

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

735

120
h-index

1091

232
g-index

639
all docs

639
docs citations

639
times ranked

71095
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. <i>Thrombosis and Haemostasis</i> , 2022, 122, 529-539.	3.4	3
2	Kallikrein augments the anticoagulant function of the protein C system in thrombin generation. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 48-57.	3.8	6
3	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.	1.3	13
4	Protective immune response mediated by neutrophils in experimental visceral leishmaniasis is enhanced by IL-32 β . <i>Cellular Immunology</i> , 2022, 371, 104449.	3.0	3
5	IL-1 family cytokines as drivers and inhibitors of trained immunity. <i>Cytokine</i> , 2022, 150, 155773.	3.2	25
6	An integrative genomics approach identifies KDM4 as a modulator of trained immunity. <i>European Journal of Immunology</i> , 2022, 52, 431-446.	2.9	22
7	No Signs of Neuroinflammation in Women With Chronic Fatigue Syndrome or Q Fever Fatigue Syndrome Using the TSPO Ligand [¹¹ C]-PK11195. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2022, 9, .	6.0	4
8	Interleukin-32 β in the Control of Acute Experimental Chagas Disease. <i>Journal of Immunology Research</i> , 2022, 2022, 1-9.	2.2	4
9	Immune modulatory effects of progesterone on oxLDL-induced trained immunity in monocytes. <i>Journal of Leukocyte Biology</i> , 2022, 112, 279-288.	3.3	14
10	Reply to: "Lack of evidence for intergenerational inheritance of immune resistance to infections". <i>Nature Immunology</i> , 2022, 23, 208-209.	14.5	9
11	Differences in thrombin and plasmin generation potential between East African and Western European adults: The role of genetic and non-genetic factors. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1089-1105.	3.8	6
12	Single-cell RNA sequencing reveals induction of distinct trained-immunity programs in human monocytes. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	36
13	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.	2.4	7
14	<i>Borrelia burgdorferi</i> Is a Poor Inducer of Gamma Interferon: Amplification Induced by Interleukin-12. <i>Infection and Immunity</i> , 2022, 90, iai0055821.	2.2	8
15	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.	6.2	7
16	Evolutionary Trajectories of Complex Traits in European Populations of Modern Humans. <i>Frontiers in Genetics</i> , 2022, 13, 833190.	2.3	2
17	Plasma proteins as a predictor of chronological age in people living with HIV: a cross-sectional study. <i>The Lancet Healthy Longevity</i> , 2022, 3, S7.	4.6	0
18	The gut microbiome as mediator between diet and its impact on immune function. <i>Scientific Reports</i> , 2022, 12, 5149.	3.3	14

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19	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.	2.9	8
20	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.	4.8	10
21	Interleukin-38 in Health and Disease. <i>Cytokine</i> , 2022, 152, 155824.	3.2	15
22	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.	5.6	1
23	Trained immunity and inflammation in rheumatic diseases. <i>Joint Bone Spine</i> , 2022, 89, 105364.	1.6	19
24	<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.	2.7	4
25	The Genetic Risk for COVID-19 Severity Is Associated With Defective Immune Responses. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	4
26	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.	3.8	9
27	<i>Borrelia burgdorferi</i> is strong inducer of IFN- γ production by human primary NK cells. <i>Cytokine</i> , 2022, 155, 155895.	3.2	3
28	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.	5.9	9
29	IL-38 Gene Deletion Worsens Murine Colitis. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	11
30	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.	3.0	8
31	The impact of pre-existing thyroid diseases on susceptibility to respiratory infections or self-reported sickness during the SARS-CoV-2 pandemic. <i>Archives of Endocrinology and Metabolism</i> , 2022, , .	0.6	0
32	The Gut Microbiome Composition Is Altered in Long-standing Type 1 Diabetes and Associates With Glycemic Control and Disease-Related Complications. <i>Diabetes Care</i> , 2022, 45, 2084-2094.	8.6	21
33	Genetic determinants of fungi-induced ROS production are associated with the risk of invasive pulmonary aspergillosis. <i>Redox Biology</i> , 2022, 55, 102391.	9.0	1
34	Trained Immunity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 55-61.	2.4	21
35	Immunotherapeutic Potential of Interleukin-32 and Trained Immunity for Leishmaniasis Treatment. <i>Trends in Parasitology</i> , 2021, 37, 130-141.	3.3	3
36	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.	4.0	86

