Mihai M Netea

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8340328/publications.pdf Version: 2024-02-01

		813	962
371	66,106	118	238
papers	citations	h-index	g-index
414	414	414	67164
all docs	docs citations	times ranked	citing authors

Μιμλι Μ Νετελ

#	Article	IF	CITATIONS
1	Adult-onset autoinflammation caused by somatic mutations in UBA1: AÂDutch case series of patients with VEXAS. Journal of Allergy and Clinical Immunology, 2022, 149, 432-439.e4.	2.9	105
2	100 years of Mycobacterium bovis bacille Calmette-Guérin. Lancet Infectious Diseases, The, 2022, 22, e2-e12.	9.1	87
3	IL-1 family cytokines as drivers and inhibitors of trained immunity. Cytokine, 2022, 150, 155773.	3.2	25
4	An integrative genomics approach identifies KDM4 as a modulator of trained immunity. European Journal of Immunology, 2022, 52, 431-446.	2.9	22
5	Immune modulatory effects of progesterone on oxLDL-induced trained immunity in monocytes. Journal of Leukocyte Biology, 2022, 112, 279-288.	3.3	14
6	Protection against tuberculosis by Bacillus Calmette-Guérin (BCG) vaccination: A historical perspective. Med, 2022, 3, 6-24.	4.4	7
7	A guide to immunotherapy for COVID-19. Nature Medicine, 2022, 28, 39-50.	30.7	206
8	Reply to: â€~Lack of evidence for intergenerational inheritance of immune resistance to infections'. Nature Immunology, 2022, 23, 208-209.	14.5	9
9	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.	3.8	6
10	Regulating trained immunity with nanomedicine. Nature Reviews Materials, 2022, 7, 465-481.	48.7	45
11	Single-cell RNA sequencing reveals induction of distinct trained-immunity programs in human monocytes. Journal of Clinical Investigation, 2022, 132, .	8.2	36
12	BCG-induced trained immunity enhances acellular pertussis vaccination responses in an explorative randomized clinical trial. Npj Vaccines, 2022, 7, 21.	6.0	5
13	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.	6.2	7
14	Efficacy of BCG Vaccination Against Respiratory Tract Infections in Older Adults During the Coronavirus Disease 2019 Pandemic. Clinical Infectious Diseases, 2022, 75, e938-e946.	5.8	44
15	Development and validation of SCOPE score: A clinical score to predict COVID-19 pneumonia progression to severe respiratory failure. Cell Reports Medicine, 2022, 3, 100560.	6.5	23
16	Evolutionary Trajectories of Complex Traits in European Populations of Modern Humans. Frontiers in Genetics, 2022, 13, 833190.	2.3	2
17	BCG vaccination provides protection against IAV but not SARS-CoV-2. Cell Reports, 2022, 38, 110502.	6.4	51
18	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.	4.8	10

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19	Antimicrobial Late Cornified Envelope Proteins: The Psoriasis Risk Factor Deletion of LCE3B/C Genes Affects Microbiota Composition. Journal of Investigative Dermatology, 2022, 142, 1947-1955.e6.	0.7	5
20	Trained immunity-related vaccines: innate immune memory and heterologous protection against infections. Trends in Molecular Medicine, 2022, 28, 497-512.	6.7	28
21	Bacillus Calmette-Guérin vaccine to reduce healthcare worker absenteeism in COVID-19 pandemic, a randomized controlled trial. Clinical Microbiology and Infection, 2022, 28, 1278-1285.	6.0	37
22	Bone marrow transplantation induces changes in the gut microbiota that chronically increase the cytokine response pattern of splenocytes. Scientific Reports, 2022, 12, 6883.	3.3	2
23	Maladaptive innate immune training of myelopoiesis links inflammatory comorbidities. Cell, 2022, 185, 1709-1727.e18.	28.9	91
24	The Genetic Risk for COVID-19 Severity Is Associated With Defective Immune Responses. Frontiers in Immunology, 2022, 13, .	4.8	4
