

Mihai M Netea

List of Publications by Year in descending order

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Version: 2024-02-01

371
papers

66,106
citations

967

118
h-index

1117

238
g-index

414
all docs

414
docs citations

414
times ranked

72722
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult-onset autoinflammation caused by somatic mutations in UBA1: A Dutch case series of patients with VEXAS. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 432-439.e4.	1.5	105
2	100 years of <i>Mycobacterium bovis</i> bacille Calmette-Guérin. <i>Lancet Infectious Diseases</i> , The, 2022, 22, e2-e12.	4.6	87
3	IL-1 family cytokines as drivers and inhibitors of trained immunity. <i>Cytokine</i> , 2022, 150, 155773.	1.4	25
4	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
5	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
6	Protection against tuberculosis by <i>Bacillus Calmette-Guérin</i> (BCG) vaccination: A historical perspective. <i>Med</i> , 2022, 3, 6-24.	2.2	7
7	A guide to immunotherapy for COVID-19. <i>Nature Medicine</i> , 2022, 28, 39-50.	15.2	206
8	Reply to: "Lack of evidence for intergenerational inheritance of immune resistance to infections". <i>Nature Immunology</i> , 2022, 23, 208-209.	7.0	9
9	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.	1.9	6
10	Regulating trained immunity with nanomedicine. <i>Nature Reviews Materials</i> , 2022, 7, 465-481.	23.3	45
11	Single-cell RNA sequencing reveals induction of distinct trained-immunity programs in human monocytes. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	36
12	BCG-induced trained immunity enhances acellular pertussis vaccination responses in an explorative randomized clinical trial. <i>Npj Vaccines</i> , 2022, 7, 21.	2.9	5
13	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
14	Efficacy of BCG Vaccination Against Respiratory Tract Infections in Older Adults During the Coronavirus Disease 2019 Pandemic. <i>Clinical Infectious Diseases</i> , 2022, 75, e938-e946.	2.9	44
15	Development and validation of SCOPE score: A clinical score to predict COVID-19 pneumonia progression to severe respiratory failure. <i>Cell Reports Medicine</i> , 2022, 3, 100560.	3.3	23
16	Evolutionary Trajectories of Complex Traits in European Populations of Modern Humans. <i>Frontiers in Genetics</i> , 2022, 13, 833190.	1.1	2
17	BCG vaccination provides protection against IAV but not SARS-CoV-2. <i>Cell Reports</i> , 2022, 38, 110502.	2.9	51
18	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

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19	Antimicrobial Late Cornified Envelope Proteins: The Psoriasis Risk Factor Deletion of LCE3B/C Genes Affects Microbiota Composition. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1947-1955.e6.	0.3	5
20	Trained immunity-related vaccines: innate immune memory and heterologous protection against infections. <i>Trends in Molecular Medicine</i> , 2022, 28, 497-512.	3.5	28
21	Bacillus Calmette-Guérin vaccine to reduce healthcare worker absenteeism in COVID-19 pandemic, a randomized controlled trial. <i>Clinical Microbiology and Infection</i> , 2022, 28, 1278-1285.	2.8	37
22	Bone marrow transplantation induces changes in the gut microbiota that chronically increase the cytokine response pattern of splenocytes. <i>Scientific Reports</i> , 2022, 12, 6883.	1.6	2
23	Maladaptive innate immune training of myelopoiesis links inflammatory comorbidities. <i>Cell</i> , 2022, 185, 1709-1727.e18.	13.5	91
24	The Genetic Risk for COVID-19 Severity Is Associated With Defective Immune Responses. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	4
25	Validation and functional characterization of GWAS-identified variants for chronic lymphocytic leukemia: a CRuCIAL study. <i>Blood Cancer Journal</i> , 2022, 12, 79.	2.8	1
26	Trained immunity: implications for vaccination. <i>Current Opinion in Immunology</i> , 2022, 77, 102190.	2.4	31
27	Immunological Effects of Anti-IL-17/12/23 Therapy in Patients with Psoriasis Complicated by Candida Infections. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2929-2939.e8.	0.3	5
28	Shifting the Immune Memory Paradigm: Trained Immunity in Viral Infections. <i>Annual Review of Virology</i> , 2022, 9, 469-489.	3.0	9
29	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, , .	0.3	0
30	Trained Immunity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 55-61.	1.1	21
31	Trained Immunity in Atherosclerotic Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 62-69.	1.1	39
32	Immunometabolic control of trained immunity. <i>Molecular Aspects of Medicine</i> , 2021, 77, 100897.	2.7	71
33	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
34	The Intersection of Epigenetics and Metabolism in Trained Immunity. <i>Immunity</i> , 2021, 54, 32-43.	6.6	134
35	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021, 22, 2-6.	7.0	274
36	The impact of the Fungus-Host-Microbiota interplay upon <i>Candida albicans</i> infections: current knowledge and new perspectives. <i>FEMS Microbiology Reviews</i> , 2021, 45, .	3.9	139

