

# Mihai Netea

## List of Publications by Citations

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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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
585	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.	10.2	2783
584	Trained immunity: A program of innate immune memory in health and disease. <i>Science</i> , <b>2016</b> , 352, aaf10983	33.3	1204
583	Complex Immune Dysregulation in COVID-19 Patients with Severe Respiratory Failure. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 992-1000.e3	23.4	1175
582	mTOR- and HIF-1 $\beta$ -mediated aerobic glycolysis as metabolic basis for trained immunity. <i>Science</i> , <b>2014</b> , 345, 1250684	33.3	1020
581	The Human Cell Atlas. <i>ELife</i> , <b>2017</b> , 6,	8.9	937
580	Population-based metagenomics analysis reveals markers for gut microbiome composition and diversity. <i>Science</i> , <b>2016</b> , 352, 565-9	33.3	929
579	Bacille Calmette-Guerin induces NOD2-dependent nonspecific protection from reinfection via epigenetic reprogramming of monocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 17537-42	11.5	919
578	Epigenetic programming of monocyte-to-macrophage differentiation and trained innate immunity. <i>Science</i> , <b>2014</b> , 345, 1251086	33.3	870
577	Trained immunity: a memory for innate host defense. <i>Cell Host and Microbe</i> , <b>2011</b> , 9, 355-61	23.4	810
576	An integrated model of the recognition of <i>Candida albicans</i> by the innate immune system. <i>Nature Reviews Microbiology</i> , <b>2008</b> , 6, 67-78	22.2	679
575	The immunopathology of sepsis and potential therapeutic targets. <i>Nature Reviews Immunology</i> , <b>2017</b> , 17, 407-420	36.5	671
574	<i>Candida albicans</i> infection affords protection against reinfection via functional reprogramming of monocytes. <i>Cell Host and Microbe</i> , <b>2012</b> , 12, 223-32	23.4	654
573	Differential requirement for the activation of the inflammasome for processing and release of IL-1 $\beta$ in monocytes and macrophages. <i>Blood</i> , <b>2009</b> , 113, 2324-35	2.2	599
572	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 375-388	33.3	587
571	Immune sensing of <i>Candida albicans</i> requires cooperative recognition of mannans and glucans by lectin and Toll-like receptors. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 1642-50	15.9	548
570	BCG Vaccination Protects against Experimental Viral Infection in Humans through the Induction of Cytokines Associated with Trained Immunity. <i>Cell Host and Microbe</i> , <b>2018</b> , 23, 89-100.e5	23.4	537

569	Toll-like receptor 2 suppresses immunity against <i>Candida albicans</i> through induction of IL-10 and regulatory T cells. <i>Journal of Immunology</i> , <b>2004</b> , 172, 3712-8	5.3	511
568	Inflammasome is a central player in the induction of obesity and insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 15324-9	11.5	509
567	Linking the Human Gut Microbiome to Inflammatory Cytokine Production Capacity. <i>Cell</i> , <b>2016</b> , 167, 1125-1136.e8	56.2	497
566	Western Diet Triggers NLRP3-Dependent Innate Immune Reprogramming. <i>Cell</i> , <b>2018</b> , 172, 162-175.e14	56.2	435
565	The effect of host genetics on the gut microbiome. <i>Nature Genetics</i> , <b>2016</b> , 48, 1407-1412	36.3	434
564	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. <i>Cell</i> , <b>2018</b> , 172, 147-161.e12	56.2	417
563	Glutaminolysis and Fumarate Accumulation Integrate Immunometabolic and Epigenetic Programs in Trained Immunity. <i>Cell Metabolism</i> , <b>2016</b> , 24, 807-819	24.6	398
562	The role of toll-like receptor (TLR) 2 and TLR4 in the host defense against disseminated candidiasis. <i>Journal of Infectious Diseases</i> , <b>2002</b> , 185, 1483-9	7	388
561	Causal relationships among the gut microbiome, short-chain fatty acids and metabolic diseases. <i>Nature Genetics</i> , <b>2019</b> , 51, 600-605	36.3	378
560	Presence of Genetic Variants Among Young Men With Severe COVID-19. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 324, 663-673	27.4	375
559	IL-1beta processing in host defense: beyond the inflammasomes. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000661	7.6	354
558	A small jab - a big effect: nonspecific immunomodulation by vaccines. <i>Trends in Immunology</i> , <b>2013</b> , 34, 431-9	14.4	315
557	Metabolic Induction of Trained Immunity through the Mevalonate Pathway. <i>Cell</i> , <b>2018</b> , 172, 135-146.e9	56.2	314
556	Oxidized low-density lipoprotein induces long-term proinflammatory cytokine production and foam cell formation via epigenetic reprogramming of monocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 1731-8	9.4	312
555	Broad defects in the energy metabolism of leukocytes underlie immunoparalysis in sepsis. <i>Nature Immunology</i> , <b>2016</b> , 17, 406-13	19.1	304
554	Immunometabolic Pathways in BCG-Induced Trained Immunity. <i>Cell Reports</i> , <b>2016</b> , 17, 2562-2571	10.6	299
553	A guiding map for inflammation. <i>Nature Immunology</i> , <b>2017</b> , 18, 826-831	19.1	284
552	Immune defence against <i>Candida</i> fungal infections. <i>Nature Reviews Immunology</i> , <b>2015</b> , 15, 630-42	36.5	283

