

# Mihai M Netea

## List of Publications by Citations

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372  
papers

42,821  
citations

102  
h-index

202  
g-index

414  
ext. papers

56,398  
ext. citations

14.5  
avg, IF

7.78  
L-index

#	Paper	IF	Citations
372	Hidden killers: human fungal infections. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 165rv13	17.5	2294
371	Trained immunity: A program of innate immune memory in health and disease. <i>Science</i> , <b>2016</b> , 352, aaf10983	33.3	1204
370	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
369	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
368	The Human Cell Atlas. <i>ELife</i> , <b>2017</b> , 6,	8.9	937
367	Population-based metagenomics analysis reveals markers for gut microbiome composition and diversity. <i>Science</i> , <b>2016</b> , 352, 565-9	33.3	929
366	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
365	Epigenetic programming of monocyte-to-macrophage differentiation and trained innate immunity. <i>Science</i> , <b>2014</b> , 345, 1251086	33.3	870
364	Trained immunity: a memory for innate host defense. <i>Cell Host and Microbe</i> , <b>2011</b> , 9, 355-61	23.4	810
363	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
362	The immunopathology of sepsis and potential therapeutic targets. <i>Nature Reviews Immunology</i> , <b>2017</b> , 17, 407-420	36.5	671
361	<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
360	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
359	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 375-388	33.3	587
358	Toll-like receptor 2 controls expansion and function of regulatory T cells. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 485-94	15.9	583
357	Human dectin-1 deficiency and mucocutaneous fungal infections. <i>New England Journal of Medicine</i> , <b>2009</b> , 361, 1760-7	59.2	573
356	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

355	Candida albicans morphogenesis and host defence: discriminating invasion from colonization. <i>Nature Reviews Microbiology</i> , <b>2011</b> , 10, 112-22	22.2	538
354	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
353	Toll-like receptor 2 suppresses immunity against Candida albicans through induction of IL-10 and regulatory T cells. <i>Journal of Immunology</i> , <b>2004</b> , 172, 3712-8	5.3	511
352	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
351	STAT1 mutations in autosomal dominant chronic mucocutaneous candidiasis. <i>New England Journal of Medicine</i> , <b>2011</b> , 365, 54-61	59.2	505
350	Linking the Human Gut Microbiome to Inflammatory Cytokine Production Capacity. <i>Cell</i> , <b>2016</b> , 167, 1125-1136.e17	51.3	497
349	Western Diet Triggers NLRP3-Dependent Innate Immune Reprogramming. <i>Cell</i> , <b>2018</b> , 172, 162-175.e14	56.2	435
348	The effect of host genetics on the gut microbiome. <i>Nature Genetics</i> , <b>2016</b> , 48, 1407-1412	36.3	434
347	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. <i>Cell</i> , <b>2018</b> , 172, 147-161.e12	56.2	417
346	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
345	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
344	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
343	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
342	Long-lasting effects of BCG vaccination on both heterologous Th1/Th17 responses and innate trained immunity. <i>Journal of Innate Immunity</i> , <b>2014</b> , 6, 152-8	6.9	324
341	A small jab - a big effect: nonspecific immunomodulation by vaccines. <i>Trends in Immunology</i> , <b>2013</b> , 34, 431-9	14.4	315
340	Metabolic Induction of Trained Immunity through the Mevalonate Pathway. <i>Cell</i> , <b>2018</b> , 172, 135-146.e9	56.2	314
339	Deficiency of interleukin-18 in mice leads to hyperphagia, obesity and insulin resistance. <i>Nature Medicine</i> , <b>2006</b> , 12, 650-6	50.5	314
338	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

