Plasma Muramyl Dipeptide Concentrations. Journal of Immunology Research, 2020, 2020, 1-8.	0.9	22

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127	Borrelia burgdorferi hijacks cellular metabolism of immune cells: Consequences for host defense. Ticks and Tick-borne Diseases, 2020, 11, 101386.	1.1	20
128	IL-15 enhances the capacity of primary human macrophages to control Leishmania braziliensis infection by IL-32/vitamin D dependent and independent pathways. Parasitology International, 2020, 76, 102097.	0.6	11
129	A joint effort: The interplay between the innate and the adaptive immune system in Lyme arthritis. Immunological Reviews, 2020, 294, 63-79.	2.8	10
130	Advances in understanding molecular regulation of innate immune memory. Current Opinion in Cell Biology, 2020, 63, 68-75.	2.6	51
131	Mice Deficient in the IL-1Î² Activation Genes Prtn3, Elane, and Casp1 Are Protected Against the Development of Obesity-Induced NAFLD. Inflammation, 2020, 43, 1054-1064.	1.7	40
132	Systematic genetic analysis of early-onset gout: ABCG2 is the only associated locus. Rheumatology, 2020, 59, 2544-2549.	0.9	30
133	Genetic variationÂin Interleukin-32Âinfluence the immune responseÂagainst New World Leishmania species and susceptibility to American Tegumentary Leishmaniasis. PLoS Neglected Tropical Diseases, 2020, 14, e0008029.	1.3	8
134	Rewiring of glucose metabolism defines trained immunity induced by oxidized low-density lipoprotein. Journal of Molecular Medicine, 2020, 98, 819-831.	1.7	59
135	Differential effects of BCG vaccine on immune responses induced by vi polysaccharide typhoid fever vaccination: an explorative randomized trial. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 1177-1184.	1.3	16
136	The Set7 Lysine Methyltransferase Regulates Plasticity in Oxidative Phosphorylation Necessary for Trained Immunity Induced by Î²-Glucan. Cell Reports, 2020, 31, 107548.	2.9	76
137	Catecholamines Induce Trained Immunity in Monocytes In Vitro and In Vivo. Circulation Research, 2020, 127, 269-283.	2.0	76
138	Trained immunity as a novel approach against COVIDâ€19 with a focus on Bacillus Calmetteâ€“GuÃ©rin vaccine: mechanisms, challenges and perspectives. Clinical and Translational Immunology, 2020, 9, e1228.	1.7	28
139	Circadian rhythm influences induction of trained immunity by BCG vaccination. Journal of Clinical Investigation, 2020, 130, 5603-5617.	3.9	95
140	BCG vaccination in humans inhibits systemic inflammation in a sex-dependent manner. Journal of Clinical Investigation, 2020, 130, 5591-5602.	3.9	96
141	Reprogramming of bone marrow myeloid progenitor cells in patients with severe coronary artery disease. ELife, 2020, 9, .	2.8	23
142	Long-Lasting Transcriptional Changes in Circulating Monocytes of Acute Q Fever Patients. Open Forum Infectious Diseases, 2019, 6, .	0.4	5
143	Non-specific effects of BCG in protozoal infections: tegumentary leishmaniasis and malaria. Clinical Microbiology and Infection, 2019, 25, 1479-1483.	2.8	18
144	Predicting bacterial infection outcomes using single cell RNA-sequencing analysis of human immune cells. Nature Communications, 2019, 10, 3266.	5.8	62