551	β-Glucan Reverses the Epigenetic State of LPS-Induced Immunological Tolerance. <i>Cell</i> , <b>2016</b> , 167, 1354-1362	14.8	283
550	Genetic variation in Toll-like receptors and disease susceptibility. <i>Nature Immunology</i> , <b>2012</b> , 13, 535-42	19.1	259
549	Oxidized Phospholipids on Lipoprotein(a) Elicit Arterial Wall Inflammation and an Inflammatory Monocyte Response in Humans. <i>Circulation</i> , <b>2016</b> , 134, 611-24	16.7	257
548	BCG-induced trained immunity: can it offer protection against COVID-19?. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 335-337	36.5	256
547	<i>Aspergillus fumigatus</i> evades immune recognition during germination through loss of toll-like receptor-4-mediated signal transduction. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 188, 320-6	7	251
546	IL-32 synergizes with nucleotide oligomerization domain (NOD) 1 and NOD2 ligands for IL-1β and IL-6 production through a caspase 1-dependent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 16309-14	11.5	249
545	BCG-induced trained immunity in NK cells: Role for non-specific protection to infection. <i>Clinical Immunology</i> , <b>2014</b> , 155, 213-9	9	248
544	Host and Environmental Factors Influencing Individual Human Cytokine Responses. <i>Cell</i> , <b>2016</b> , 167, 1111-1124	16.1	247
543	IL-38 binds to the IL-36 receptor and has biological effects on immune cells similar to IL-36 receptor antagonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3001-5	11.5	242
542	Trained Immunity: a Tool for Reducing Susceptibility to and the Severity of SARS-CoV-2 Infection. <i>Cell</i> , <b>2020</b> , 181, 969-977	56.2	237
541	Derived immune and ancestral pigmentation alleles in a 7,000-year-old Mesolithic European. <i>Nature</i> , <b>2014</b> , 507, 225-8	50.4	235
540	Modulation of inflammation by autophagy: Consequences for human disease. <i>Autophagy</i> , <b>2016</b> , 12, 245-60	60.2	222
539	Non-specific effects of BCG vaccine on viral infections. <i>Clinical Microbiology and Infection</i> , <b>2019</b> , 25, 1473-1478	14.78	219
538	Does the shape of lipid A determine the interaction of LPS with Toll-like receptors?. <i>Trends in Immunology</i> , <b>2002</b> , 23, 135-9	14.4	217
537	Considering BCG vaccination to reduce the impact of COVID-19. <i>Lancet, The</i> , <b>2020</b> , 395, 1545-1546	40	210
536	<i>Aspergillus fumigatus</i> morphology and dynamic host interactions. <i>Nature Reviews Microbiology</i> , <b>2017</b> , 15, 661-674	22.2	208
535	Engagement of fatty acids with Toll-like receptor 2 drives interleukin-1β production via the ASC/caspase 1 pathway in monosodium urate monohydrate crystal-induced gouty arthritis. <i>Arthritis and Rheumatism</i> , <b>2010</b> , 62, 3237-48		208
534	Toll-like receptors and the host defense against microbial pathogens: bringing specificity to the innate-immune system. <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 75, 749-55	6.5	207