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37	Cerebrospinal fluid IL-1 β is elevated in tuberculous meningitis patients but not associated with mortality. <i>Tuberculosis</i> , 2021, 126, 102019.	0.8	7
38	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
39	A higher BMI is not associated with a different immune response and disease course in critically ill COVID-19 patients. <i>International Journal of Obesity</i> , 2021, 45, 687-694.	1.6	35
40	Comparative host transcriptome in response to pathogenic fungi identifies common and species-specific transcriptional antifungal host response pathways. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 647-663.	1.9	16
41	Postinfectious Epigenetic Immune Modifications – A Double-Edged Sword. <i>New England Journal of Medicine</i> , 2021, 384, 261-270.	13.9	30
42	An integrative model of cardiometabolic traits identifies two types of metabolic syndrome. <i>ELife</i> , 2021, 10, .	2.8	4
43	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , 2021, 13, 7.	3.6	193
44	BCG vaccination in health care providers and the protection against COVID-19. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	30
45	IL-38 prevents induction of trained immunity by inhibition of mTOR signaling. <i>Journal of Leukocyte Biology</i> , 2021, 110, 907-915.	1.5	20
46	Thyrotrophin and thyroxine support immune homeostasis in humans. <i>Immunology</i> , 2021, 163, 155-168.	2.0	12
47	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.	7.0	38
48	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
49	A modular approach toward producing nanotherapeutics targeting the innate immune system. <i>Science Advances</i> , 2021, 7, .	4.7	20
50	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
51	InÂvitro induction of trained immunity in adherent human monocytes. <i>STAR Protocols</i> , 2021, 2, 100365.	0.5	42
52	An open label trial of anakinra to prevent respiratory failure in COVID-19. <i>ELife</i> , 2021, 10, .	2.8	127
53	Resolving trained immunity with systems biology. <i>European Journal of Immunology</i> , 2021, 51, 773-784.	1.6	8
54	Polymorphisms within Autophagy-Related Genes Influence the Risk of Developing Colorectal Cancer: A Meta-Analysis of Four Large Cohorts. <i>Cancers</i> , 2021, 13, 1258.	1.7	3

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55	Analysis of HLA gene polymorphisms in East Africans reveals evidence of gene flow in two Semitic populations from Sudan. <i>European Journal of Human Genetics</i> , 2021, 29, 1259-1271.	1.4	1
56	Glutathione Metabolism Contributes to the Induction of Trained Immunity. <i>Cells</i> , 2021, 10, 971.	1.8	20
57	Chronic HIV infection induces transcriptional and functional reprogramming of innate immune cells. <i>JCI Insight</i> , 2021, 6, .	2.3	33
58	Trained Immunity: Reprogramming Innate Immunity in Health and Disease. <i>Annual Review of Immunology</i> , 2021, 39, 667-693.	9.5	146
59	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
60	The anti-inflammatory cytokine interleukin-37 is an inhibitor of trained immunity. <i>Cell Reports</i> , 2021, 35, 108955.	2.9	40
61	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	13.7	375
62	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
63	Genetic Variation in PFKFB3 Impairs Antifungal Immunometabolic Responses and Predisposes to Invasive Pulmonary Aspergillosis. <i>MBio</i> , 2021, 12, e0036921.	1.8	6
64	Old vaccines for new infections: Exploiting innate immunity to control COVID-19 and prevent future pandemics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	69
65	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
66	Immune memory in individuals with COVID-19. <i>Nature Cell Biology</i> , 2021, 23, 582-584.	4.6	5
67	Altered Ex-Vivo Cytokine Responses in Children With Asymptomatic Plasmodium falciparum Infection in Burkina Faso: An Additional Argument to Treat Asymptomatic Malaria?. <i>Frontiers in Immunology</i> , 2021, 12, 614817.	2.2	3
68	BCG turns 100: its nontraditional uses against viruses, cancer, and immunologic diseases. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	47
69	Increased sTREM-1 plasma concentrations are associated with poor clinical outcomes in patients with COVID-19. <i>Bioscience Reports</i> , 2021, 41, .	1.1	18
70	Assessing the effect of BCG revaccination on long-term mortality. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1481-1483.	4.6	1
71	Coronavirus Disease 2019 as Cause of Viral Sepsis: A Systematic Review and Meta-Analysis*. <i>Critical Care Medicine</i> , 2021, 49, 2042-2057.	0.4	88
72	Human Newborn Monocytes Demonstrate Distinct BCG-Induced Primary and Trained Innate Cytokine Production and Metabolic Activation In Vitro. <i>Frontiers in Immunology</i> , 2021, 12, 674334.	2.2	13