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37	The Intersection of Epigenetics and Metabolism in Trained Immunity. <i>Immunity</i> , 2021, 54, 32-43.	14.3	134
38	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021, 22, 2-6.	14.5	274
39	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.	2.9	23
40	The role of interleukin-1 family members in hyperuricemia and gout. <i>Joint Bone Spine</i> , 2021, 88, 105092.	1.6	37
41	Human recombinant interleukin-38 suppresses inflammation in mouse models of local and systemic disease. <i>Cytokine</i> , 2021, 137, 155334.	3.2	16
42	An integrative model of cardiometabolic traits identifies two types of metabolic syndrome. <i>ELife</i> , 2021, 10, .	6.0	4
43	IL-38 prevents induction of trained immunity by inhibition of mTOR signaling. <i>Journal of Leukocyte Biology</i> , 2021, 110, 907-915.	3.3	20
44	Thyrotrophin and thyroxine support immune homeostasis in humans. <i>Immunology</i> , 2021, 163, 155-168.	4.4	12
45	Systemic administration of β -glucan induces immune training in microglia. <i>Journal of Neuroinflammation</i> , 2021, 18, 57.	7.2	27
46	Urban living in healthy Tanzanians is associated with an inflammatory status driven by dietary and metabolic changes. <i>Nature Immunology</i> , 2021, 22, 287-300.	14.5	38
47	Dysregulated Innate and Adaptive Immune Responses Discriminate Disease Severity in COVID-19. <i>Journal of Infectious Diseases</i> , 2021, 223, 1322-1333.	4.0	61
48	A modular approach toward producing nanotherapeutics targeting the innate immune system. <i>Science Advances</i> , 2021, 7, .	10.3	20
49	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, .	7.1	95
50	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.	0.9	0
51	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.	3.6	15
52	Prosaposin mediates inflammation in atherosclerosis. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	42
53	In vitro induction of trained immunity in adherent human monocytes. <i>STAR Protocols</i> , 2021, 2, 100365.	1.2	42
54	<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.	2.7	10

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55	Chronic HIV infection induces transcriptional and functional reprogramming of innate immune cells. <i>JCI Insight</i> , 2021, 6, .	5.0	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. <i>Frontiers in Immunology</i> , 2021, 12, 661990.	4.8	19
57	Trained Immunity: Reprogramming Innate Immunity in Health and Disease. <i>Annual Review of Immunology</i> , 2021, 39, 667-693.	21.8	146
58	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.	3.2	3
59	Deadly COVID-19 among the elderly: Innate immune memory helping those most in need. <i>Med</i> , 2021, 2, 378-383.	4.4	6
60	The anti-inflammatory cytokine interleukin-37 is an inhibitor of trained immunity. <i>Cell Reports</i> , 2021, 35, 108955.	6.4	40
61	Neuraminidase and SIGLEC15 modulate the host defense against pulmonary aspergillosis. <i>Cell Reports Medicine</i> , 2021, 2, 100289.	6.5	15
62	Impact of rare and common genetic variation in the interleukin-1 pathway on human cytokine responses. <i>Genome Medicine</i> , 2021, 13, 94.	8.2	5
63	Genetic Variation in PFKFB3 Impairs Antifungal Immunometabolic Responses and Predisposes to Invasive Pulmonary Aspergillosis. <i>MBio</i> , 2021, 12, e0036921.	4.1	6
64	<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.	2.9	3
65	Pro-inflammatory Monocyte Phenotype During Acute Progression of Cerebral Small Vessel Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 639361.	2.4	8
66	Oncogene-induced maladaptive activation of trained immunity in the pathogenesis and treatment of Erdheim-Chester disease. <i>Blood</i> , 2021, 138, 1554-1569.	1.4	10
67	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.	4.8	3
68	Increased sTREM-1 plasma concentrations are associated with poor clinical outcomes in patients with COVID-19. <i>Bioscience Reports</i> , 2021, 41, .	2.4	18
69	Prevalence of persistent symptoms after treatment for lyme borreliosis: A prospective observational cohort study. <i>Lancet Regional Health - Europe</i> , The, 2021, 6, 100142.	5.6	31
70	Urate-induced epigenetic modifications in myeloid cells. <i>Arthritis Research and Therapy</i> , 2021, 23, 202.	3.5	18
71	Integration of metabolomics, genomics, and immune phenotypes reveals the causal roles of metabolites in disease. <i>Genome Biology</i> , 2021, 22, 198.	8.8	26
72	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.	2.9	5