533	NOD2 mediates anti-inflammatory signals induced by TLR2 ligands: implications for Crohn's disease. <i>European Journal of Immunology</i> , <b>2004</b> , 34, 2052-9	6.1	194
532	Fungal chitin dampens inflammation through IL-10 induction mediated by NOD2 and TLR9 activation. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004050	7.6	185
531	Kallikrein-kinin blockade in patients with COVID-19 to prevent acute respiratory distress syndrome. <i>ELife</i> , <b>2020</b> , 9,	8.9	174
530	Innate and Adaptive Immune Memory: an Evolutionary Continuum in the Host's Response to Pathogens. <i>Cell Host and Microbe</i> , <b>2019</b> , 25, 13-26	23.4	171
529	Trained immunity or tolerance: opposing functional programs induced in human monocytes after engagement of various pattern recognition receptors. <i>Vaccine Journal</i> , <b>2014</b> , 21, 534-45		170
528	Therapeutic targeting of trained immunity. <i>Nature Reviews Drug Discovery</i> , <b>2019</b> , 18, 553-566	64.1	169
527	Human TLR10 is an anti-inflammatory pattern-recognition receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E4478-84	11.5	168
526	Mycobacterium tuberculosis induces interleukin-32 production through a caspase-1/IL-18/interferon-gamma-dependent mechanism. <i>PLoS Medicine</i> , <b>2006</b> , 3, e277	11.6	165
525	A Functional Genomics Approach to Understand Variation in Cytokine Production in Humans. <i>Cell</i> , <b>2016</b> , 167, 1099-1110.e14	56.2	163
524	Proinflammatory cytokines and sepsis syndrome: not enough, or too much of a good thing?. <i>Trends in Immunology</i> , <b>2003</b> , 24, 254-8	14.4	162
523	Favorable Anakinra Responses in Severe Covid-19 Patients with Secondary Hemophagocytic Lymphohistiocytosis. <i>Cell Host and Microbe</i> , <b>2020</b> , 28, 117-123.e1	23.4	158
522	Innate immune memory: towards a better understanding of host defense mechanisms. <i>Current Opinion in Immunology</i> , <b>2014</b> , 29, 1-7	7.8	158
521	Microbial stimulation of different Toll-like receptor signalling pathways induces diverse metabolic programmes in human monocytes. <i>Nature Microbiology</i> , <b>2016</b> , 2, 16246	26.6	157
520	IL-17/IL-6/CRP and IL-18/ferritin: Distinct Inflammatory Programs in Infections. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005973	7.6	157
519	In Vitro Experimental Model of Trained Innate Immunity in Human Primary Monocytes. <i>Vaccine Journal</i> , <b>2016</b> , 23, 926-933		154
518	Harnessing the beneficial heterologous effects of vaccination. <i>Nature Reviews Immunology</i> , <b>2016</b> , 16, 392-400	36.5	148
517	Trained Immunity: An Ancient Way of Remembering. <i>Cell Host and Microbe</i> , <b>2017</b> , 21, 297-300	23.4	147
516	Interferon-gamma as adjunctive immunotherapy for invasive fungal infections: a case series. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14, 166	4	147