25	Validation and functional characterization of GWAS-identified variants for chronic lymphocytic leukemia: a CRuCIAL study. Blood Cancer Journal, 2022, 12, 79.	6.2	1
26	Trained immunity: implications for vaccination. Current Opinion in Immunology, 2022, 77, 102190.	5.5	31
27	Immunological Effects of Anti‒IL-17/12/23 Therapy in Patients with Psoriasis Complicated by Candida Infections. Journal of Investigative Dermatology, 2022, 142, 2929-2939.e8.	0.7	5
28	Shifting the Immune Memory Paradigm: Trained Immunity in Viral Infections. Annual Review of Virology, 2022, 9, 469-489.	6.7	9
29	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, , .	0.6	0
30	Trained Immunity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 55-61.	2.4	21
31	Trained Immunity in Atherosclerotic Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 62-69.	2.4	39
32	Immunometabolic control of trained immunity. Molecular Aspects of Medicine, 2021, 77, 100897.	6.4	71
33	Complement Activation in the Disease Course of Coronavirus Disease 2019 and Its Effects on Clinical Outcomes. Journal of Infectious Diseases, 2021, 223, 214-224.	4.0	86
34	The Intersection of Epigenetics and Metabolism in Trained Immunity. Immunity, 2021, 54, 32-43.	14.3	134
35	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. Nature Immunology, 2021, 22, 2-6.	14.5	274
36	The impact of the Fungus-Host-Microbiota interplay upon <i>Candida albicans</i> infections: current knowledge and new perspectives. FEMS Microbiology Reviews, 2021, 45, .	8.6	139

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37	Cerebrospinal fluid IL-1Î ² is elevated in tuberculous meningitis patients but not associated with mortality. Tuberculosis, 2021, 126, 102019.	1.9	7
38	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.	2.9	23
39	A higher BMI is not associated with a different immune response and disease course in critically ill COVID-19 patients. International Journal of Obesity, 2021, 45, 687-694.	3.4	35
40	Comparative host transcriptome in response to pathogenic fungi identifies common and species-specific transcriptional antifungal host response pathways. Computational and Structural Biotechnology Journal, 2021, 19, 647-663.	4.1	16
41	Postinfectious Epigenetic Immune Modifications — A Double-Edged Sword. New England Journal of Medicine, 2021, 384, 261-270.	27.0	30
42	An integrative model of cardiometabolic traits identifies two types of metabolic syndrome. ELife, 2021, 10, .	6.0	4
43	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. Genome Medicine, 2021, 13, 7.	8.2	193
44	BCG vaccination in health care providers and the protection against COVID-19. Journal of Clinical Investigation, 2021, 131, .	8.2	30
45	IL-38 prevents induction of trained immunity by inhibition of mTOR signaling. Journal of Leukocyte Biology, 2021, 110, 907-915.	3.3	20
46	Thyrotrophin and thyroxine support immune homeostasis in humans. Immunology, 2021, 163, 155-168.	4.4	12
47	Urban living in healthy Tanzanians is associated with an inflammatory status driven by dietary and metabolic changes. Nature Immunology, 2021, 22, 287-300.	14.5	38
48	Dysregulated Innate and Adaptive Immune Responses Discriminate Disease Severity in COVID-19. Journal of Infectious Diseases, 2021, 223, 1322-1333.	4.0	61
49	A modular approach toward producing nanotherapeutics targeting the innate immune system. Science Advances, 2021, 7, .	10.3	20
50	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.	3.6	15
51	InÂvitro induction of trained immunity in adherent human monocytes. STAR Protocols, 2021, 2, 100365.	1.2	42
52	An open label trial of anakinra to prevent respiratory failure in COVID-19. ELife, 2021, 10, .	6.0	127
53	Resolving trained immunity with systems biology. European Journal of Immunology, 2021, 51, 773-784.	2.9	8
