Mihai Netea

List of Publications by Year
in descending order

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617	73,891	668	849
papers	citations	122 h-index	244 g-index

658	658	658	82576
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
3	Trained immunity: A program of innate immune memory in health and disease. Science, 2016, 352, aaf1098.	6.0	1,809
4	Complex Immune Dysregulation in COVID-19 Patients with Severe Respiratory Failure. Cell Host and Microbe, 2020, 27, 992-1000.e3.	5.1	1,746
5	The Human Cell Atlas. ELife, 2017, 6, .	2.8	1,547
6	mTOR- and HIF-1Î±â€“mediated aerobic glycolysis as metabolic basis for trained immunity. Science, 2014, 345, 1250684.	6.0	1,517
7	Population-based metagenomics analysis reveals markers for gut microbiome composition and diversity. Science, 2016, 352, 565-569.	6.0	1,398
8	Defining trained immunity and its role in health and disease. Nature Reviews Immunology, 2020, 20, 375-388.	10.6	1,345
9	Epigenetic programming of monocyte-to-macrophage differentiation and trained innate immunity. Science, 2014, 345, 1251086.	6.0	1,338
10	Bacille Calmette-GuÃ©rin induces NOD2-dependent nonspecific protection from reinfection via epigenetic reprogramming of monocytes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17537-17542.	3.3	1,294
11	The immunopathology of sepsis and potential therapeutic targets. Nature Reviews Immunology, 2017, 17, 407-420.	10.6	1,183
12	Trained Immunity: A Memory for Innate Host Defense. Cell Host and Microbe, 2011, 9, 355-361.	5.1	1,177
13	Candida albicans Infection Affords Protection against Reinfection via Functional Reprogramming of Monocytes. Cell Host and Microbe, 2012, 12, 223-232.	5.1	926
14	BCG Vaccination Protects against Experimental Viral Infection in Humans through the Induction of Cytokines Associated with Trained Immunity. Cell Host and Microbe, 2018, 23, 89-100.e5.	5.1	860
15	Causal relationships among the gut microbiome, short-chain fatty acids and metabolic diseases. Nature Genetics, 2019, 51, 600-605.	9.4	854
16	Linking the Human Gut Microbiome to Inflammatory Cytokine Production Capacity. Cell, 2016, 167, 1125-1136.e8.	13.5	806
17	An integrated model of the recognition of Candida albicans by the innate immune system. Nature Reviews Microbiology, 2008, 6, 67-78.	13.6	779
18	Differential requirement for the activation of the inflammasome for processing and release of IL-1Î² in monocytes and macrophages. Blood, 2009, 113, 2324-2335.	0.6	714

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19	Western Diet Triggers NLRP3-Dependent Innate Immune Reprogramming. Cell, 2018, 172, 162-175.e14.	13.5	705
20	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. Cell, 2018, 172, 147-161.e12.	13.5	702
21	The effect of host genetics on the gut microbiome. Nature Genetics, 2016, 48, 1407-1412.	9.4	672
22	Immune sensing of Candida albicans requires cooperative recognition of mannans and glucans by lectin and Toll-like receptors. Journal of Clinical Investigation, 2006, 116, 1642-1650.	3.9	632
23	Presence of Genetic Variants Among Young Men With Severe COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 663.	3.8	626
24	Inflammasome is a central player in the induction of obesity and insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15324-15329.	3.3	602
25	Glutaminolysis and Fumarate Accumulation Integrate Immunometabolic and Epigenetic Programs in Trained Immunity. Cell Metabolism, 2016, 24, 807-819.	7.2	584
26	Toll-Like Receptor 2 Suppresses Immunity against Candida albicans through Induction of IL-10 and Regulatory T Cells. Journal of Immunology, 2004, 172, 3712-3718.	0.4	565
27	A guiding map for inflammation. Nature Immunology, 2017, 18, 826-831.	7.0	506