515	Inherited CARD9 deficiency in otherwise healthy children and adults with <i>Candida</i> species-induced meningoenzephalitis, colitis, or both. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 1558-68.e2	11.5	143
514	Metabolic changes in tumor cells and tumor-associated macrophages: A mutual relationship. <i>Cancer Letters</i> , <b>2018</b> , 413, 102-109	9.9	143
513	IL-37 protects against obesity-induced inflammation and insulin resistance. <i>Nature Communications</i> , <b>2014</b> , 5, 4711	17.4	143
512	From the Th1/Th2 paradigm towards a Toll-like receptor/T-helper bias. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 3991-6	5.9	143
511	The Itaconate Pathway Is a Central Regulatory Node Linking Innate Immune Tolerance and Trained Immunity. <i>Cell Metabolism</i> , <b>2019</b> , 29, 211-220.e5	24.6	141
510	Metabolism impacts upon <i>Candida</i> immunogenicity and pathogenicity at multiple levels. <i>Trends in Microbiology</i> , <b>2014</b> , 22, 614-22	12.4	138
509	Trained innate immunity as underlying mechanism for the long-term, nonspecific effects of vaccines. <i>Journal of Leukocyte Biology</i> , <b>2015</b> , 98, 347-56	6.5	134
508	Endogenous interleukin (IL)-1 alpha and IL-1 beta are crucial for host defense against disseminated candidiasis. <i>Journal of Infectious Diseases</i> , <b>2006</b> , 193, 1419-26	7	133
507	Activate: Randomized Clinical Trial of BCG Vaccination against Infection in the Elderly. <i>Cell</i> , <b>2020</b> , 183, 315-323.e9	56.2	131
506	Gut microbiome in ADHD and its relation to neural reward anticipation. <i>PLoS ONE</i> , <b>2017</b> , 12, e0183509	3.7	130
505	Safety and Efficacy of Anakinra in Severe Hidradenitis Suppurativa: A Randomized Clinical Trial. <i>JAMA Dermatology</i> , <b>2016</b> , 152, 52-59	5.1	129
504	Interleukin-32 induces the differentiation of monocytes into macrophage-like cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 3515-20	11.5	129
503	<i>Aspergillus</i> Cell Wall Melanin Blocks LC3-Associated Phagocytosis to Promote Pathogenicity. <i>Cell Host and Microbe</i> , <b>2016</b> , 19, 79-90	23.4	127
502	Soluble uric acid primes TLR-induced proinflammatory cytokine production by human primary cells via inhibition of IL-1Ra. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 755-62	2.4	122
501	The COVID-19 puzzle: deciphering pathophysiology and phenotypes of a new disease entity. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, 622-642	35.1	121
500	BCG Vaccination in Humans Elicits Trained Immunity via the Hematopoietic Progenitor Compartment. <i>Cell Host and Microbe</i> , <b>2020</b> , 28, 322-334.e5	23.4	119
499	DNA methylation in childhood asthma: an epigenome-wide meta-analysis. <i>Lancet Respiratory Medicine</i> , <b>2018</b> , 6, 379-388	35.1	119
498	Heterologous immunological effects of early BCG vaccination in low-birth-weight infants in Guinea-Bissau: a randomized-controlled trial. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 211, 956-67	7	118