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73	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
74	Seasonal and Nonseasonal Longitudinal Variation of Immune Function. <i>Journal of Immunology</i> , 2021, 207, 696-708.	0.4	16
75	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
76	Gut microbiome-mediated metabolism effects on immunity in rural and urban African populations. <i>Nature Communications</i> , 2021, 12, 4845.	5.8	35
77	Association Between Administration of IL-6 Antagonists and Mortality Among Patients Hospitalized for COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 499.	3.8	498
78	The role of sirtuin 1 on the induction of trained immunity. <i>Cellular Immunology</i> , 2021, 366, 104393.	1.4	9
79	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
80	Invasive pulmonary aspergillosis associated with viral pneumonitis. <i>Current Opinion in Microbiology</i> , 2021, 62, 21-27.	2.3	39
81	The epigenetic ghost of infections past. <i>Nature Reviews Immunology</i> , 2021, 21, 622-623.	10.6	2
82	Trained Immunity as a Preventive Measure for Surgical Site Infections. <i>Clinical Microbiology Reviews</i> , 2021, 34, e0004921.	5.7	10
83	Evolution of cytokine production capacity in ancient and modern European populations. <i>ELife</i> , 2021, 10, .	2.8	15
84	Early treatment of COVID-19 with anakinra guided by soluble urokinase plasminogen receptor plasma levels: a double-blind, randomized controlled phase 3 trial. <i>Nature Medicine</i> , 2021, 27, 1752-1760.	15.2	353
85	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.	1.3	10
86	Hyperglycemia Induces Trained Immunity in Macrophages and Their Precursors and Promotes Atherosclerosis. <i>Circulation</i> , 2021, 144, 961-982.	1.6	109
87	The influence of the gut microbiome on BCG-induced trained immunity. <i>Genome Biology</i> , 2021, 22, 275.	3.8	22
88	Interferon gamma immunotherapy in five critically ill COVID-19 patients with impaired cellular immunity: A case series. <i>Med</i> , 2021, 2, 1163-1170.e2.	2.2	31
89	Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. <i>Lancet Rheumatology</i> , The, 2021, 3, e690-e697.	2.2	121
90	Lysine methyltransferase G9a is an important modulator of trained immunity. <i>Clinical and Translational Immunology</i> , 2021, 10, e1253.	1.7	25

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91	Stronger induction of trained immunity by mucosal BCG or MTBVAC vaccination compared to standard intradermal vaccination. <i>Cell Reports Medicine</i> , 2021, 2, 100185.	3.3	41
92	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
93	Transmission of trained immunity and heterologous resistance to infections across generations. <i>Nature Immunology</i> , 2021, 22, 1382-1390.	7.0	72
94	Induction of trained immunity by influenza vaccination - impact on COVID-19. <i>PLoS Pathogens</i> , 2021, 17, e1009928.	2.1	93
95	Validation of GWAS-Identified Variants for Anti-TNF Drug Response in Rheumatoid Arthritis: A Meta-Analysis of Two Large Cohorts. <i>Frontiers in Immunology</i> , 2021, 12, 672255.	2.2	6
96	oxLDL-Induced Trained Immunity Is Dependent on Mitochondrial Metabolic Reprogramming. <i>Immunometabolism</i> , 2021, 3, e210025.	6.0	7
97	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
98	SARS-CoV-2 Omicron Mutation Is Faster than the Chase: Multiple Mutations on Spike/ACE2 Interaction Residues. <i>Immune Network</i> , 2021, 21, e38.	1.6	42
99	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
100	Maternal Priming: Bacillus Calmette-Guérin (BCG) Vaccine Scarring in Mothers Enhances the Survival of Their Child With a BCG Vaccine Scar. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 166-172.	0.6	56
101	Trained immunity in organ transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 10-18.	2.6	70
102	The role of Toll-like receptor 10 in modulation of trained immunity. <i>Immunology</i> , 2020, 159, 289-297.	2.0	28
103	Oral butyrate does not affect innate immunity and islet autoimmunity in individuals with longstanding type 1 diabetes: a randomised controlled trial. <i>Diabetologia</i> , 2020, 63, 597-610.	2.9	60
104	Trained Immunity Confers Broad-Spectrum Protection Against Bacterial Infections. <i>Journal of Infectious Diseases</i> , 2020, 222, 1869-1881.	1.9	79
105	Deletion of haematopoietic Dectin-2 or CARD9 does not protect from atherosclerosis development under hyperglycaemic conditions. <i>Diabetes and Vascular Disease Research</i> , 2020, 17, 147916411989214.	0.9	6
106	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
107	Metformin enhances anti-mycobacterial responses by educating CD8+ T-cell immunometabolic circuits. <i>Nature Communications</i> , 2020, 11, 5225.	5.8	40
108	Activate: Randomized Clinical Trial of BCG Vaccination against Infection in the Elderly. <i>Cell</i> , 2020, 183, 315-323.e9.	13.5	279

