

Mihai Netea

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

586
papers

47,980
citations

101
h-index

208
g-index

658
ext. papers

63,046
ext. citations

12.5
avg, IF

7.91
L-index

#	Paper	IF	Citations
586	Immune modulatory effects of progesterone on oxLDL-induced trained immunity in monocytes.. <i>Journal of Leukocyte Biology</i> , 2022 ,	6.5	1
585	Discovery, diversity, and functional associations of crAss-like phages in human gut metagenomes from four Dutch cohorts.. <i>Cell Reports</i> , 2022 , 38, 110204	10.6	3
584	Protection against tuberculosis by Bacillus Calmette-Guérin (BCG) vaccination: A historical perspective.. <i>Med</i> , 2022 , 3, 6-24	31.7	0
583	A guide to immunotherapy for COVID-19.. <i>Nature Medicine</i> , 2022 ,	50.5	27
582	Reply to: Rack of evidence for intergenerational inheritance of immune resistance to infectionsR. <i>Nature Immunology</i> , 2022 ,	19.1	1
581	Single-cell RNA sequencing reveals induction of distinct trained immunity programs in human monocytes.. <i>Journal of Clinical Investigation</i> , 2022 ,	15.9	2
580	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	5.4	0
579	Risk of candidiasis associated with interleukin-17 inhibitors: A real-world observational study of multiple independent sources.. <i>Lancet Regional Health - Europe, The</i> , 2022 , 13, 100266		7
578	A Practical Guide to the Management of Oral Candidiasis in Patients with Plaque Psoriasis Receiving Treatments That Target Interleukin-17.. <i>Dermatology and Therapy</i> , 2022 , 12, 787	4	0
577	BCG-induced trained immunity enhances acellular pertussis vaccination responses in an explorative randomized clinical trial.. <i>Npj Vaccines</i> , 2022 , 7, 21	9.5	1
576	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	18	3
575	Evolutionary Trajectories of Complex Traits in European Populations of Modern Humans.. <i>Frontiers in Genetics</i> , 2022 , 13, 833190	4.5	
574	BCG vaccination provides protection against IAV but not SARS-CoV-2.. <i>Cell Reports</i> , 2022 , 110502	10.6	4
573	The gut microbiome as mediator between diet and its impact on immune function.. <i>Scientific Reports</i> , 2022 , 12, 5149	4.9	0
572	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	7	1
571	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	8.4	0
570	<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	3.6	

569	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	4.9	
568	Maladaptive innate immune training of myelopoiesis links inflammatory comorbidities.. <i>Cell</i> , 2022 ,	56.2	6
567	IL-1 Mediates Tissue-Specific Inflammation and Severe Respiratory Failure in COVID-19.. <i>Journal of Innate Immunity</i> , 2022 , 1-14	6.9	2
566	Type 2 Diabetes-Related Variants Influence the Risk of Developing Prostate Cancer: A Population-Based Case-Control Study and Meta-Analysis. <i>Cancers</i> , 2022 , 14, 2376	6.6	1
565	Validation and functional characterization of GWAS-identified variants for chronic lymphocytic leukemia: a CRUCIAL study.. <i>Blood Cancer Journal</i> , 2022 , 12, 79	7	
564	Trained immunity: implications for vaccination. <i>Current Opinion in Immunology</i> , 2022 , 77, 102190	7.8	2
563	Trained Immunity in Atherosclerotic Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 62-69	9.4	14
562	SARS-CoV-2 Omicron Mutation Is Faster than the Chase: Multiple Mutations on Spike/ACE2 Interaction Residues.. <i>Immune Network</i> , 2021 , 21, e38	6.1	7
561	Natural resistance against infections: focus on COVID-19.. <i>Trends in Immunology</i> , 2021 ,	14.4	5
560	Effects of fecal microbiota transplant on DNA methylation in subjects with metabolic syndrome. <i>Gut Microbes</i> , 2021 , 13, 1993513	8.8	4
559	Higher thyrotropin leads to unfavorable lipid profile and somewhat higher cardiovascular disease risk: evidence from multi-cohort Mendelian randomization and metabolomic profiling. <i>BMC Medicine</i> , 2021 , 19, 266	11.4	3
558	IL-1 family cytokines as drivers and inhibitors of trained immunity. <i>Cytokine</i> , 2021 , 150, 155773	4	8
557	Characterization of gut microbial structural variations as determinants of human bile acid metabolism. <i>Cell Host and Microbe</i> , 2021 , 29, 1802-1814.e5	23.4	6
556	An integrative genomics approach identifies KDM4 as a modulator of trained immunity. <i>European Journal of Immunology</i> , 2021 ,	6.1	1
555	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	10.6	3
554	ESCAPE: An Open-Label Trial of Personalized Immunotherapy in Critically Ill COVID-19 Patients. <i>Journal of Innate Immunity</i> , 2021 , 1-11	6.9	3
553	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,	11.5	9
552	Transmission of trained immunity and heterologous resistance to infections across generations. <i>Nature Immunology</i> , 2021 , 22, 1382-1390	19.1	19