28	Oxidized Low-Density Lipoprotein Induces Long-Term Proinflammatory Cytokine Production and Foam Cell Formation via Epigenetic Reprogramming of Monocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1731-1738.	1.1	486
29	Metabolic Induction of Trained Immunity through the Mevalonate Pathway. Cell, 2018, 172, 135-146.e9.	13.5	485
30	Immunometabolic Pathways in BCG-Induced Trained Immunity. Cell Reports, 2016, 17, 2562-2571.	2.9	467
31	Î²-Glucan Reverses the Epigenetic State of LPS-Induced Immunological Tolerance. Cell, 2016, 167, 1354-1368.e14.	13.5	467
32	A small jab â€“ a big effect: nonspecific immunomodulation by vaccines. Trends in Immunology, 2013, 34, 431-439.	2.9	455
33	The Role of Tollâ€like Receptor (TLR) 2 and TLR4 in the Host Defense against Disseminated Candidiasis. Journal of Infectious Diseases, 2002, 185, 1483-1489.	1.9	444
34	Immune defence against Candida fungal infections. Nature Reviews Immunology, 2015, 15, 630-642.	10.6	440
35	Broad defects in the energy metabolism of leukocytes underlie immunoparalysis in sepsis. Nature Immunology, 2016, 17, 406-413.	7.0	437
36	IL-1Î² Processing in Host Defense: Beyond the Inflammasomes. PLoS Pathogens, 2010, 6, e1000661.	2.1	427

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37	Aspergillus fumigatus morphology and dynamic host interactions. Nature Reviews Microbiology, 2017, 15, 661-674.	13.6	402
38	Oxidized Phospholipids on Lipoprotein(a) Elicit Arterial Wall Inflammation and an Inflammatory Monocyte Response in Humans. Circulation, 2016, 134, 611-624.	1.6	396
39	BCG-induced trained immunity: can it offer protection against COVID-19?. Nature Reviews Immunology, 2020, 20, 335-337.	10.6	384
40	Swarm Learning for decentralized and confidential clinical machine learning. Nature, 2021, 594, 265-270.	13.7	375
41	The COVID-19 puzzle: deciphering pathophysiology and phenotypes of a new disease entity. Lancet Respiratory Medicine,the, 2021, 9, 622-642.	5.2	371
42	Non-specific effects of BCG vaccine on viral infections. Clinical Microbiology and Infection, 2019, 25, 1473-1478.	2.8	369
43	Host and Environmental Factors Influencing Individual Human Cytokine Responses. Cell, 2016, 167, 1111-1124.e13.	13.5	364
44	BCG-induced trained immunity in NK cells: Role for non-specific protection to infection. Clinical Immunology, 2014, 155, 213-219.	1.4	359
45	Trained Immunity: a Tool for Reducing Susceptibility to and the Severity of SARS-CoV-2 Infection. Cell, 2020, 181, 969-977.	13.5	358
46	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.	15.2	353
47	Innate and Adaptive Immune Memory: an Evolutionary Continuum in the Hostâ€™s Response to Pathogens. Cell Host and Microbe, 2019, 25, 13-26.	5.1	341
48	Derived immune and ancestral pigmentation alleles in a 7,000-year-old Mesolithic European. Nature, 2014, 507, 225-228.	13.7	328
49	Genetic variation in Toll-like receptors and disease susceptibility. Nature Immunology, 2012, 13, 535-542.	7.0	310
50	IL-38 binds to the IL-36 receptor and has biological effects on immune cells similar to IL-36 receptor antagonist. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3001-3005.	3.3	308
51	Aspergillus fumigatusEvades Immune Recognition during Germination through Loss of Tollâ€Like Receptorâ€4â€“Mediated Signal Transduction. Journal of Infectious Diseases, 2003, 188, 320-326.	1.9	290
52	Considering BCG vaccination to reduce the impact of COVID-19. Lancet, The, 2020, 395, 1545-1546.	6.3	289
53	Modulation of inflammation by autophagy: Consequences for human disease. Autophagy, 2016, 12, 245-260.	4.3	287
54	Therapeutic targeting of trained immunity. Nature Reviews Drug Discovery, 2019, 18, 553-566.	21.5	287