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109	The shaping of immunological responses through natural selection after the Roma Diaspora. <i>Scientific Reports</i> , 2020, 10, 16134.	1.6	2
110	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
111	A Weakened Immune Response to Synthetic Exo-Peptides Predicts a Potential Biosecurity Risk in the Retrieval of Exo-Microorganisms. <i>Microorganisms</i> , 2020, 8, 1066.	1.6	1
112	Trained immunity as a molecular mechanism for BCG immunotherapy in bladder cancer. <i>Nature Reviews Urology</i> , 2020, 17, 513-525.	1.9	94
113	Distinct inactivated bacterial-based immune modulators vary in their therapeutic efficacies for treating disease based on the organ site of pathology. <i>Scientific Reports</i> , 2020, 10, 5901.	1.6	2
114	BCG Vaccination Induces Long-Term Functional Reprogramming of Human Neutrophils. <i>Cell Reports</i> , 2020, 33, 108387.	2.9	152
115	Hydroxychloroquine Inhibits the Trained Innate Immune Response to Interferons. <i>Cell Reports Medicine</i> , 2020, 1, 100146.	3.3	24
116	Controlled Human Malaria Infection Induces Long-Term Functional Changes in Monocytes. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 604553.	1.6	13
117	Key recent advances in TB vaccine development and understanding of protective immune responses against <i>Mycobacterium tuberculosis</i> . <i>Seminars in Immunology</i> , 2020, 50, 101431.	2.7	57
118	LifeTime and improving European healthcare through cell-based interceptive medicine. <i>Nature</i> , 2020, 587, 377-386.	13.7	108
119	Overcoming immune dysfunction in the elderly: trained immunity as a novel approach. <i>International Immunology</i> , 2020, 32, 741-753.	1.8	46
120	Gut microbial co-abundance networks show specificity in inflammatory bowel disease and obesity. <i>Nature Communications</i> , 2020, 11, 4018.	5.8	80
121	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
122	Outcomes Associated With Use of a Kinin B2 Receptor Antagonist Among Patients With COVID-19. <i>JAMA Network Open</i> , 2020, 3, e2017708.	2.8	57
123	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , 2020, 183, 771-785.e12.	13.5	277
124	Trained Immunity-Promoting Nanobiologic Therapy Suppresses Tumor Growth and Potentiates Checkpoint Inhibition. <i>Cell</i> , 2020, 183, 786-801.e19.	13.5	101
125	Enhanced lipid biosynthesis in human tumor-induced macrophages contributes to their protumoral characteristics. , 2020, 8, e000638.		33
126	Trained Innate Immunity, Epigenetics, and Covid-19. <i>New England Journal of Medicine</i> , 2020, 383, 1078-1080.	13.9	133