551	Induction of trained immunity by influenza vaccination - impact on COVID-19. <i>PLoS Pathogens</i> , 2021 , 17, e1009928	7.6	12
550	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	8.4	1
549	In response to the Letter to the Editor by Ould Setti and Ould Setti RE: Non-specific Effects of vaccines and stunting: Timing May Be Essential <i>EBioMedicine</i> , 2021 , 73, 103606	8.8	
548	Trained Immunity: Long-Term Adaptation in Innate Immune Responses. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 55-61	9.4	6
547	A modular approach toward producing nanotherapeutics targeting the innate immune system. <i>Science Advances</i> , 2021 , 7,	14.3	9
546	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	1.4	
545	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	5.6	5
544	Long-term treated HIV infection is associated with platelet mitochondrial dysfunction. <i>Scientific Reports</i> , 2021 , 11, 6246	4.9	4
543	Prosaposin mediates inflammation in atherosclerosis. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	7
542	Immunomodulatory aged neutrophils are augmented in blood and skin of psoriasis patients. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 148, 1030-1040	11.5	3
541	induction of trained immunity in adherent human monocytes. <i>STAR Protocols</i> , 2021 , 2, 100365	1.4	9
540	Tuberculosis endotypes to guide stratified host-directed therapy. <i>Med</i> , 2021 , 2, 217-232	31.7	6
539	B. burgdorferi 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	3.6	4
538	An open label trial of anakinra to prevent respiratory failure in COVID-19. <i>ELife</i> , 2021 , 10,	8.9	57
537	Resolving trained immunity with systems biology. <i>European Journal of Immunology</i> , 2021 , 51, 773-784	6.1	6
536	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	5.3	0
535	Data of common and species-specific transcriptional host responses to pathogenic fungi. <i>Data in Brief</i> , 2021 , 35, 106928	1.2	2
534	Glutathione Metabolism Contributes to the Induction of Trained Immunity. <i>Cells</i> , 2021 , 10,	7.9	8

533	Substance use, Unlike Dolutegravir, is Associated with Mood Symptoms in People Living with HIV. <i>AIDS and Behavior</i> , 2021 , 25, 4094-4101	4.3	
532	Chronic HIV infection induces transcriptional and functional reprogramming of innate immune cells. <i>JCI Insight</i> , 2021 , 6,	9.9	12
531	Bridging animal and clinical research during SARS-CoV-2 pandemic: A new-old challenge. <i>EBioMedicine</i> , 2021 , 66, 103291	8.8	9
530	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	8.4	5
529	Trained Immunity: Reprogramming Innate Immunity in Health and Disease. <i>Annual Review of Immunology</i> , 2021 , 39, 667-693	34.7	40
528	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	3.6	1
527	Immune cells fold and damage fungal hyphae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
526	The anti-inflammatory cytokine interleukin-37 is an inhibitor of trained immunity. <i>Cell Reports</i> , 2021 , 35, 108955	10.6	20
525	Neuraminidase and SIGLEC15 modulate the host defense against pulmonary aspergillosis. <i>Cell Reports Medicine</i> , 2021 , 2, 100289	18	7
524	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021 , 594, 265-270	50.4	89
523	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> , 2021 ,	11.5	20
522	Abnormal Thyroid Function Is Associated With Lymphopenia in Bacterial Sepsis and COVID-19. <i>Journal of the Endocrine Society</i> , 2021 , 5, A835-A836	0.4	78
521	Impact of rare and common genetic variation in the interleukin-1 pathway on human cytokine responses. <i>Genome Medicine</i> , 2021 , 13, 94	14.4	1
520	Genetic Variation in PFKFB3 Impairs Antifungal Immunometabolic Responses and Predisposes to Invasive Pulmonary Aspergillosis. <i>MBio</i> , 2021 , 12, e0036921	7.8	1
519	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,	11.5	29
518	IL-1R1-Dependent Signals Improve Control of Cytosolic Virulent Mycobacteria. <i>MSphere</i> , 2021 , 6,	5	1
517	Pro-inflammatory Monocyte Phenotype During Acute Progression of Cerebral Small Vessel Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 639361	5.4	0
516	Plasmatic Coagulation Capacity Correlates With Inflammation and Abacavir Use During Chronic HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021 , 87, 711-719	3.1	1