54	Polymorphisms within Autophagy-Related Genes Influence the Risk of Developing Colorectal Cancer: A Meta-Analysis of Four Large Cohorts. Cancers, 2021, 13, 1258.	3.7	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. European Journal of Human Genetics, 2021, 29, 1259-1271.	2.8	1
56	Glutathione Metabolism Contributes to the Induction of Trained Immunity. Cells, 2021, 10, 971.	4.1	20
57	Chronic HIV infection induces transcriptional and functional reprogramming of innate immune cells. JCI Insight, 2021, 6, .	5.0	33
58	Trained Immunity: Reprogramming Innate Immunity in Health and Disease. Annual Review of Immunology, 2021, 39, 667-693.	21.8	146
59	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.	3.2	3
60	The anti-inflammatory cytokine interleukin-37 is an inhibitor of trained immunity. Cell Reports, 2021, 35, 108955.	6.4	40
61	Swarm Learning for decentralized and confidential clinical machine learning. Nature, 2021, 594, 265-270.	27.8	375
62	Impact of rare and common genetic variation in the interleukin-1 pathway on human cytokine responses. Genome Medicine, 2021, 13, 94.	8.2	5
63	Genetic Variation in PFKFB3 Impairs Antifungal Immunometabolic Responses and Predisposes to Invasive Pulmonary Aspergillosis. MBio, 2021, 12, e0036921.	4.1	6
64	Old vaccines for new infections: Exploiting innate immunity to control COVID-19 and prevent future pandemics. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	69
65	Oncogene-induced maladaptive activation of trained immunity in the pathogenesis and treatment of Erdheim-Chester disease. Blood, 2021, 138, 1554-1569.	1.4	10
66	Immune memory in individuals with COVID-19. Nature Cell Biology, 2021, 23, 582-584.	10.3	5
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.	4.8	3
68	BCG turns 100: its nontraditional uses against viruses, cancer, and immunologic diseases. Journal of Clinical Investigation, 2021, 131, .	8.2	47
69	Increased sTREM-1 plasma concentrations are associated with poor clinical outcomes in patients with COVID-19. Bioscience Reports, 2021, 41, .	2.4	18
70	Assessing the effect of BCG revaccination on long-term mortality. Lancet Infectious Diseases, The, 2021, 21, 1481-1483.	9.1	1
71	Coronavirus Disease 2019 as Cause of Viral Sepsis: A Systematic Review and Meta-Analysis*. Critical Care Medicine, 2021, 49, 2042-2057.	0.9	88
72	Human Newborn Monocytes Demonstrate Distinct BCG-Induced Primary and Trained Innate Cytokine Production and Metabolic Activation In Vitro. Frontiers in Immunology, 2021, 12, 674334.	4.8	13

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73	Integration of metabolomics, genomics, and immune phenotypes reveals the causal roles of metabolites in disease. Genome Biology, 2021, 22, 198.	8.8	26
74	Seasonal and Nonseasonal Longitudinal Variation of Immune Function. Journal of Immunology, 2021, 207, 696-708.	0.8	16
75	An Explorative Study on Monocyte Reprogramming in the Context of Periodontitis In Vitro and In Vivo. Frontiers in Immunology, 2021, 12, 695227.	4.8	13
76	Gut microbiome-mediated metabolism effects on immunity in rural and urban African populations. Nature Communications, 2021, 12, 4845.	12.8	35
77	Association Between Administration of IL-6 Antagonists and Mortality Among Patients Hospitalized for COVID-19. JAMA - Journal of the American Medical Association, 2021, 326, 499.	7.4	498
78	The role of sirtuin 1 on the induction of trained immunity. Cellular Immunology, 2021, 366, 104393.	3.0	9
79	The Immunological Factors Predisposing to Severe Covid-19 Are Already Present in Healthy Elderly and Men. Frontiers in Immunology, 2021, 12, 720090.	4.8	9
80	Invasive pulmonary aspergillosis associated with viral pneumonitis. Current Opinion in Microbiology, 2021, 62, 21-27.	5.1	39
