Laurent Abel

List of Publications by Year
in descending order

392 papers	45,735 citations	1231 110 h-index	2558 195 g-index
423 all docs	423 docs citations	423 times ranked	39540 citing authors

#	Article	IF	Citations
1	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science, 2020, 370, .	6.0	1,983
2	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, .	6.0	1,749
3	Chronic Mucocutaneous Candidiasis in Humans with Inborn Errors of Interleukin-17 Immunity. Science, 2011, 332, 65-68.	6.0	1,482
4	TLR3 Deficiency in Patients with Herpes Simplex Encephalitis. Science, 2007, 317, 1522-1527.	6.0	970
5	GENETICDISSECTION OFIMMUNITY TOMYCOBACTERIA: The Human Model. Annual Review of Immunology, 2002, 20, 581-620.	9.5	900
6	Pyogenic Bacterial Infections in Humans with MyD88 Deficiency. Science, 2008, 321, 691-696.	6.0	844
7	Mutations of the RET proto-oncogene in Hirschsprung's disease. Nature, 1994, 367, 378-380.	13.7	750
8	Gain-of-function human STAT1 mutations impair IL-17 immunity and underlie chronic mucocutaneous candidiasis. Journal of Experimental Medicine, 2011, 208, 1635-1648.	4.2	739
9	Herpes Simplex Virus Encephalitis in Human UNC-93B Deficiency. Science, 2006, 314, 308-312.	6.0	674
10	Autoantibodies against IL-17A, IL-17F, and IL-22 in patients with chronic mucocutaneous candidiasis and autoimmune polyendocrine syndrome type I. Journal of Experimental Medicine, 2010, 207, 291-297.	4.2	663
11	Mendelian susceptibility to mycobacterial disease: Genetic, immunological, and clinical features of inborn errors of IFN-Î³ immunity. Seminars in Immunology, 2014, 26, 454-470.	2.7	582
12	IRF8Mutations and Human Dendritic-Cell Immunodeficiency. New England Journal of Medicine, 2011, 365, 127-138.	13.9	564
13	Whole-genome sequencing is more powerful than whole-exome sequencing for detecting exome variants. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5473-5478.	3.3	475
14	Mycobacterial Disease and Impaired IFN-Î³ Immunity in Humans with Inherited ISG15 Deficiency. Science, 2012, 337, 1684-1688.	6.0	455
15	Human intracellular ISG15 prevents interferon-Î±/Î² over-amplification and auto-inflammation. Nature, 2015, 517, 89-93.	13.7	432
16	Susceptibility to leprosy is associated with PARK2 and PACRG. Nature, 2004, 427, 636-640.	13.7	426
17	Mutations in STAT3 and IL12RB1 impair the development of human IL-17â€“producing T cells. Journal of Experimental Medicine, 2008, 205, 1543-1550.	4.2	406
18	Life-threatening influenza and impaired interferon amplification in human IRF7 deficiency. Science, 2015, 348, 448-453.	6.0	389

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19	Selective predisposition to bacterial infections in IRAK-4â€“deficient children: IRAK-4â€“dependent TLRs are otherwise redundant in protective immunity. Journal of Experimental Medicine, 2007, 204, 2407-2422.	4.2	374
20	Revisiting Human IL-12RÎ²1 Deficiency. Medicine (United States), 2010, 89, 381-402.	0.4	367
21	Clinical Features and Outcome of Patients With IRAK-4 and MyD88 Deficiency. Medicine (United States), 2010, 89, 403-425.	0.4	366
22	Impairment of immunity to Candida and Mycobacterium in humans with bi-allelic RORC mutations. Science, 2015, 349, 606-613.	6.0	366
23	Deep Dermatophytosis and Inherited CARD9 Deficiency. New England Journal of Medicine, 2013, 369, 1704-1714.	13.9	362
24	Autoantibodies neutralizing type I IFNs are present in ~4% of uninfected individuals over 70 years old and account for ~20% of COVID-19 deaths. Science Immunology, 2021, 6, .	5.6	357
25	Evolutionary Dynamics of Human Toll-Like Receptors and Their Different Contributions to Host Defense. PLoS Genetics, 2009, 5, e1000562.	1.5	341
26	Genetic localization of a locus controlling the intensity of infection by Schistosoma mansoni on chromosome 5q31â€“q33. Nature Genetics, 1996, 14, 181-184.	9.4	326
27	Human TLRs and IL-1Rs in Host Defense: Natural Insights from Evolutionary, Epidemiological, and Clinical Genetics. Annual Review of Immunology, 2011, 29, 447-491.	9.5	316
28	Characterization of Greater Middle Eastern genetic variation for enhanced disease gene discovery. Nature Genetics, 2016, 48, 1071-1076.	9.4	314
29	Human TRAF3 Adaptor Molecule Deficiency Leads to Impaired Toll-like Receptor 3 Response and Susceptibility to Herpes Simplex Encephalitis. Immunity, 2010, 33, 400-411.	6.6	304
30	Human TYK2 deficiency: Mycobacterial and viral infections without hyper-IgE syndrome. Journal of Experimental Medicine, 2015, 212, 1641-1662.	4.2	293
31	Inborn errors of human IL-17 immunity underlie chronic mucocutaneous candidiasis. Current Opinion in Allergy and Clinical Immunology, 2012, 12, 616-622.	1.1	288
32	Impaired intrinsic immunity to HSV-1 in human iPSC-derived TLR3-deficient CNS cells. Nature, 2012, 491, 769-773.	13.7	288
33	Low Penetrance, Broad Resistance, and Favorable Outcome of Interleukin 12 Receptor Î²1 Deficiency. Journal of Experimental Medicine, 2003, 197, 527-535.	4.2	286
34	Primary Immunodeficiencies: A Field in Its Infancy. Science, 2007, 317, 617-619.	6.0	280
35	Susceptibility to Leprosy Is Linked to the Human NRAMP1 Gene. Journal of Infectious Diseases, 1998, 177, 133-145.	1.9	273
36	Partial MCM4 deficiency in patients with growth retardation, adrenal insufficiency, and natural killer cell deficiency. Journal of Clinical Investigation, 2012, 122, 821-832.	3.9	272