515	Oncogene-induced maladaptive activation of trained immunity in the pathogenesis and treatment of Erdheim-Chester disease. <i>Blood</i> , 2021 , 138, 1554-1569	2.2	2
514	Immune memory in individuals with COVID-19. <i>Nature Cell Biology</i> , 2021 , 23, 582-584	23.4	4
513	Altered Cytokine Responses in Children With Asymptomatic Infection in Burkina Faso: An Additional Argument to Treat Asymptomatic Malaria?. <i>Frontiers in Immunology</i> , 2021 , 12, 614817	8.4	1
512	The COVID-19 puzzle: deciphering pathophysiology and phenotypes of a new disease entity. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 622-642	35.1	121
511	BCG turns 100: its nontraditional uses against viruses, cancer, and immunologic diseases. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	10
510	Increased sTREM-1 plasma concentrations are associated with poor clinical outcomes in patients with COVID-19. <i>Bioscience Reports</i> , 2021 , 41,	4.1	4
509	Genome of Peñera Muierii skull shows high diversity and low mutational load in pre-glacial Europe. <i>Current Biology</i> , 2021 , 31, 2973-2983.e9	6.3	3
508	Assessing the effect of BCG revaccination on long-term mortality. <i>Lancet Infectious Diseases</i> , 2021 , 21, 1481-1483	25.5	1
507	COVID-19-associated Aspergillus tracheobronchitis: the interplay between viral tropism, host defence, and fungal invasion. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 795-802	35.1	21
506	Coronavirus Disease 2019 as Cause of Viral Sepsis: A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2021 , 49, 2042-2057	1.4	9
505	Challenges and Opportunities in Understanding Genetics of Fungal Diseases: Towards a Functional Genomics Approach. <i>Infection and Immunity</i> , 2021 , 89, e0000521	3.7	1
504	Common gene variants within 3' untranslated regions as modulators of multiple myeloma risk and survival. <i>International Journal of Cancer</i> , 2021 , 148, 1887-1894	7.5	1
503	Immunometabolic control of trained immunity. <i>Molecular Aspects of Medicine</i> , 2021 , 77, 100897	16.7	23
502	The Intersection of Epigenetics and Metabolism in Trained Immunity. <i>Immunity</i> , 2021 , 54, 32-43	32.3	33
501	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021 , 22, 2-6	19.1	85
500	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,	15.1	31
499	Cerebrospinal fluid IL-1 β s elevated in tuberculous meningitis patients but not associated with mortality. <i>Tuberculosis</i> , 2021 , 126, 102019	2.6	3
498	Shared DNA methylation signatures in childhood allergy: The MeDALL study. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 1031-1040	11.5	5

497	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	6.1	12
496	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	5.5	14
495	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	6.8	4
494	Postinfectious Epigenetic Immune Modifications - A Double-Edged Sword. <i>New England Journal of Medicine</i> , 2021 , 384, 261-270	59.2	12
493	An integrative model of cardiometabolic traits identifies two types of metabolic syndrome. <i>ELife</i> , 2021 , 10,	8.9	1
492	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , 2021 , 13, 7	14.4	73
491	BCG vaccination in health care providers and the protection against COVID-19. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	15
490	IL-38 prevents induction of trained immunity by inhibition of mTOR signaling. <i>Journal of Leukocyte Biology</i> , 2021 , 110, 907-915	6.5	9
489	Thyrotrophin and thyroxine support immune homeostasis in humans. <i>Immunology</i> , 2021 , 163, 155-168	7.8	5
488	Caloric Restriction Promotes Immunometabolic Reprogramming Leading to Protection from Tuberculosis. <i>Cell Metabolism</i> , 2021 , 33, 300-318.e12	24.6	12
487	Systemic administration of β -glucan induces immune training in microglia. <i>Journal of Neuroinflammation</i> , 2021 , 18, 57	10.1	5
486	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	19.1	13
485	Dysregulated Innate and Adaptive Immune Responses Discriminate Disease Severity in COVID-19. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1322-1333	7	24
484	Reduced thyroxine production in young household contacts of tuberculosis patients increases active tuberculosis disease risk. <i>JCI Insight</i> , 2021 , 6,	9.9	1
483	Human Newborn Monocytes Demonstrate Distinct BCG-Induced Primary and Trained Innate Cytokine Production and Metabolic Activation. <i>Frontiers in Immunology</i> , 2021 , 12, 674334	8.4	3
482	BCG-induced non-specific effects on heterologous infectious disease in Ugandan neonates: an investigator-blind randomised controlled trial. <i>Lancet Infectious Diseases</i> , 2021 , 21, 993-1003	25.5	33
481	Integration of metabolomics, genomics, and immune phenotypes reveals the causal roles of metabolites in disease. <i>Genome Biology</i> , 2021 , 22, 198	18.3	6
480	Seasonal and Nonseasonal Longitudinal Variation of Immune Function. <i>Journal of Immunology</i> , 2021 , 207, 696-708	5.3	5