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55	Activate: Randomized Clinical Trial of BCG Vaccination against Infection in the Elderly. Cell, 2020, 183, 315-323.e9.	13.5	279
56	IL-32 synergizes with nucleotide oligomerization domain (NOD) 1 and NOD2 ligands for IL-1Â and IL-6 production through a caspase 1-dependent mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16309-16314.	3.3	277
57	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. Cell, 2020, 183, 771-785.e12.	13.5	277
58	A Functional Genomics Approach to Understand Variation in Cytokine Production in Humans. Cell, 2016, 167, 1099-1110.e14.	13.5	275
59	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. Nature Immunology, 2021, 22, 2-6.	7.0	274
60	BCG Vaccination in Humans Elicits Trained Immunity via the Hematopoietic Progenitor Compartment. Cell Host and Microbe, 2020, 28, 322-334.e5.	5.1	269
61	Trained Immunity or Tolerance: Opposing Functional Programs Induced in Human Monocytes after Engagement of Various Pattern Recognition Receptors. Vaccine Journal, 2014, 21, 534-545.	3.2	262
62	Engagement of fatty acids with tollâ€like receptor 2 drives interleukinâ€1Î² production via the ASC/caspase 1 pathway in monosodium urate monohydrate crystalâ€“induced gouty arthritis. Arthritis and Rheumatism, 2010, 62, 3237-3248.	6.7	259
63	Does the shape of lipid A determine the interaction of LPS with Toll-like receptors?. Trends in Immunology, 2002, 23, 135-139.	2.9	242
64	Toll-like receptors and the host defense against microbial pathogens: bringing specificity to the innate-immune system. Journal of Leukocyte Biology, 2004, 75, 749-755.	1.5	239
65	In Vitro Experimental Model of Trained Innate Immunity in Human Primary Monocytes. Vaccine Journal, 2016, 23, 926-933.	3.2	239
66	IL-1Î²/IL-6/CRP and IL-18/ferritin: Distinct Inflammatory Programs in Infections. PLoS Pathogens, 2016, 12, e1005973.	2.1	237
67	Kallikrein-kinin blockade in patients with COVID-19 to prevent acute respiratory distress syndrome. ELife, 2020, 9, .	2.8	235
68	The Itaconate Pathway Is a Central Regulatory Node Linking Innate Immune Tolerance and Trained Immunity. Cell Metabolism, 2019, 29, 211-220.e5.	7.2	232
69	Microbial stimulation of different Toll-like receptor signalling pathways induces diverse metabolic programmes in human monocytes. Nature Microbiology, 2017, 2, 16246.	5.9	228
70	Metabolic changes in tumor cells and tumor-associated macrophages: A mutual relationship. Cancer Letters, 2018, 413, 102-109.	3.2	227
71	Fungal Chitin Dampens Inflammation through IL-10 Induction Mediated by NOD2 and TLR9 Activation. PLoS Pathogens, 2014, 10, e1004050.	2.1	215
72	Gut microbiome in ADHD and its relation to neural reward anticipation. PLoS ONE, 2017, 12, e0183509.	1.1	215

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73	NOD2 mediates anti-inflammatory signals induced by TLR2 ligands: implications for Crohn's disease. European Journal of Immunology, 2004, 34, 2052-2059.	1.6	214
74	Innate immune memory: towards a better understanding of host defense mechanisms. Current Opinion in Immunology, 2014, 29, 1-7.	2.4	214
75	Harnessing the beneficial heterologous effects of vaccination. Nature Reviews Immunology, 2016, 16, 392-400.	10.6	213
76	Human TLR10 is an anti-inflammatory pattern-recognition receptor. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4478-84.	3.3	211
77	Favorable Anakinra Responses in Severe Covid-19 Patients with Secondary Hemophagocytic Lymphohistiocytosis. Cell Host and Microbe, 2020, 28, 117-123.e1.	5.1	210
78	Metabolism impacts upon Candida immunogenicity and pathogenicity at multiple levels. Trends in Microbiology, 2014, 22, 614-622.	3.5	208