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73	Seasonal and Nonseasonal Longitudinal Variation of Immune Function. <i>Journal of Immunology</i> , 2021, 207, 696-708.	0.8	16
74	An Explorative Study on Monocyte Reprogramming in the Context of Periodontitis In Vitro and In Vivo. <i>Frontiers in Immunology</i> , 2021, 12, 695227.	4.8	13
75	Gut microbiome-mediated metabolism effects on immunity in rural and urban African populations. <i>Nature Communications</i> , 2021, 12, 4845.	12.8	35
76	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.	4.8	6
77	Tumor NLRP3-Derived IL-1 β Drives the IL-6/STAT3 Axis Resulting in Sustained MDSC-Mediated Immunosuppression. <i>Frontiers in Immunology</i> , 2021, 12, 661323.	4.8	44
78	The neuromuscular and multisystem features of RYR1-related malignant hyperthermia and rhabdomyolysis. <i>Medicine (United States)</i> , 2021, 100, e26999.	1.0	8
79	The role of sirtuin 1 on the induction of trained immunity. <i>Cellular Immunology</i> , 2021, 366, 104393.	3.0	9
80	The Immunological Factors Predisposing to Severe Covid-19 Are Already Present in Healthy Elderly and Men. <i>Frontiers in Immunology</i> , 2021, 12, 720090.	4.8	9
81	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.	3.4	11
82	Trained Immunity as a Preventive Measure for Surgical Site Infections. <i>Clinical Microbiology Reviews</i> , 2021, 34, e0004921.	13.6	10
83	Evolution of cytokine production capacity in ancient and modern European populations. <i>ELife</i> , 2021, 10, .	6.0	15
84	The role of IL-32 in <i>Bacillus Calmette-Guérin</i> (BCG)-induced trained immunity in infections caused by different <i>Leishmania</i> spp.. <i>Microbial Pathogenesis</i> , 2021, 158, 105088.	2.9	10
85	The influence of the gut microbiome on BCG-induced trained immunity. <i>Genome Biology</i> , 2021, 22, 275.	8.8	22
86	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.	2.6	6
87	Lysine methyltransferase G9a is an important modulator of trained immunity. <i>Clinical and Translational Immunology</i> , 2021, 10, e1253.	3.8	25
88	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, .	7.1	40
89	Transmission of trained immunity and heterologous resistance to infections across generations. <i>Nature Immunology</i> , 2021, 22, 1382-1390.	14.5	72
90	oxLDL-Induced Trained Immunity Is Dependent on Mitochondrial Metabolic Reprogramming. <i>Immunometabolism</i> , 2021, 3, e210025.	6.0	7