479	An Explorative Study on Monocyte Reprogramming in the Context of Periodontitis and. <i>Frontiers in Immunology</i> , 2021 , 12, 695227	8.4	2
478	Gut microbiome-mediated metabolism effects on immunity in rural and urban African populations. <i>Nature Communications</i> , 2021 , 12, 4845	17.4	4
477	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	8.4	2
476	Uncoupling of IL-6 signaling and LC3-associated phagocytosis drives immunoparalysis during sepsis. <i>Cell Host and Microbe</i> , 2021 , 29, 1277-1293.e6	23.4	5
475	The role of sirtuin 1 on the induction of trained immunity. <i>Cellular Immunology</i> , 2021 , 366, 104393	4.4	1
474	Hepatitis C Virus Reactivation Following COVID-19 Vaccination - A Case Report. <i>International Medical Case Reports Journal</i> , 2021 , 14, 573-576	1	2
473	The Immunological Factors Predisposing to Severe Covid-19 Are Already Present in Healthy Elderly and Men. <i>Frontiers in Immunology</i> , 2021 , 12, 720090	8.4	2
472	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	12.7	4
471	Invasive pulmonary aspergillosis associated with viral pneumonitis. <i>Current Opinion in Microbiology</i> , 2021 , 62, 21-27	7.9	8
470	The epigenetic ghost of infections past. <i>Nature Reviews Immunology</i> , 2021 , 21, 622-623	36.5	0
469	Trained Immunity as a Preventive Measure for Surgical Site Infections. <i>Clinical Microbiology Reviews</i> , 2021 , e0004921	34	3
468	Evolution of cytokine production capacity in ancient and modern European populations. <i>ELife</i> , 2021 , 10,	8.9	7
467	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 ^{50.5}	50.5	93
466	The role of IL-32 in Bacillus Calmette-Guérin (BCG)-induced trained immunity in infections caused by different Leishmania spp. <i>Microbial Pathogenesis</i> , 2021 , 158, 105088	3.8	2
465	Hyperglycemia Induces Trained Immunity in Macrophages and Their Precursors and Promotes Atherosclerosis. <i>Circulation</i> , 2021 , 144, 961-982	16.7	18
464	The influence of the gut microbiome on BCG-induced trained immunity. <i>Genome Biology</i> , 2021 , 22, 275	18.3	3
463	100 years of Mycobacterium bovis bacille Calmette-Guérin. <i>Lancet Infectious Diseases</i> , The , 2021 ,	25.5	13
462	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	31.7	7