79	Inherited CARD9 deficiency in otherwise healthy children and adults with Candida speciesâ€“induced meningoencephalitis, colitis, or both. Journal of Allergy and Clinical Immunology, 2015, 135, 1558-1568.e2.	1.5	208
80	A guide to immunotherapy for COVID-19. Nature Medicine, 2022, 28, 39-50.	15.2	206
81	Safety and Efficacy of Anakinra in Severe Hidradenitis Suppurativa. JAMA Dermatology, 2016, 152, 52.	2.0	205
82	Current gaps in sepsis immunology: new opportunities for translational research. Lancet Infectious Diseases, The, 2019, 19, e422-e436.	4.6	205
83	Soluble uric acid primes TLR-induced proinflammatory cytokine production by human primary cells via inhibition of IL-1Ra. Annals of the Rheumatic Diseases, 2016, 75, 755-762.	0.5	202
84	Non-specific effects of vaccines: Current evidence and potential implications. Seminars in Immunology, 2018, 39, 35-43.	2.7	202
85	Trained Immunity: An Ancient Way of Remembering. Cell Host and Microbe, 2017, 21, 297-300.	5.1	196
86	Interferon-gamma as adjunctive immunotherapy for invasive fungal infections: a case series. BMC Infectious Diseases, 2014, 14, 166.	1.3	195
87	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. Genome Medicine, 2021, 13, 7.	3.6	193
88	Trained Immunity-Based Vaccines: A New Paradigm for the Development of Broad-Spectrum Anti-infectious Formulations. Frontiers in Immunology, 2018, 9, 2936.	2.2	187
89	Mycobacterium tuberculosis Induces Interleukin-32 Production through a Caspase-1/IL-18/Interferon-Î³-Dependent Mechanism. PLoS Medicine, 2006, 3, e277.	3.9	186
90	IL-37 protects against obesity-induced inflammation and insulin resistance. Nature Communications, 2014, 5, 4711.	5.8	186

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91	Trained innate immunity as underlying mechanism for the long-term, nonspecific effects of vaccines. Journal of Leukocyte Biology, 2015, 98, 347-356.	1.5	184
92	Aspergillus Cell Wall Melanin Blocks LC3-Associated Phagocytosis to Promote Pathogenicity. Cell Host and Microbe, 2016, 19, 79-90.	5.1	183
93	Epigenetics and Trained Immunity. Antioxidants and Redox Signaling, 2018, 29, 1023-1040.	2.5	176
94	Population genomics of Mesolithic Scandinavia: Investigating early postglacial migration routes and high-latitude adaptation. PLoS Biology, 2018, 16, e2003703.	2.6	174
95	From the Th1/Th2 Paradigm towards a Toll-Like Receptor/T-Helper Bias. Antimicrobial Agents and Chemotherapy, 2005, 49, 3991-3996.	1.4	173
96	Proinflammatory cytokines and sepsis syndrome: not enough, or too much of a good thing?. Trends in Immunology, 2003, 24, 254-258.	2.9	171
97	Heterologous Immunological Effects of Early BCG Vaccination in Low-Birth-Weight Infants in Guinea-Bissau: A Randomized-controlled Trial. Journal of Infectious Diseases, 2015, 211, 956-967.	1.9	171
98	DNA methylation in childhood asthma: an epigenome-wide meta-analysis. Lancet Respiratory Medicine,the, 2018, 6, 379-388.	5.2	170
99	COVID-19-Associated Candidiasis (CAC): An Underestimated Complication in the Absence of Immunological Predispositions?. Journal of Fungi (Basel, Switzerland), 2020, 6, 211.	1.5	170
100	Autophagy Controls BCG-Induced Trained Immunity and the Response to Intravesical BCG Therapy for Bladder Cancer. PLoS Pathogens, 2014, 10, e1004485.	2.1	167
101	Innate immune memory: An evolutionary perspective. Immunological Reviews, 2018, 283, 21-40.	2.8	165
102	Outcomes of controlled human malaria infection after BCG vaccination. Nature Communications, 2019, 10, 874.	5.8	165
103	Effect of Vegan Fecal Microbiota Transplantation on Carnitineâ€•and Cholineâ€Derived Trimethylamineâ€Nâ€Oxide Production and Vascular Inflammation in Patients With Metabolic Syndrome. Journal of the American Heart Association, 2018, 7, .	1.6	164