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91	Characterization of gut microbial structural variations as determinants of human bile acid metabolism. <i>Cell Host and Microbe</i> , 2021, 29, 1802-1814.e5.	11.0	43
92	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.	6.4	31
93	Aldosterone induces trained immunity: the role of fatty acid synthesis. <i>Cardiovascular Research</i> , 2020, 116, 317-328.	3.8	49
94	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.	5.8	35
95	Transgenic mice expressing human IL-32 develop adipokine profiles resembling those of obesity-induced metabolic changes. <i>Cytokine</i> , 2020, 125, 154793.	3.2	6
96	IL-32 and its splice variants are associated with protection against <i>Mycobacterium tuberculosis</i> infection and skewing of Th1/Th17 cytokines. <i>Journal of Leukocyte Biology</i> , 2020, 107, 113-118.	3.3	20
97	The role of Toll-like receptor 10 in modulation of trained immunity. <i>Immunology</i> , 2020, 159, 289-297.	4.4	28
98	Urate-induced immune programming: Consequences for gouty arthritis and hyperuricemia. <i>Immunological Reviews</i> , 2020, 294, 92-105.	6.0	121
99	Asymptomatic hyperuricaemia: a silent activator of the innate immune system. <i>Nature Reviews Rheumatology</i> , 2020, 16, 75-86.	8.0	150
100	Arterial Wall Inflammation and Increased Hematopoietic Activity in Patients With Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1967-e1980.	3.6	27
101	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.	6.4	55
102	Increased Plasma Heparanase Activity in COVID-19 Patients. <i>Frontiers in Immunology</i> , 2020, 11, 575047.	4.8	98
103	Dapansutril, 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.	3.9	130
104	Safety and COVID-19 Symptoms in Individuals Recently Vaccinated with BCG: a Retrospective Cohort Study. <i>Cell Reports Medicine</i> , 2020, 1, 100073.	6.5	78
105	Trained immunity as a molecular mechanism for BCG immunotherapy in bladder cancer. <i>Nature Reviews Urology</i> , 2020, 17, 513-525.	3.8	94
106	BCG Vaccination Induces Long-Term Functional Reprogramming of Human Neutrophils. <i>Cell Reports</i> , 2020, 33, 108387.	6.4	152
107	Hydroxychloroquine Inhibits the Trained Innate Immune Response to Interferons. <i>Cell Reports Medicine</i> , 2020, 1, 100146.	6.5	24
108	Multi-omics examination of Q fever fatigue syndrome identifies similarities with chronic fatigue syndrome. <i>Journal of Translational Medicine</i> , 2020, 18, 448.	4.4	21

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109	Gut microbial co-abundance networks show specificity in inflammatory bowel disease and obesity. <i>Nature Communications</i> , 2020, 11, 4018.	12.8	80
110	How the COVID-19 pandemic highlights the necessity of animal research. <i>Current Biology</i> , 2020, 30, R1014-R1018.	3.9	26
111	Presence of Genetic Variants Among Young Men With Severe COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 663.	7.4	626
112	An observational study of innate immune responses in patients with acute appendicitis. <i>Scientific Reports</i> , 2020, 10, 17352.	3.3	17
113	Trained Immunity-Promoting Nanobiologic Therapy Suppresses Tumor Growth and Potentiates Checkpoint Inhibition. <i>Cell</i> , 2020, 183, 786-801.e19.	28.9	101
114	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.	4.4	5
115	CRELD1 modulates homeostasis of the immune system in mice and humans. <i>Nature Immunology</i> , 2020, 21, 1517-1527.	14.5	13
116	Phagosomal removal of fungal melanin reprograms macrophage metabolism to promote antifungal immunity. <i>Nature Communications</i> , 2020, 11, 2282.	12.8	68
117	Sex-Specific Regulation of Inflammation and Metabolic Syndrome in Obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1787-1800.	2.4	77
118	Vasculometabolic and Inflammatory Effects of Aldosterone in Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2719-2731.	3.6	8
119	Deconvolution of bulk blood eQTL effects into immune cell subpopulations. <i>BMC Bioinformatics</i> , 2020, 21, 243.	2.6	38
120	BCG Vaccination in Humans Elicits Trained Immunity via the Hematopoietic Progenitor Compartment. <i>Cell Host and Microbe</i> , 2020, 28, 322-334.e5.	11.0	269
121	Platelet Integrin α IIb β 3 Activation is Associated with 25-Hydroxyvitamin D Concentrations in Healthy Adults. <i>Thrombosis and Haemostasis</i> , 2020, 120, 768-775.	3.4	4
122	<p>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</p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 1243-1254.	2.0	7
123	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.	0.9	44
124	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.	3.5	28
125	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , 2020, 20, 375-388.	22.7	1,345
126	BCG-Induced Trained Immunity in Healthy Individuals: The Effect of Plasma Muramyl Dipeptide Concentrations. <i>Journal of Immunology Research</i> , 2020, 2020, 1-8.	2.2	22