81	The epigenetic ghost of infections past. Nature Reviews Immunology, 2021, 21, 622-623.	22.7	2
82	Trained Immunity as a Preventive Measure for Surgical Site Infections. Clinical Microbiology Reviews, 2021, 34, e0004921.	13.6	10
83	Evolution of cytokine production capacity in ancient and modern European populations. ELife, 2021, 10,	6.0	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. Nature Medicine, 2021, 27, 1752-1760.	30.7	353
85	The role of IL-32 in Bacillus Calmette-Guérin (BCG)-induced trained immunity in infections caused by different Leishmania spp Microbial Pathogenesis, 2021, 158, 105088.	2.9	10
86	Hyperglycemia Induces Trained Immunity in Macrophages and Their Precursors and Promotes Atherosclerosis. Circulation, 2021, 144, 961-982.	1.6	109
87	The influence of the gut microbiome on BCG-induced trained immunity. Genome Biology, 2021, 22, 275.	8.8	22
88	Interferon gamma immunotherapy in five critically ill COVID-19 patients with impaired cellular immunity: A case series. Med, 2021, 2, 1163-1170.e2.	4.4	31
89	Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. Lancet Rheumatology, The, 2021, 3, e690-e697.	3.9	121
90	Lysine methyltransferase G9a is an important modulator of trained immunity. Clinical and Translational Immunology, 2021, 10, e1253.	3.8	25

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91	Stronger induction of trained immunity by mucosal BCG or MTBVAC vaccination compared to standard intradermal vaccination. Cell Reports Medicine, 2021, 2, 100185.	6.5	41
92	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, .	7.1	40
93	Transmission of trained immunity and heterologous resistance to infections across generations. Nature Immunology, 2021, 22, 1382-1390.	14.5	72
94	Induction of trained immunity by influenza vaccination - impact on COVID-19. PLoS Pathogens, 2021, 17, e1009928.	4.7	93
95	Validation of GWAS-Identified Variants for Anti-TNF Drug Response in Rheumatoid Arthritis: A Meta-Analysis of Two Large Cohorts. Frontiers in Immunology, 2021, 12, 672255.	4.8	6
96	oxLDL-Induced Trained Immunity Is Dependent on Mitochondrial Metabolic Reprogramming. Immunometabolism, 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. Cell Reports, 2021, 37, 110028.	6.4	31
98	SARS-CoV-2 Omicron Mutation Is Faster than the Chase: Multiple Mutations on Spike/ACE2 Interaction Residues. Immune Network, 2021, 21, e38.	3.6	42
99	Interacting, Nonspecific, Immunological Effects of Bacille Calmette-Guérin and Tetanus-diphtheria-pertussis Inactivated Polio Vaccinations: An Explorative, Randomized Trial. Clinical Infectious Diseases, 2020, 70, 455-463.	5.8	35
100	Maternal Priming: Bacillus Calmette-Guérin (BCG) Vaccine Scarring in Mothers Enhances the Survival of Their Child With a BCG Vaccine Scar. Journal of the Pediatric Infectious Diseases Society, 2020, 9, 166-172.	1.3	56
101	Trained immunity in organ transplantation. American Journal of Transplantation, 2020, 20, 10-18.	4.7	70
102	The role of Tollâ€like receptor 10 in modulation of trained immunity. Immunology, 2020, 159, 289-297.	4.4	28
103	Oral butyrate does not affect innate immunity and islet autoimmunity in individuals with longstanding type 1 diabetes: a randomised controlled trial. Diabetologia, 2020, 63, 597-610.	6.3	60
104	Trained Immunity Confers Broad-Spectrum Protection Against Bacterial Infections. Journal of Infectious Diseases, 2020, 222, 1869-1881.	4.0	79
105	Deletion of haematopoietic Dectin-2 or CARD9 does not protect from atherosclerosis development under hyperglycaemic conditions. Diabetes and Vascular Disease Research, 2020, 17, 147916411989214.	2.0	6
106	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.	6.4	55