104	Innate immune cell activation and epigenetic remodeling in symptomatic and asymptomatic atherosclerosis in humans inÂvivo. Atherosclerosis, 2016, 254, 228-236.	0.4	163
105	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. Immunity, 2018, 49, 819-828.e6.	6.6	161
106	Immunometabolic circuits in trained immunity. Seminars in Immunology, 2016, 28, 425-430.	2.7	159
107	The Inhibitory Innate Immune Sensor NLRP12 Maintains a Threshold against Obesity by Regulating Gut Microbiota Homeostasis. Cell Host and Microbe, 2018, 24, 364-378.e6.	5.1	158
108	Recognition of DHN-melanin by a C-type lectin receptor is required for immunity to Aspergillus. Nature, 2018, 555, 382-386.	13.7	157

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109	Differential Effects of Environmental and Genetic Factors on T and B Cell Immune Traits. Cell Reports, 2016, 17, 2474-2487.	2.9	154
110	Interleukin-32 induces the differentiation of monocytes into macrophage-like cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3515-3520.	3.3	152
111	BCG Vaccination Induces Long-Term Functional Reprogramming of Human Neutrophils. Cell Reports, 2020, 33, 108387.	2.9	152
112	Endogenous Interleukin (IL)â€“1Î± and ILâ€1Î² Are Crucial for Host Defense against Disseminated Candidiasis. Journal of Infectious Diseases, 2006, 193, 1419-1426.	1.9	150
113	Toll-like receptors and chronic inflammation in rheumatic diseases: new developments. Nature Reviews Rheumatology, 2016, 12, 344-357.	3.5	150
114	Monocyte and macrophage immunometabolism in atherosclerosis. Seminars in Immunopathology, 2018, 40, 203-214.	2.8	150
115	Unique metabolic activation of adipose tissue macrophages in obesity promotes inflammatory responses. Diabetologia, 2018, 61, 942-953.	2.9	149
116	Inter-individual variability and genetic influences on cytokine responses to bacteria and fungi. Nature Medicine, 2016, 22, 952-960.	15.2	148
117	Trained immunity: A smart way to enhance innate immune defence. Molecular Immunology, 2015, 68, 40-44.	1.0	147
118	Î²-Glucan Induces Protective Trained Immunity against Mycobacterium tuberculosis Infection: A Key Role for IL-1. Cell Reports, 2020, 31, 107634.	2.9	147
119	Trained Immunity: Reprogramming Innate Immunity in Health and Disease. Annual Review of Immunology, 2021, 39, 667-693.	9.5	146
120	Immunological memory: lessons from the past and a look to the future. Nature Reviews Immunology, 2016, 16, 124-128.	10.6	144
121	Specific and Complex Reprogramming of Cellular Metabolism in Myeloid Cells during Innate Immune Responses. Cell Metabolism, 2017, 26, 142-156.	7.2	144
122	Mycobacterial growth inhibition is associated with trained innate immunity. Journal of Clinical Investigation, 2018, 128, 1837-1851.	3.9	144
123	The impact of the Fungus-Host-Microbiota interplay uponCandida albicansinfections: current knowledge and new perspectives. FEMS Microbiology Reviews, 2021, 45, .	3.9	139
124	Training innate immunity: the changing concept of immunological memory in innate host defence. European Journal of Clinical Investigation, 2013, 43, 881-884.	1.7	138
125	Gut Microbial Associations to Plasma Metabolites Linked to Cardiovascular Phenotypes and Risk. Circulation Research, 2019, 124, 1808-1820.	2.0	137
126	The Potential Role of Trained Immunity in Autoimmune and Autoinflammatory Disorders. Frontiers in Immunology, 2018, 9, 298.	2.2	135

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127	The Intersection of Epigenetics and Metabolism in Trained Immunity. Immunity, 2021, 54, 32-43.	6.6	134
128	Trained Innate Immunity, Epigenetics, and Covid-19. New England Journal of Medicine, 2020, 383, 1078-1080.	13.9	133