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127	<i>Borrelia burgdorferi</i> hijacks cellular metabolism of immune cells: Consequences for host defense. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101386.	2.7	20
128	IL-15 enhances the capacity of primary human macrophages to control <i>Leishmania braziliensis</i> infection by IL-32/vitamin D dependent and independent pathways. <i>Parasitology International</i> , 2020, 76, 102097.	1.3	11
129	A joint effort: The interplay between the innate and the adaptive immune system in Lyme arthritis. <i>Immunological Reviews</i> , 2020, 294, 63-79.	6.0	10
130	Advances in understanding molecular regulation of innate immune memory. <i>Current Opinion in Cell Biology</i> , 2020, 63, 68-75.	5.4	51
131	Mice Deficient in the IL-1 β Activation Genes <i>Prtn3</i> , <i>Elane</i> , and <i>Casp1</i> Are Protected Against the Development of Obesity-Induced NAFLD. <i>Inflammation</i> , 2020, 43, 1054-1064.	3.8	40
132	Systematic genetic analysis of early-onset gout: <i>ABCG2</i> is the only associated locus. <i>Rheumatology</i> , 2020, 59, 2544-2549.	1.9	30
133	Genetic variation in Interleukin-32 influence the immune response against New World <i>Leishmania</i> species and susceptibility to American Tegumentary Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008029.	3.0	8
134	Rewiring of glucose metabolism defines trained immunity induced by oxidized low-density lipoprotein. <i>Journal of Molecular Medicine</i> , 2020, 98, 819-831.	3.9	59
135	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.	2.9	16
136	The Set7 Lysine Methyltransferase Regulates Plasticity in Oxidative Phosphorylation Necessary for Trained Immunity Induced by β -Glucan. <i>Cell Reports</i> , 2020, 31, 107548.	6.4	76
137	Catecholamines Induce Trained Immunity in Monocytes In Vitro and In Vivo. <i>Circulation Research</i> , 2020, 127, 269-283.	4.5	76
138	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.	3.8	28
139	Circadian rhythm influences induction of trained immunity by BCG vaccination. <i>Journal of Clinical Investigation</i> , 2020, 130, 5603-5617.	8.2	95
140	BCG vaccination in humans inhibits systemic inflammation in a sex-dependent manner. <i>Journal of Clinical Investigation</i> , 2020, 130, 5591-5602.	8.2	96
141	Reprogramming of bone marrow myeloid progenitor cells in patients with severe coronary artery disease. <i>ELife</i> , 2020, 9, .	6.0	23
142	Long-Lasting Transcriptional Changes in Circulating Monocytes of Acute Q Fever Patients. <i>Open Forum Infectious Diseases</i> , 2019, 6, .	0.9	5
143	Non-specific effects of BCG in protozoal infections: tegumentary leishmaniasis and malaria. <i>Clinical Microbiology and Infection</i> , 2019, 25, 1479-1483.	6.0	18
144	Predicting bacterial infection outcomes using single cell RNA-sequencing analysis of human immune cells. <i>Nature Communications</i> , 2019, 10, 3266.	12.8	62

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145	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.	3.7	26
146	Leukocyte-Released Mediators in Response to Both Bacterial and Fungal Infections Trigger IFN Pathways, Independent of IL-1 and TNF- α , in Endothelial Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2508.	4.8	14
147	β -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.	6.4	102
148	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.	0.9	72
149	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.	3.3	87
150	Cytokine profiles in patients with Q fever fatigue syndrome. <i>Journal of Infection</i> , 2019, 78, 349-357.	3.3	9
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