107	Metformin enhances anti-mycobacterial responses by educating CD8+ T-cell immunometabolic circuits. Nature Communications, 2020, 11, 5225.	12.8	40
108	Activate: Randomized Clinical Trial of BCG Vaccination against Infection in the Elderly. Cell, 2020, 183, 315-323.e9.	28.9	279

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109	The shaping of immunological responses through natural selection after the Roma Diaspora. Scientific Reports, 2020, 10, 16134.	3.3	2
110	Safety and COVID-19 Symptoms in Individuals Recently Vaccinated with BCG: a Retrospective Cohort Study. Cell Reports Medicine, 2020, 1, 100073.	6.5	78
111	A Weakened Immune Response to Synthetic Exo-Peptides Predicts a Potential Biosecurity Risk in the Retrieval of Exo-Microorganisms. Microorganisms, 2020, 8, 1066.	3.6	1
112	Trained immunity as a molecular mechanism for BCG immunotherapy in bladder cancer. Nature Reviews Urology, 2020, 17, 513-525.	3.8	94
113	Distinct inactivated bacterial-based immune modulators vary in their therapeutic efficacies for treating disease based on the organ site of pathology. Scientific Reports, 2020, 10, 5901.	3.3	2
114	BCG Vaccination Induces Long-Term Functional Reprogramming of Human Neutrophils. Cell Reports, 2020, 33, 108387.	6.4	152
115	Hydroxychloroquine Inhibits the Trained Innate Immune Response to Interferons. Cell Reports Medicine, 2020, 1, 100146.	6.5	24
116	Controlled Human Malaria Infection Induces Long-Term Functional Changes in Monocytes. Frontiers in Molecular Biosciences, 2020, 7, 604553.	3.5	13
117	Key recent advances in TB vaccine development and understanding of protective immune responses against Mycobacterium tuberculosis. Seminars in Immunology, 2020, 50, 101431.	5.6	57
118	LifeTime and improving European healthcare through cell-based interceptive medicine. Nature, 2020, 587, 377-386.	27.8	108
119	Overcoming immune dysfunction in the elderly: trained immunity as a novel approach. International Immunology, 2020, 32, 741-753.	4.0	46
120	Gut microbial co-abundance networks show specificity in inflammatory bowel disease and obesity. Nature Communications, 2020, 11, 4018.	12.8	80
121	Presence of Genetic Variants Among Young Men With Severe COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 663.	7.4	626
122	Outcomes Associated With Use of a Kinin B2 Receptor Antagonist Among Patients With COVID-19. JAMA Network Open, 2020, 3, e2017708.	5.9	57
123	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. Cell, 2020, 183, 771-785.e12.	28.9	277
124	Trained Immunity-Promoting Nanobiologic Therapy Suppresses Tumor Growth and Potentiates Checkpoint Inhibition. Cell, 2020, 183, 786-801.e19.	28.9	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. New England Journal of Medicine, 2020, 383, 1078-1080.	27.0	133

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127	Transcriptional and functional insights into the host immune response against the emerging fungal pathogen Candida auris. Nature Microbiology, 2020, 5, 1516-1531.	13.3	75
128	Anakinra treatment in critically ill COVID-19 patients: a prospective cohort study. Critical Care, 2020, 24, 688.	5.8	100
129	CRELD1 modulates homeostasis of the immune system in mice and humans. Nature Immunology, 2020, 21, 1517-1527.	14.5	13
130	Trained Immunity: a Tool for Reducing Susceptibility to and the Severity of SARS-CoV-2 Infection. Cell, 2020, 181, 969-977.	28.9	358
131	BCG-induced trained immunity: can it offer protection against COVID-19?. Nature Reviews Immunology, 2020, 20, 335-337.	22.7	384
132	Phagosomal removal of fungal melanin reprograms macrophage metabolism to promote antifungal immunity. Nature Communications, 2020, 11, 2282.	12.8	68