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127	Transcriptional and functional insights into the host immune response against the emerging fungal pathogen <i>Candida auris</i> . <i>Nature Microbiology</i> , 2020, 5, 1516-1531.	5.9	75
128	Anakinra treatment in critically ill COVID-19 patients: a prospective cohort study. <i>Critical Care</i> , 2020, 24, 688.	2.5	100
129	CRELD1 modulates homeostasis of the immune system in mice and humans. <i>Nature Immunology</i> , 2020, 21, 1517-1527.	7.0	13
130	Trained Immunity: a Tool for Reducing Susceptibility to and the Severity of SARS-CoV-2 Infection. <i>Cell</i> , 2020, 181, 969-977.	13.5	358
131	BCG-induced trained immunity: can it offer protection against COVID-19?. <i>Nature Reviews Immunology</i> , 2020, 20, 335-337.	10.6	384
132	Phagosomal removal of fungal melanin reprograms macrophage metabolism to promote antifungal immunity. <i>Nature Communications</i> , 2020, 11, 2282.	5.8	68
133	Favorable Anakinra Responses in Severe Covid-19 Patients with Secondary Hemophagocytic Lymphohistiocytosis. <i>Cell Host and Microbe</i> , 2020, 28, 117-123.e1.	5.1	210
134	Acromegaly, inflammation and cardiovascular disease: a review. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 547-568.	2.6	29
135	Î²-Glucan Induces Protective Trained Immunity against <i>Mycobacterium tuberculosis</i> Infection: A Key Role for IL-1. <i>Cell Reports</i> , 2020, 31, 107634.	2.9	147
136	Roles of Trained Immunity in the Pathogenesis of Cholangiopathies: A Therapeutic Target. <i>Hepatology</i> , 2020, 72, 1838-1850.	3.6	13
137	A Potential Role for Epigenetically Mediated Trained Immunity in Food Allergy. <i>IScience</i> , 2020, 23, 101171.	1.9	18
138	Sex-Specific Regulation of Inflammation and Metabolic Syndrome in Obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1787-1800.	1.1	77
139	Deconvolution of bulk blood eQTL effects into immune cell subpopulations. <i>BMC Bioinformatics</i> , 2020, 21, 243.	1.2	38
140	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
141	The effect of BCG vaccination on alveolar macrophages obtained from induced sputum from healthy volunteers. <i>Cytokine</i> , 2020, 133, 155135.	1.4	10
142	Two Randomized Controlled Trials of <i>Bacillus Calmette-Guérin</i> Vaccination to reduce absenteeism among health care workers and hospital admission by elderly persons during the COVID-19 pandemic: A structured summary of the study protocols for two randomised controlled trials. <i>Trials</i> , 2020, 21, 481.	0.7	38
143	NFKB2 polymorphisms associate with the risk of developing rheumatoid arthritis and response to TNF inhibitors: Results from the REPAIR consortium. <i>Scientific Reports</i> , 2020, 10, 4316.	1.6	14
144	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , 2020, 20, 375-388.	10.6	1,345

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145	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
146	Primary immunodeficiencies in cytosolic pattern-recognition receptor pathways: Toward host-directed treatment strategies. <i>Immunological Reviews</i> , 2020, 297, 247-272.	2.8	10
147	Recent Common Origin, Reduced Population Size, and Marked Admixture Have Shaped European Roma Genomes. <i>Molecular Biology and Evolution</i> , 2020, 37, 3175-3187.	3.5	16
148	Trained Immunity: Linking Obesity and Cardiovascular Disease across the Life-Course?. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 378-389.	3.1	40
149	<i>Borrelia burgdorferi</i> hijacks cellular metabolism of immune cells: Consequences for host defense. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101386.	1.1	20
150	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
151	Advances in understanding molecular regulation of innate immune memory. <i>Current Opinion in Cell Biology</i> , 2020, 63, 68-75.	2.6	51
152	Neonatal BCG Vaccination Reduces Interferon- γ Responsiveness to Heterologous Pathogens in Infants From a Randomized Controlled Trial. <i>Journal of Infectious Diseases</i> , 2020, 221, 1999-2009.	1.9	24
153	Licensed Bacille Calmette-Guérin (BCG) formulations differ markedly in bacterial viability, RNA content and innate immune activation. <i>Vaccine</i> , 2020, 38, 2229-2240.	1.7	71
154	Immune recognition of putative alien microbial structures: Host-pathogen interactions in the age of space travel. <i>PLoS Pathogens</i> , 2020, 16, e1008153.	2.1	7
155	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
156	Considering BCG vaccination to reduce the impact of COVID-19. <i>Lancet, The</i> , 2020, 395, 1545-1546.	6.3	289
157	Involvement of Lactate and Pyruvate in the Anti-Inflammatory Effects Exerted by Voluntary Activation of the Sympathetic Nervous System. <i>Metabolites</i> , 2020, 10, 148.	1.3	17
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