129	Treatment with Statins Does Not Revert Trained Immunity in Patients with Familial Hypercholesterolemia. Cell Metabolism, 2019, 30, 1-2.	7.2	130
130	Physiological and Genetic Adaptations to Diving in Sea Nomads. Cell, 2018, 173, 569-580.e15.	13.5	129
131	An open label trial of anakinra to prevent respiratory failure in COVID-19. ELife, 2021, 10, .	2.8	127
132	Genomic analysis of Andamanese provides insights into ancient human migration into Asia and adaptation. Nature Genetics, 2016, 48, 1066-1070.	9.4	126
133	SUCNR1-mediated chemotaxis of macrophages aggravates obesity-induced inflammation and diabetes. Diabetologia, 2017, 60, 1304-1313.	2.9	126
134	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.	2.2	121
135	BCG-induced protection: Effects on innate immune memory. Seminars in Immunology, 2014, 26, 512-517.	2.7	120
136	Long-term reprogramming of the innate immune system. Journal of Leukocyte Biology, 2019, 105, 329-338.	1.5	120
137	Rewiring cellular metabolism via the AKT/mTOR pathway contributes to host defence against Mycobacterium tuberculosis in human and murine cells. European Journal of Immunology, 2016, 46, 2574-2586.	1.6	118
138	A Polysaccharide Virulence Factor from Aspergillus fumigatus Elicits Anti-inflammatory Effects through Induction of Interleukin-1 Receptor Antagonist. PLoS Pathogens, 2014, 10, e1003936.	2.1	117
139	Uric acid priming in human monocytes is driven by the AKTâ€“PRAS40 autophagy pathway. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5485-5490.	3.3	114
140	Mortality in children with complicated severe acute malnutrition is related to intestinal and systemic inflammation: an observational cohort study. American Journal of Clinical Nutrition, 2016, 104, 1441-1449.	2.2	112
141	Salmonella septicemia in rheumatoid arthritis patients receiving anti-tumor necrosis factor therapy: Association with decreased interferon-? production and toll-like receptor 4 expression. Arthritis and Rheumatism, 2003, 48, 1853-1857.	6.7	111
142	Gainâ€ofâ€function STAT1 mutations impair STAT3 activity in patients with chronic mucocutaneous candidiasis (CMC). European Journal of Immunology, 2015, 45, 2834-2846.	1.6	111
143	Innate immune mechanisms for recognition and uptake of Candida species. Trends in Immunology, 2010, 31, 346-353.	2.9	109
144	Induction of innate immune memory: the role of cellular metabolism. Current Opinion in Immunology, 2019, 56, 10-16.	2.4	109

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145	Hyperglycemia Induces Trained Immunity in Macrophages and Their Precursors and Promotes Atherosclerosis. Circulation, 2021, 144, 961-982.	1.6	109
146	LifeTime and improving European healthcare through cell-based interceptive medicine. Nature, 2020, 587, 377-386.	13.7	108
147	Interleukin-1Î² in innate inflammation, autophagy and immunity. Seminars in Immunology, 2013, 25, 416-424.	2.7	107
148	Trained Innate Immunity as a Novel Mechanism Linking Infection and the Development of Atherosclerosis. Circulation Research, 2018, 122, 664-669.	2.0	107
149	Hypoxia Promotes Immune Evasion by Triggering Î²-Glucan Masking on the Candida albicans Cell Surface via Mitochondrial and cAMP-Protein Kinase A Signaling. MBio, 2018, 9, .	1.8	105
150	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.	1.5	105
151	Non-LPS components ofChlamydia pneumoniae stimulate cytokine production through Toll-like receptor 2-dependent pathways. European Journal of Immunology, 2002, 32, 1188-1195.	1.6	103
152	Integration of multi-omics data and deep phenotyping enables prediction of cytokine responses. Nature Immunology, 2018, 19, 776-786.	7.0	103