133	Favorable Anakinra Responses in Severe Covid-19 Patients with Secondary Hemophagocytic Lymphohistiocytosis. Cell Host and Microbe, 2020, 28, 117-123.e1.	11.0	210
134	Acromegaly, inflammation and cardiovascular disease: a review. Reviews in Endocrine and Metabolic Disorders, 2020, 21, 547-568.	5.7	29
135	β-Glucan Induces Protective Trained Immunity against Mycobacterium tuberculosis Infection: A Key Role for IL-1. Cell Reports, 2020, 31, 107634.	6.4	147
136	Roles of Trained Immunity in the Pathogenesis of Cholangiopathies: A Therapeutic Target. Hepatology, 2020, 72, 1838-1850.	7.3	13
137	A Potential Role for Epigenetically Mediated Trained Immunity in Food Allergy. IScience, 2020, 23, 101171.	4.1	18
138	Sex-Specific Regulation of Inflammation and Metabolic Syndrome in Obesity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1787-1800.	2.4	77
139	Deconvolution of bulk blood eQTL effects into immune cell subpopulations. BMC Bioinformatics, 2020, 21, 243.	2.6	38
140	BCG Vaccination in Humans Elicits Trained Immunity via the Hematopoietic Progenitor Compartment. Cell Host and Microbe, 2020, 28, 322-334.e5.	11.0	269
141	The effect of BCG vaccination on alveolar macrophages obtained from induced sputum from healthy volunteers. Cytokine, 2020, 133, 155135.	3.2	10
142	Two Randomized Controlled Trials of Bacillus Calmette-Guérin 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. Trials, 2020, 21, 481	1.6	38
143	NFKB2 polymorphisms associate with the risk of developing rheumatoid arthritis and response to TNF inhibitors: Results from the REPAIR consortium. Scientific Reports, 2020, 10, 4316.	3.3	14
144	Defining trained immunity and its role in health and disease. Nature Reviews Immunology, 2020, 20, 375-388.	22.7	1,345

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145	BCG-Induced Trained Immunity in Healthy Individuals: The Effect of Plasma Muramyl Dipeptide Concentrations. Journal of Immunology Research, 2020, 2020, 1-8.	2.2	22
146	Primary immunodeficiencies in cytosolic patternâ€recognition receptor pathways: Toward hostâ€directed treatment strategies. Immunological Reviews, 2020, 297, 247-272.	6.0	10
147	Recent Common Origin, Reduced Population Size, and Marked Admixture Have Shaped European Roma Genomes. Molecular Biology and Evolution, 2020, 37, 3175-3187.	8.9	16
148	Trained Immunity: Linking Obesity and Cardiovascular Disease across the Life-Course?. Trends in Endocrinology and Metabolism, 2020, 31, 378-389.	7.1	40
149	Borrelia burgdorferi hijacks cellular metabolism of immune cells: Consequences for host defense. Ticks and Tick-borne Diseases, 2020, 11, 101386.	2.7	20
150	A joint effort: The interplay between the innate and the adaptive immune system in Lyme arthritis. Immunological Reviews, 2020, 294, 63-79.	6.0	10
151	Advances in understanding molecular regulation of innate immune memory. Current Opinion in Cell Biology, 2020, 63, 68-75.	5.4	51
152	Neonatal BCG Vaccination Reduces Interferon-γ Responsiveness to Heterologous Pathogens in Infants From a Randomized Controlled Trial. Journal of Infectious Diseases, 2020, 221, 1999-2009.	4.0	24
153	Licensed Bacille Calmette-Guérin (BCG) formulations differ markedly in bacterial viability, RNA content and innate immune activation. Vaccine, 2020, 38, 2229-2240.	3.8	71
154	Immune recognition of putative alien microbial structures: Host–pathogen interactions in the age of space travel. PLoS Pathogens, 2020, 16, e1008153.	4.7	7
155	Rewiring of glucose metabolism defines trained immunity induced by oxidized low-density lipoprotein. Journal of Molecular Medicine, 2020, 98, 819-831.	3.9	59
156	Considering BCG vaccination to reduce the impact of COVID-19. Lancet, The, 2020, 395, 1545-1546.	13.7	289