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37	Inborn errors of interferon (IFN)â€mediated immunity in humans: insights into the respective roles of IFNâ€Î±/Î², IFNâ€Î³, and IFNâ€» in host defense. Immunological Reviews, 2008, 226, 29-40.	2.8	271
38	Whole-exome sequencing-based discovery of STIM1 deficiency in a child with fatal classic Kaposi sarcoma. Journal of Experimental Medicine, 2010, 207, 2307-2312.	4.2	268
39	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. Science Immunology, 2021, 6, .	5.6	267
40	Inherited Interleukin-12 Deficiency: IL12B Genotype and Clinical Phenotype of 13 Patients from Six Kindreds. American Journal of Human Genetics, 2002, 70, 336-348.	2.6	265
41	X-linked susceptibility to mycobacteria is caused by mutations in NEMO impairing CD40-dependent IL-12 production. Journal of Experimental Medicine, 2006, 203, 1745-1759.	4.2	264
42	Herpes simplex virus encephalitis in a patient with complete TLR3 deficiency: TLR3 is otherwise redundant in protective immunity. Journal of Experimental Medicine, 2011, 208, 2083-2098.	4.2	262
43	An ACT1 Mutation Selectively Abolishes Interleukin-17 Responses in Humans with Chronic Mucocutaneous Candidiasis. Immunity, 2013, 39, 676-686.	6.6	262
44	Human herpesvirus 8 transmission from mother to child and between siblings in an endemic population. Lancet, The, 2000, 356, 1062-1065.	6.3	255
45	Herpes simplex encephalitis in children with autosomal recessive and dominant TRIF deficiency. Journal of Clinical Investigation, 2011, 121, 4889-4902.	3.9	254
46	The mutation significance cutoff: gene-level thresholds for variant predictions. Nature Methods, 2016, 13, 109-110.	9.0	249
47	The human model: a genetic dissection of immunity to infection in natural conditions. Nature Reviews Immunology, 2004, 4, 55-66.	10.6	248
48	Germline CYBB mutations that selectively affect macrophages in kindreds with X-linked predisposition to tuberculous mycobacterial disease. Nature Immunology, 2011, 12, 213-221.	7.0	248
49	Inborn errors of human STAT1: allelic heterogeneity governs the diversity of immunological and infectious phenotypes. Current Opinion in Immunology, 2012, 24, 364-378.	2.4	245
50	Primary Immunodeficiency Diseases Worldwide: More Common than Generally Thought. Journal of Clinical Immunology, 2013, 33, 1-7.	2.0	243
51	Genomic Signatures of Selective Pressures and Introgression from Archaic Hominins at Human Innate Immunity Genes. American Journal of Human Genetics, 2016, 98, 5-21.	2.6	243
52	Human HOIP and LUBAC deficiency underlies autoinflammation, immunodeficiency, amylopectinosis, and lymphangiectasia. Journal of Experimental Medicine, 2015, 212, 939-951.	4.2	241
53	Heterozygous TBK1 mutations impair TLR3 immunity and underlie herpes simplex encephalitis of childhood. Journal of Experimental Medicine, 2012, 209, 1567-1582.	4.2	231
54	Guidelines for genetic studies in single patients: lessons from primary immunodeficiencies. Journal of Experimental Medicine, 2014, 211, 2137-2149.	4.2	218