497	Non-specific effects of vaccines: Current evidence and potential implications. <i>Seminars in Immunology</i> , <b>2018</b> , 39, 35-43	10.7	117
496	Autophagy controls BCG-induced trained immunity and the response to intravesical BCG therapy for bladder cancer. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004485	7.6	117
495	Epigenetics and Trained Immunity. <i>Antioxidants and Redox Signaling</i> , <b>2018</b> , 29, 1023-1040	8.4	115
494	Toll-like receptors and chronic inflammation in rheumatic diseases: new developments. <i>Nature Reviews Rheumatology</i> , <b>2016</b> , 12, 344-57	8.1	114
493	Immunometabolic circuits in trained immunity. <i>Seminars in Immunology</i> , <b>2016</b> , 28, 425-430	10.7	111
492	Trained Immunity-Based Vaccines: A New Paradigm for the Development of Broad-Spectrum Anti-infectious Formulations. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2936	8.4	109
491	Recognition of DHN-melanin by a C-type lectin receptor is required for immunity to <i>Aspergillus</i> . <i>Nature</i> , <b>2018</b> , 555, 382-386	50.4	107
490	Population genomics of Mesolithic Scandinavia: Investigating early postglacial migration routes and high-latitude adaptation. <i>PLoS Biology</i> , <b>2018</b> , 16, e2003703	9.7	107
489	Salmonella septicemia in rheumatoid arthritis patients receiving anti-tumor necrosis factor therapy: association with decreased interferon-gamma production and Toll-like receptor 4 expression. <i>Arthritis and Rheumatism</i> , <b>2003</b> , 48, 1853-7		106
488	Inter-individual variability and genetic influences on cytokine responses to bacteria and fungi. <i>Nature Medicine</i> , <b>2016</b> , 22, 952-60	50.5	106
487	Training innate immunity: the changing concept of immunological memory in innate host defence. <i>European Journal of Clinical Investigation</i> , <b>2013</b> , 43, 881-4	4.6	103
486	Trained immunity: A smart way to enhance innate immune defence. <i>Molecular Immunology</i> , <b>2015</b> , 68, 40-4	4.3	101
485	Innate immune mechanisms for recognition and uptake of <i>Candida</i> species. <i>Trends in Immunology</i> , <b>2010</b> , 31, 346-53	14.4	101
484	Effect of Vegan Fecal Microbiota Transplantation on Carnitine- and Choline-Derived Trimethylamine-N-Oxide Production and Vascular Inflammation in Patients With Metabolic Syndrome. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	100
483	Differential Effects of Environmental and Genetic Factors on T and B Cell Immune Traits. <i>Cell Reports</i> , <b>2016</b> , 17, 2474-2487	10.6	100
482	Innate immune cell activation and epigenetic remodeling in symptomatic and asymptomatic atherosclerosis in humans <i>in vivo</i> . <i>Atherosclerosis</i> , <b>2016</b> , 254, 228-236	3.1	99
481	Innate immune memory: An evolutionary perspective. <i>Immunological Reviews</i> , <b>2018</b> , 283, 21-40	11.3	98
480	Unique metabolic activation of adipose tissue macrophages in obesity promotes inflammatory responses. <i>Diabetologia</i> , <b>2018</b> , 61, 942-953	10.3	97

479	A polysaccharide virulence factor from <i>Aspergillus fumigatus</i> elicits anti-inflammatory effects through induction of Interleukin-1 receptor antagonist. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003936	7.6	97
478	Immunological memory: lessons from the past and a look to the future. <i>Nature Reviews Immunology</i> , <b>2016</b> , 16, 124-8	36.5	96
477	Non-LPS components of <i>Chlamydia pneumoniae</i> stimulate cytokine production through Toll-like receptor 2-dependent pathways. <i>European Journal of Immunology</i> , <b>2002</b> , 32, 1188-95	6.1	96
476	Mycobacterial growth inhibition is associated with trained innate immunity. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 1837-1851	15.9	96
475	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. <i>Immunity</i> , <b>2018</b> , 49, 819-828.e6	32.3	95
474	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> , <b>2021</b> , 27, 1752-1760 <sup>50.5</sup>	50.5	93
473	The Potential Role of Trained Immunity in Autoimmune and Autoinflammatory Disorders. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 298	8.4	92
472	Monocyte and macrophage immunometabolism in atherosclerosis. <i>Seminars in Immunopathology</i> , <b>2018</b> , 40, 203-214	12	91
471	BCG-induced protection: effects on innate immune memory. <i>Seminars in Immunology</i> , <b>2014</b> , 26, 512-7	10.7	91
470	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , <b>2021</b> , 594, 265-270 <sup>50.4</sup>	50.4	89
469	Genomic analysis of Andamanese provides insights into ancient human migration into Asia and adaptation. <i>Nature Genetics</i> , <b>2016</b> , 48, 1066-70	36.3	88
468	Current gaps in sepsis immunology: new opportunities for translational research. <i>Lancet Infectious Diseases, The</i> , <b>2019</b> , 19, e422-e436	25.5	88
467	Specific and Complex Reprogramming of Cellular Metabolism in Myeloid Cells during Innate Immune Responses. <i>Cell Metabolism</i> , <b>2017</b> , 26, 142-156	24.6	88
466	Two patients with cryptococcal meningitis and idiopathic CD4 lymphopenia: defective cytokine production and reversal by recombinant interferon- gamma therapy. <i>Clinical Infectious Diseases</i> , <b>2004</b> , 39, e83-7	11.6	88
465	COVID-19-Associated Candidiasis (CAC): An Underestimated Complication in the Absence of Immunological Predispositions?. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	88
464	Outcomes of controlled human malaria infection after BCG vaccination. <i>Nature Communications</i> , <b>2019</b> , 10, 874	17.4	87
463	Rewiring cellular metabolism via the AKT/mTOR pathway contributes to host defence against <i>Mycobacterium tuberculosis</i> in human and murine cells. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 2574-2586 <sup>6.1</sup>	6.1	87
462	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , <b>2020</b> , 183, 771-785.e12	56.2	86