461	Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. <i>Lancet Rheumatology, The</i> , 2021 , 3, e690-e697	14.2	38
460	Lysine methyltransferase G9a is an important modulator of trained immunity. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1253	6.8	7
459	Stronger induction of trained immunity by mucosal BCG or MTBVAC vaccination compared to standard intradermal vaccination. <i>Cell Reports Medicine</i> , 2021 , 2, 100185	18	16
458	Hyperglycemic Memory of Innate Immune Cells Promotes In Vitro Proinflammatory Responses of Human Monocytes and Murine Macrophages. <i>Journal of Immunology</i> , 2021 , 206, 807-813	5.3	9
457	Reactivation of BCG vaccination scars after vaccination with mRNA-Covid-vaccines: two case reports.. <i>BMC Infectious Diseases</i> , 2021 , 21, 1264	4	2
456	Aldosterone induces trained immunity: the role of fatty acid synthesis. <i>Cardiovascular Research</i> , 2020 , 116, 317-328	9.9	28
455	Early Clearance of Mycobacterium tuberculosis Is Associated With Increased Innate Immune Responses. <i>Journal of Infectious Diseases</i> , 2020 , 221, 1342-1350	7	35
454	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	11.6	25
453	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	6.7	2
452	Anakinra treatment in critically ill COVID-19 patients: a prospective cohort study. <i>Critical Care</i> , 2020 , 24, 688	10.8	56
451	CRELD1 modulates homeostasis of the immune system in mice and humans. <i>Nature Immunology</i> , 2020 , 21, 1517-1527	19.1	3
450	Trained Immunity: a Tool for Reducing Susceptibility to and the Severity of SARS-CoV-2 Infection. <i>Cell</i> , 2020 , 181, 969-977	56.2	237
449	BCG-induced trained immunity: can it offer protection against COVID-19?. <i>Nature Reviews Immunology</i> , 2020 , 20, 335-337	36.5	256
448	Growth on Carbohydrates from Carbonaceous Meteorites Alters the Immunogenicity of Environment-Derived Bacterial Pathogens. <i>Astrobiology</i> , 2020 , 20, 1353-1362	3.7	1
447	Phagosomal removal of fungal melanin reprograms macrophage metabolism to promote antifungal immunity. <i>Nature Communications</i> , 2020 , 11, 2282	17.4	29
446	Favorable Anakinra Responses in Severe Covid-19 Patients with Secondary Hemophagocytic Lymphohistiocytosis. <i>Cell Host and Microbe</i> , 2020 , 28, 117-123.e1	23.4	158
445	β-Glucan Induces Protective Trained Immunity against Mycobacterium tuberculosis Infection: A Key Role for IL-1. <i>Cell Reports</i> , 2020 , 31, 107634	10.6	61
444	Roles of Trained Immunity in the Pathogenesis of Cholangiopathies: A Therapeutic Target. <i>Hepatology</i> , 2020 , 72, 1838-1850	11.2	8

443	A Potential Role for Epigenetically Mediated Trained Immunity in Food Allergy. <i>IScience</i> , 2020 , 23, 101176.1	12
442	Sex-Specific Regulation of Inflammation and Metabolic Syndrome in Obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1787-1800	9.4 29
441	Deconvolution of bulk blood eQTL effects into immune cell subpopulations. <i>BMC Bioinformatics</i> , 2020 , 21, 243	3.6 15
440	BCG Vaccination in Humans Elicits Trained Immunity via the Hematopoietic Progenitor Compartment. <i>Cell Host and Microbe</i> , 2020 , 28, 322-334.e5	23.4 119
439	The effect of BCG vaccination on alveolar macrophages obtained from induced sputum from healthy volunteers. <i>Cytokine</i> , 2020 , 133, 155135	4 3
438	Platelet Integrin α IIb β Activation is Associated with 25-Hydroxyvitamin D Concentrations in Healthy Adults. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 768-775	7 1
437	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. <i>Trials</i> , 2020 , 21, 481	2.8 19
436	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	4.9 7
435	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	2.4 25
434	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , 2020 , 20, 375-388	585 587
433	BCG-Induced Trained Immunity in Healthy Individuals: The Effect of Plasma Muramyl Dipeptide Concentrations. <i>Journal of Immunology Research</i> , 2020 , 2020, 5812743	4.5 15
432	Impact of comorbidities on the performance of interferon-gamma release assay in an elderly Greek population without overt immunodeficiency. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106073	14.3 1
431	Epitope Shaving Promotes Fungal Immune Evasion. <i>MBio</i> , 2020 , 11,	7.8 16
430	Primary immunodeficiencies in cytosolic pattern-recognition receptor pathways: Toward host-directed treatment strategies. <i>Immunological Reviews</i> , 2020 , 297, 247-272	11.3 6
429	Recent Common Origin, Reduced Population Size, and Marked Admixture Have Shaped European Roma Genomes. <i>Molecular Biology and Evolution</i> , 2020 , 37, 3175-3187	8.3 4
428	Trained Immunity: Linking Obesity and Cardiovascular Disease across the Life-Course?. <i>Trends in Endocrinology and Metabolism</i> , 2020 , 31, 378-389	8.8 25
427	Monocytes from neonates and adults have a similar capacity to adapt their cytokine production after previous exposure to BCG and β -glucan. <i>PLoS ONE</i> , 2020 , 15, e0229287	3.7 15
426	<i>Borrelia burgdorferi</i> hijacks cellular metabolism of immune cells: Consequences for host defense. <i>Ticks and Tick-borne Diseases</i> , 2020 , 11, 101386	3.6 7

425	A joint effort: The interplay between the innate and the adaptive immune system in Lyme arthritis. <i>Immunological Reviews</i> , 2020 , 294, 63-79	11.3	5
424	Recurrent Vulvovaginal Candidiasis: An Immunological Perspective. <i>Microorganisms</i> , 2020 , 8,	4.9	37
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