337	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
336	Immunometabolic Pathways in BCG-Induced Trained Immunity. <i>Cell Reports</i> , <b>2016</b> , 17, 2562-2571	10.6	299
335	The C-type lectin DC-SIGN (CD209) is an antigen-uptake receptor for <i>Candida albicans</i> on dendritic cells. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 532-8	6.1	298
334	Syk kinase is required for collaborative cytokine production induced through Dectin-1 and Toll-like receptors. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 500-6	6.1	292
333	A guiding map for inflammation. <i>Nature Immunology</i> , <b>2017</b> , 18, 826-831	19.1	284
332	Immune defence against <i>Candida</i> fungal infections. <i>Nature Reviews Immunology</i> , <b>2015</b> , 15, 630-42	36.5	283
331	β-Glucan Reverses the Epigenetic State of LPS-Induced Immunological Tolerance. <i>Cell</i> , <b>2016</b> , 167, 1354-1362	36.2	283
330	Innate immune recognition of <i>Mycobacterium tuberculosis</i> . <i>Clinical and Developmental Immunology</i> , <b>2011</b> , 2011, 405310		280
329	IL-32, a proinflammatory cytokine in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 3298-303	11.5	278
328	The macrophage mannose receptor induces IL-17 in response to <i>Candida albicans</i> . <i>Cell Host and Microbe</i> , <b>2009</b> , 5, 329-40	23.4	271
327	Dectin-1 synergizes with TLR2 and TLR4 for cytokine production in human primary monocytes and macrophages. <i>Cellular Microbiology</i> , <b>2008</b> , 10, 2058-66	3.9	261
326	TLR4 polymorphisms, infectious diseases, and evolutionary pressure during migration of modern humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 16645-50	11.5	261
325	Genetic variation in Toll-like receptors and disease susceptibility. <i>Nature Immunology</i> , <b>2012</b> , 13, 535-42	19.1	259
324	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
323	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
322	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
321	Host and Environmental Factors Influencing Individual Human Cytokine Responses. <i>Cell</i> , <b>2016</b> , 167, 1111-1124	16.2	247
320	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

3 <sup>19</sup>	Inflammatory arthritis in caspase 1 gene-deficient mice: contribution of proteinase 3 to caspase 1-independent production of bioactive interleukin-1beta. <i>Arthritis and Rheumatism</i> , <b>2009</b> , 60, 3651-62		239
3 <sup>18</sup>	Immune recognition of <i>Candida albicans</i> beta-glucan by dectin-1. <i>Journal of Infectious Diseases</i> , <b>2007</b> , 196, 1565-71	7	239
3 <sup>17</sup>	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
3 <sup>16</sup>	IL-1 family nomenclature. <i>Nature Immunology</i> , <b>2010</b> , 11, 973	19.1	236
3 <sup>15</sup>	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
3 <sup>14</sup>	Considering BCG vaccination to reduce the impact of COVID-19. <i>Lancet, The</i> , <b>2020</b> , 395, 1545-1546	40	210
3 <sup>13</sup>	<i>Aspergillus fumigatus</i> morphology and dynamic host interactions. <i>Nature Reviews Microbiology</i> , <b>2017</b> , 15, 661-674	22.2	208
3 <sup>12</sup>	Engagement of fatty acids with Toll-like receptor 2 drives interleukin-1 $\beta$ 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
3 <sup>11</sup>	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
3 <sup>10</sup>	Early stop polymorphism in human DECTIN-1 is associated with increased candida colonization in hematopoietic stem cell transplant recipients. <i>Clinical Infectious Diseases</i> , <b>2009</b> , 49, 724-32	11.6	204
3 <sup>09</sup>	Dendritic cell interaction with <i>Candida albicans</i> critically depends on N-linked mannan. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 20590-9	5.4	174
3 <sup>08</sup>	Kallikrein-kinin blockade in patients with COVID-19 to prevent acute respiratory distress syndrome. <i>ELife</i> , <b>2020</b> , 9,	8.9	174
3 <sup>07</sup>	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
3 <sup>06</sup>	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
3 <sup>05</sup>	Therapeutic targeting of trained immunity. <i>Nature Reviews Drug Discovery</i> , <b>2019</b> , 18, 553-566	64.1	169
3 <sup>04</sup>	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
3 <sup>03</sup>	Reversal of immunoparalysis in humans in vivo: a double-blind, placebo-controlled, randomized pilot study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 186, 838-45	10.2	165
3 <sup>02</sup>	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