157	Involvement of Lactate and Pyruvate in the Anti-Inflammatory Effects Exerted by Voluntary Activation of the Sympathetic Nervous System. Metabolites, 2020, 10, 148.	2.9	17
158	The Set7 Lysine Methyltransferase Regulates Plasticity in Oxidative Phosphorylation Necessary for Trained Immunity Induced by β-Glucan. Cell Reports, 2020, 31, 107548.	6.4	76
159	Complex Immune Dysregulation in COVID-19 Patients with Severe Respiratory Failure. Cell Host and Microbe, 2020, 27, 992-1000.e3.	11.0	1,746
160	New live attenuated tuberculosis vaccine MTBVAC induces trained immunity and confers protection against experimental lethal pneumonia. PLoS Pathogens, 2020, 16, e1008404.	4.7	58
161	Trained immunity as a novel approach against COVIDâ€19 with a focus on Bacillus Calmette–Guérin vaccine: mechanisms, challenges and perspectives. Clinical and Translational Immunology, 2020, 9, e1228.	3.8	28
162	Biomarkers of inflammation and the etiology of sepsis. Biochemical Society Transactions, 2020, 48, 1-14.	3.4	72

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163	Designing the Next Generation of Vaccines: Relevance for Future Pandemics. MBio, 2020, 11, .	4.1	17
164	Circadian rhythm influences induction of trained immunity by BCG vaccination. Journal of Clinical Investigation, 2020, 130, 5603-5617.	8.2	95
165	BCG vaccination in humans inhibits systemic inflammation in a sex-dependent manner. Journal of Clinical Investigation, 2020, 130, 5591-5602.	8.2	96
166	Kallikrein-kinin blockade in patients with COVID-19 to prevent acute respiratory distress syndrome. ELife, 2020, 9, .	6.0	235
167	Reprogramming of bone marrow myeloid progenitor cells in patients with severe coronary artery disease. ELife, 2020, 9, .	6.0	23
168	Long-term reprogramming of the innate immune system. Journal of Leukocyte Biology, 2019, 105, 329-338.	3.3	120
169	Predicting bacterial infection outcomes using single cell RNA-sequencing analysis of human immune cells. Nature Communications, 2019, 10, 3266.	12.8	62
170	Steroid hormone-related polymorphisms associate with the development of bone erosions in rheumatoid arthritis and help to predict disease progression: Results from the REPAIR consortium. Scientific Reports, 2019, 9, 14812.	3.3	7
171	β-Glucan-Induced Trained Immunity Protects against Leishmania braziliensis Infection: a Crucial Role for IL-32. Cell Reports, 2019, 28, 2659-2672.e6.	6.4	102
172	Immune cell characteristics and cytokine responses in adult HIV-negative tuberculous meningitis: an observational cohort study. Scientific Reports, 2019, 9, 884.	3.3	26
173	Effects of oral butyrate supplementation on inflammatory potential of circulating peripheral blood mononuclear cells in healthy and obese males. Scientific Reports, 2019, 9, 775.	3.3	87
174	Effect of PTEN inactivating germline mutations on innate immune cell function and thyroid cancer-induced macrophages in patients with PTEN hamartoma tumor syndrome. Oncogene, 2019, 38, 3743-3755.	5.9	20
175	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.	4.4	9
176	Exome sequencing in routine diagnostics: a generic test for 254 patients with primary immunodeficiencies. Genome Medicine, 2019, 11, 38.	8.2	49
177	Bromodomain inhibitor lâ€BET151 suppresses immune responses during fungal–immune interaction. European Journal of Immunology, 2019, 49, 2044-2050.	2.9	23
178	The influence of neonatal Bacille Calmette-Guérin (BCG) immunisation on heterologous vaccine responses in infants. Vaccine, 2019, 37, 3735-3744.	3.8	31
179	Treatment with Statins Does Not Revert Trained Immunity in Patients with Familial Hypercholesterolemia. Cell Metabolism, 2019, 30, 1-2.	16.2	130
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