461	The Inhibitory Innate Immune Sensor NLRP12 Maintains a Threshold against Obesity by Regulating Gut Microbiota Homeostasis. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 364-378.e6	23.4	86
460	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , <b>2021</b> , 22, 2-6	19.1	85
459	Physiological and Genetic Adaptations to Diving in Sea Nomads. <i>Cell</i> , <b>2018</b> , 173, 569-580.e15	56.2	82
458	Ubiquitin Ligase TRIM62 Regulates CARD9-Mediated Anti-fungal Immunity and Intestinal Inflammation. <i>Immunity</i> , <b>2015</b> , 43, 715-26	32.3	80
457	Treatment with Statins Does Not Revert Trained Immunity in Patients with Familial Hypercholesterolemia. <i>Cell Metabolism</i> , <b>2019</b> , 30, 1-2	24.6	78
456	Abnormal Thyroid Function Is Associated With Lymphopenia in Bacterial Sepsis and COVID-19. <i>Journal of the Endocrine Society</i> , <b>2021</b> , 5, A835-A836	0.4	78
455	Gut Microbial Associations to Plasma Metabolites Linked to Cardiovascular Phenotypes and Risk. <i>Circulation Research</i> , <b>2019</b> , 124, 1808-1820	15.7	77
454	Long-term reprogramming of the innate immune system. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 105, 329-338	38.5	77
453	The IL-36 receptor pathway regulates <i>Aspergillus fumigatus</i> -induced Th1 and Th17 responses. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 416-26	6.1	77
452	Trained immunity: consequences for the heterologous effects of BCG vaccination. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2015</b> , 109, 29-35	2	76
451	Mortality in children with complicated severe acute malnutrition is related to intestinal and systemic inflammation: an observational cohort study. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 104, 1441-1449	7	76
450	Immunotherapeutic approaches to treatment of fungal diseases. <i>Lancet Infectious Diseases</i> , <b>2017</b> , 17, e393-e402	25.5	75
449	Immunodeficiency and genetic defects of pattern-recognition receptors. <i>New England Journal of Medicine</i> , <b>2011</b> , 364, 60-70	59.2	75
448	Role of TLR1 and TLR6 in the host defense against disseminated candidiasis. <i>FEMS Immunology and Medical Microbiology</i> , <b>2008</b> , 52, 118-23		75
447	Interleukin-1 $\beta$ in innate inflammation, autophagy and immunity. <i>Seminars in Immunology</i> , <b>2013</b> , 25, 416-24	10.7	74
446	Gain-of-function STAT1 mutations impair STAT3 activity in patients with chronic mucocutaneous candidiasis (CMC). <i>European Journal of Immunology</i> , <b>2015</b> , 45, 2834-46	6.1	73
445	Trained Innate Immunity, Epigenetics, and Covid-19. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 1078-1080	100	73
444	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , <b>2021</b> , 13, 7	14.4	73

443	The C-type lectin receptor CLECSF8/CLEC4D is a key component of anti-mycobacterial immunity. <i>Cell Host and Microbe</i> , <b>2015</b> , 17, 252-9	23.4	71
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