301	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
300	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
299	In Vitro Experimental Model of Trained Innate Immunity in Human Primary Monocytes. <i>Vaccine Journal</i> , <b>2016</b> , 23, 926-933		154
298	Association Between Administration of IL-6 Antagonists and Mortality Among Patients Hospitalized for COVID-19: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 326, 499-518	27.4	154
297	Differential cytokine production and Toll-like receptor signaling pathways by <i>Candida albicans</i> blastoconidia and hyphae. <i>Infection and Immunity</i> , <b>2005</b> , 73, 7458-64	3.7	148
296	Trained Immunity: An Ancient Way of Remembering. <i>Cell Host and Microbe</i> , <b>2017</b> , 21, 297-300	23.4	147
295	Interferon-gamma as adjunctive immunotherapy for invasive fungal infections: a case series. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14, 166	4	147
294	Inflammasome-independent modulation of cytokine response by autophagy in human cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e18666	3.7	146
293	Crohn's disease-associated ATG16L1 polymorphism modulates pro-inflammatory cytokine responses selectively upon activation of NOD2. <i>Gut</i> , <b>2011</b> , 60, 1229-35	19.2	146
292	Differential adaptation of <i>Candida albicans</i> in vivo modulates immune recognition by dectin-1. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003315	7.6	145
291	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
290	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
289	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
288	BCG Vaccination Enhances the Immunogenicity of Subsequent Influenza Vaccination in Healthy Volunteers: A Randomized, Placebo-Controlled Pilot Study. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1930-8	7	134
287	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
286	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
285	Evolutionary and functional analysis of celiac risk loci reveals SH2B3 as a protective factor against bacterial infection. <i>American Journal of Human Genetics</i> , <b>2010</b> , 86, 970-7	11	130
284	<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

283	Host-microbe interactions: innate pattern recognition of fungal pathogens. <i>Current Opinion in Microbiology</i> , <b>2008</b> , 11, 305-12	7.9	126
282	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
281	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
280	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
279	Non-specific effects of vaccines: Current evidence and potential implications. <i>Seminars in Immunology</i> , <b>2018</b> , 39, 35-43	10.7	117
278	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
277	Epigenetics and Trained Immunity. <i>Antioxidants and Redox Signaling</i> , <b>2018</b> , 29, 1023-1040	8.4	115
276	Immunometabolic circuits in trained immunity. <i>Seminars in Immunology</i> , <b>2016</b> , 28, 425-430	10.7	111
275	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
274	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
273	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
272	An IFN-gamma-independent proinflammatory role of IL-18 in murine streptococcal cell wall arthritis. <i>Journal of Immunology</i> , <b>2000</b> , 165, 6553-8	5.3	103
271	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
270	Innate immune cell activation and epigenetic remodeling in symptomatic and asymptomatic atherosclerosis in humans in vivo. <i>Atherosclerosis</i> , <b>2016</b> , 254, 228-236	3.1	99
269	Innate immune memory: An evolutionary perspective. <i>Immunological Reviews</i> , <b>2018</b> , 283, 21-40	11.3	98
268	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
267	Triggering receptor expressed on myeloid cells-1 (TREM-1) amplifies the signals induced by the NACHT-LRR (NLR) pattern recognition receptors. <i>Journal of Leukocyte Biology</i> , <b>2006</b> , 80, 1454-61	6.5	97
266	Mycobacterial growth inhibition is associated with trained innate immunity. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 1837-1851	15.9	96