153	Trained immunity: consequences for the heterologous effects of BCG vaccination. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 29-35.	0.7	102
154	Ubiquitin Ligase TRIM62 Regulates CARD9-Mediated Anti-fungal Immunity and Intestinal Inflammation. Immunity, 2015, 43, 715-726.	6.6	102
155	Î²-Glucan-Induced Trained Immunity Protects against Leishmania braziliensis Infection: a Crucial Role for IL-32. Cell Reports, 2019, 28, 2659-2672.e6.	2.9	102
156	Cutting Edge: Plasmodium falciparum Induces Trained Innate Immunity. Journal of Immunology, 2018, 200, 1243-1248.	0.4	101
157	Trained Immunity-Promoting Nanobiologic Therapy Suppresses Tumor Growth and Potentiates Checkpoint Inhibition. Cell, 2020, 183, 786-801.e19.	13.5	101
158	The C-Type Lectin Receptor CLECSF8/CLEC4D Is a Key Component of Anti-Mycobacterial Immunity. Cell Host and Microbe, 2015, 17, 252-259.	5.1	100
159	Anakinra treatment in critically ill COVID-19 patients: a prospective cohort study. Critical Care, 2020, 24, 688.	2.5	100
160	Immunotherapeutic approaches to treatment of fungal diseases. Lancet Infectious Diseases, The, 2017, 17, e393-e402.	4.6	98
161	Increased Plasma Heparanase Activity in COVID-19 Patients. Frontiers in Immunology, 2020, 11, 575047.	2.2	98
162	Anti-mycobacterial activity correlates with altered DNA methylation pattern in immune cells from BCG-vaccinated subjects. Scientific Reports, 2017, 7, 12305.	1.6	97

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163	Individual variations in cardiovascular-disease-related protein levels are driven by genetics and gut microbiome. Nature Genetics, 2018, 50, 1524-1532.	9.4	97
164	BCG vaccination in humans inhibits systemic inflammation in a sex-dependent manner. Journal of Clinical Investigation, 2020, 130, 5591-5602.	3.9	96
165	Transcriptional and metabolic reprogramming induce an inflammatory phenotype in non-medullary thyroid carcinoma-induced macrophages. OncoImmunology, 2016, 5, e1229725.	2.1	95
166	The role of the interleukinâ€1 family in trained immunity. Immunological Reviews, 2018, 281, 28-39.	2.8	95
167	BCG-induced non-specific effects on heterologous infectious disease in Ugandan neonates: an investigator-blind randomised controlled trial. Lancet Infectious Diseases, The, 2021, 21, 993-1003.	4.6	95
168	Targeting innate immunity for tuberculosis vaccination. Journal of Clinical Investigation, 2019, 129, 3482-3491.	3.9	95
169	Circadian rhythm influences induction of trained immunity by BCG vaccination. Journal of Clinical Investigation, 2020, 130, 5603-5617.	3.9	95
170	Black Yeasts and Their Filamentous Relatives: Principles of Pathogenesis and Host Defense. Clinical Microbiology Reviews, 2014, 27, 527-542.	5.7	94
171	Trained immunity as a molecular mechanism for BCG immunotherapy in bladder cancer. Nature Reviews Urology, 2020, 17, 513-525.	1.9	94
172	Two Patients with Cryptococcal Meningitis and Idiopathic CD4 Lymphopenia: Defective Cytokine Production and Reversal by Recombinant Interferon-Â Therapy. Clinical Infectious Diseases, 2004, 39, e83-e87.	2.9	93
173	The <scp>IL</scp>â€36 receptor pathway regulates <scp>A</scp>spergillus fumigatusâ€induced <scp>T</scp>h1 and <scp>T</scp>h17 responses. European Journal of Immunology, 2013, 43, 416-426.	1.6	93
174	Induction of trained immunity by influenza vaccination - impact on COVID-19. PLoS Pathogens, 2021, 17, e1009928.	2.1	93
175	Maladaptive innate immune training of myelopoiesis links inflammatory comorbidities. Cell, 2022, 185, 1709-1727.e18.	13.5	91
176	Fungal Chitin Induces Trained Immunity in Human Monocytes during Cross-talk of the Host with Saccharomyces cerevisiae. Journal of Biological Chemistry, 2016, 291, 7961-7972.	1.6	90
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