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145	SixteenâEWeek Physical Activity Intervention in Subjects With Increased Cardiometabolic Risk Shifts Innate Immune Function Towards a Less Proinflammatory State. Journal of the American Heart Association, 2019, 8, e013764.	1.6	26
146	Leukocyte-Released Mediators in Response to Both Bacterial and Fungal Infections Trigger IFN Pathways, Independent of IL-1 and TNF-Î±, in Endothelial Cells. Frontiers in Immunology, 2019, 10, 2508.	2.2	14
147	Î²-Glucan-Induced Trained Immunity Protects against Leishmania braziliensis Infection: a Crucial Role for IL-32. Cell Reports, 2019, 28, 2659-2672.e6.	2.9	102
148	Gout, Hyperuricaemia and Crystal-Associated Disease Network (G-CAN) consensus statement regarding labels and definitions of disease states of gout. Annals of the Rheumatic Diseases, 2019, 78, 1592-1600.	0.5	72
149	Effects of oral butyrate supplementation on inflammatory potential of circulating peripheral blood mononuclear cells in healthy and obese males. Scientific Reports, 2019, 9, 775.	1.6	87
150	Cytokine profiles in patients with Q fever fatigue syndrome. Journal of Infection, 2019, 78, 349-357.	1.7	9
151	Interplay between thyroid cancer cells and macrophages: effects on IL-32 mediated cell death and thyroid cancer cell migration. Cellular Oncology (Dordrecht), 2019, 42, 691-703.	2.1	9
152	Treatment with Statins Does Not Revert Trained Immunity in Patients with Familial Hypercholesterolemia. Cell Metabolism, 2019, 30, 1-2.	7.2	130
153	Oligomeric S100A4 Is Associated With Monocyte Innate Immune Memory and Bypass of Tolerance to Subsequent Stimulation With Lipopolysaccharides. Frontiers in Immunology, 2019, 10, 791.	2.2	33
154	Immunometabolism orchestrates training of innate immunity in atherosclerosis. Cardiovascular Research, 2019, 115, 1416-1424.	1.8	44
155	A possible role for mitochondrial-derived peptides humanin and MOTS-c in patients with Q fever fatigue syndrome and chronic fatigue syndrome. Journal of Translational Medicine, 2019, 17, 157.	1.8	17
156	A possible link between recurrent upper respiratory tract infections and lower cytokine production in patients with Q fever fatigue syndrome. European Journal of Immunology, 2019, 49, 1015-1022.	1.6	2
157	Increased proteinase 3 and neutrophil elastase plasma concentrations are associated with non-alcoholic fatty liver disease (NAFLD) and type 2 diabetes. Molecular Medicine, 2019, 25, 16.	1.9	44
158	A Genome-Wide Functional Genomics Approach Identifies Susceptibility Pathways to Fungal Bloodstream Infection in Humans. Journal of Infectious Diseases, 2019, 220, 862-872.	1.9	17
159	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
160	Antibody neutralization of microbiota-derived circulating peptidoglycan dampens inflammation and ameliorates autoimmunity. Nature Microbiology, 2019, 4, 766-773.	5.9	72
161	Therapeutic targeting of trained immunity. Nature Reviews Drug Discovery, 2019, 18, 553-566.	21.5	287
162	Gut Microbial Associations to Plasma Metabolites Linked to Cardiovascular Phenotypes and Risk. Circulation Research, 2019, 124, 1808-1820.	2.0	137

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163	Causal relationships among the gut microbiome, short-chain fatty acids and metabolic diseases. Nature Genetics, 2019, 51, 600-605.	9.4	854
164	THU0010â€...THE ANTI-INFLAMMATORY CYTOKINE INTERLEUKIN 37 IS AN ENDOGENOUS INHIBITOR OF TRAINED IMMUNITY. , 2019, , .		0
165	OP0221â€...OLIGOMERIC S100A4 INDUCES MONOCYTE INNATE IMMUNE MEMORY. , 2019, , .		0
166	Gout. Nature Reviews Disease Primers, 2019, 5, 69.	18.1	326
167	Induction of innate immune memory: the role of cellular metabolism. Current Opinion in Immunology, 2019, 56, 10-16.	2.4	109
168	Role of Glutamine Metabolism in Host Defense Against Mycobacterium tuberculosis Infection. Journal of Infectious Diseases, 2019, 219, 1662-1670.	1.9	29
169	DEL-1 promotes macrophage efferocytosis and clearance of inflammation. Nature Immunology, 2019, 20, 40-49.	7.0	182
170	Innate and Adaptive Immune Memory: an Evolutionary Continuum in the Hostâ€™s Response to Pathogens. Cell Host and Microbe, 2019, 25, 13-26.	5.1	341
171	The Itaconate Pathway Is a Central Regulatory Node Linking Innate Immune Tolerance and Trained Immunity. Cell Metabolism, 2019, 29, 211-220.e5.	7.2	232
172	Predictive value of ex-vivo drug-inhibited cytokine production for clinical response to biologic DMARD therapy in rheumatoid arthritis. Clinical and Experimental Rheumatology, 2019, 37, 367-372.	0.4	1
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