265	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. <i>Immunity</i> , <b>2018</b> , 49, 819-828.e6	32.3	95
264	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>		93
263	The Potential Role of Trained Immunity in Autoimmune and Autoinflammatory Disorders. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 298	8.4	92
262	Plasmodium falciparum infection causes proinflammatory priming of human TLR responses. <i>Journal of Immunology</i> , <b>2007</b> , 179, 162-71	5.3	92
261	BCG-induced protection: effects on innate immune memory. <i>Seminars in Immunology</i> , <b>2014</b> , 26, 512-7	10.7	91
260	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , <b>2021</b> , 594, 265-270 <sup>50.4</sup>		89
259	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
258	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
257	Outcomes of controlled human malaria infection after BCG vaccination. <i>Nature Communications</i> , <b>2019</b> , 10, 874	17.4	87
256	Rewiring cellular metabolism via the AKT/mTOR pathway contributes to host defence against Mycobacterium tuberculosis in human and murine cells. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 2574-2586 <sup>6.1</sup>		87
255	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , <b>2020</b> , 183, 771-785.e12	56.2	86
254	Inflammation-dependent secretion and splicing of IL-32{gamma} in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 4962-7	11.5	85
253	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , <b>2021</b> , 22, 2-6	19.1	85
252	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
251	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
250	Long-term reprogramming of the innate immune system. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 105, 329-338 <sup>38.5</sup>		77
249	The IL-36 receptor pathway regulates Aspergillus fumigatus-induced Th1 and Th17 responses. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 416-26	6.1	77
248	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



247	Immunodeficiency and genetic defects of pattern-recognition receptors. <i>New England Journal of Medicine</i> , <b>2011</b> , 364, 60-70	59.2	75
246	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
245	The bacteriome-mycobiome interaction and antifungal host defense. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 3182-91	6.1	74
244	Reconstructing the population history of European Romani from genome-wide data. <i>Current Biology</i> , <b>2012</b> , 22, 2342-9	6.3	73
243	Trained Innate Immunity, Epigenetics, and Covid-19. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 1078-1080	19.0	73
242	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , <b>2021</b> , 13, 7	14.4	73
241	Trained Innate Immunity as a Novel Mechanism Linking Infection and the Development of Atherosclerosis. <i>Circulation Research</i> , <b>2018</b> , 122, 664-669	15.7	70
240	The role of autophagy in host defence against Mycobacterium tuberculosis infection. <i>Tuberculosis</i> , <b>2012</b> , 92, 388-96	2.6	70
239	The role of the interleukin-1 family in trained immunity. <i>Immunological Reviews</i> , <b>2018</b> , 281, 28-39	11.3	67
238	Skin microbiome imbalance in patients with STAT1/STAT3 defects impairs innate host defense responses. <i>Journal of Innate Immunity</i> , <b>2014</b> , 6, 253-62	6.9	67
237	Transcriptional and metabolic reprogramming induce an inflammatory phenotype in non-medullary thyroid carcinoma-induced macrophages. <i>OncotImmunology</i> , <b>2016</b> , 5, e1229725	7.2	67
236	Suppression of monosodium urate crystal-induced cytokine production by butyrate is mediated by the inhibition of class I histone deacetylases. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 593-600	2.4	65
235	Clinical Parameters, Routine Inflammatory Markers, and LTA4H Genotype as Predictors of Mortality Among 608 Patients With Tuberculous Meningitis in Indonesia. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, 1029-1039	7	64
234	Convergent evolution in European and Roma populations reveals pressure exerted by plague on Toll-like receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 2668-73	11.5	64
233	Integration of multi-omics data and deep phenotyping enables prediction of cytokine responses. <i>Nature Immunology</i> , <b>2018</b> , 19, 776-786	19.1	63
232	β-Glucan Induces Protective Trained Immunity against Mycobacterium tuberculosis Infection: A Key Role for IL-1. <i>Cell Reports</i> , <b>2020</b> , 31, 107634	10.6	61
231	The tetraspanin protein CD37 regulates IgA responses and anti-fungal immunity. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000338	7.6	60
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