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55	Human genetic and immunological determinants of critical COVID-19 pneumonia. Nature, 2022, 603, 587-598.	13.7	216
56	The human gene damage index as a gene-level approach to prioritizing exome variants. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13615-13620.	3.3	213
57	Tuberculosis in children and adults. Journal of Experimental Medicine, 2005, 202, 1617-1621.	4.2	209
58	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
59	Severe Hepatic Fibrosis in Schistosoma mansoni Infection Is Controlled by a Major Locus That Is Closely Linked to the Interferon-Î³ Receptor Gene. American Journal of Human Genetics, 1999, 65, 709-721.	2.6	198
60	Gains of glycosylation comprise an unexpectedly large group of pathogenic mutations. Nature Genetics, 2005, 37, 692-700.	9.4	198
61	Human adenylate kinase 2 deficiency causes a profound hematopoietic defect associated with sensorineural deafness. Nature Genetics, 2009, 41, 106-111.	9.4	198
62	Functional Analysis via Standardized Whole-Blood Stimulation Systems Defines the Boundaries of a Healthy Immune Response to Complex Stimuli. Immunity, 2014, 40, 436-450.	6.6	192
63	A gene for Hirschsprung disease maps to the proximal long arm of chromosome 10. Nature Genetics, 1993, 4, 346-350.	9.4	190
64	Exome and genome sequencing for inborn errors of immunity. Journal of Allergy and Clinical Immunology, 2016, 138, 957-969.	1.5	187
65	Resistance to Schistosoma mansoni in Humans: Influence of the IgE/IgG4 Balance and IgG2 in Immunity to Reinfection after Chemotherapy. Journal of Infectious Diseases, 1993, 168, 1000-1008.	1.9	185
66	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. Cell, 2020, 181, 1194-1199.	13.5	185
67	Preexisting autoantibodies to type I IFNs underlie critical COVID-19 pneumonia in patients with APS-1. Journal of Experimental Medicine, 2021, 218, .	4.2	185
68	A Missense LRRK2 Variant Is a Risk Factor for Excessive Inflammatory Responses in Leprosy. PLoS Neglected Tropical Diseases, 2016, 10, e0004412.	1.3	181
69	Inherited and acquired immunodeficiencies underlying tuberculosis in childhood. Immunological Reviews, 2015, 264, 103-120.	2.8	180
70	A novel immunodeficiency associated with hypomorphic RAG1 mutations and CMV infection. Journal of Clinical Investigation, 2005, 115, 3291-3299.	3.9	177
71	Ribosomal Protein SA Haploinsufficiency in Humans with Isolated Congenital Asplenia. Science, 2013, 340, 976-978.	6.0	176
72	Whole-Exome-Sequencing-Based Discovery of Human FADD Deficiency. American Journal of Human Genetics, 2010, 87, 873-881.	2.6	171

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73	Inherited DOCK2 Deficiency in Patients with Early-Onset Invasive Infections. New England Journal of Medicine, 2015, 372, 2409-2422.	13.9	169
74	A partial form of recessive STAT1 deficiency in humans. Journal of Clinical Investigation, 2009, 119, 1502-1514.	3.9	167
75	Chromosome 6q25 is linked to susceptibility to leprosy in a Vietnamese population. Nature Genetics, 2003, 33, 412-415.	9.4	164
76	Inherited IL-17RC deficiency in patients with chronic mucocutaneous candidiasis. Journal of Experimental Medicine, 2015, 212, 619-631.	4.2	162
77	Inborn errors of immunity to infection. Journal of Experimental Medicine, 2005, 202, 197-201.	4.2	161
78	Immunology in natura: clinical, epidemiological and evolutionary genetics of infectious diseases. Nature Immunology, 2007, 8, 1165-1171.	7.0	155
79	Lifeâ€threatening infectious diseases of childhood: singleâ€gene inborn errors of immunity?. Annals of the New York Academy of Sciences, 2010, 1214, 18-33.	1.8	154
80	Human interferon-g-mediated immunity is a genetically controlled continuous trait that determines the outcome of mycobacterial invasion. Immunological Reviews, 2000, 178, 129-137.	2.8	153
81	Stepwise replication identifies a low-producing lymphotoxin-Î± allele as a major risk factor for early-onset leprosy. Nature Genetics, 2007, 39, 517-522.	9.4	152
82	Human IFN-Î³ immunity to mycobacteria is governed by both IL-12 and IL-23. Science Immunology, 2018, 3, .	5.6	152
83	Inherited IL-12p40 Deficiency. Medicine (United States), 2013, 92, 109-122.	0.4	151
84	Human genetics of infectious diseases: between proof of principle and paradigm. Journal of Clinical Investigation, 2009, 119, 2506-2514.	3.9	151
85	Tuberculosis and impaired IL-23â€“dependent IFN-Î³ immunity in humans homozygous for a common TYK2 missense variant. Science Immunology, 2018, 3, .	5.6	148
86	Human Tollâ€like receptorâ€dependent induction of interferons in protective immunity to viruses. Immunological Reviews, 2007, 220, 225-236.	2.8	147
87	Life-threatening influenza pneumonitis in a child with inherited IRF9 deficiency. Journal of Experimental Medicine, 2018, 215, 2567-2585.	4.2	146
88	Human genetics of tuberculosis: a long and winding road. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130428.	1.8	144
89	Human genetics of infectious diseases: a unified theory. EMBO Journal, 2007, 26, 915-922.	3.5	143
90	Two loci control tuberculin skin test reactivity in an area hyperendemic for tuberculosis. Journal of Experimental Medicine, 2009, 206, 2583-2591.	4.2	142

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91	Genome-Wide Association Study Identifies Variants Associated With Progression of Liver Fibrosis From HCV Infection. Gastroenterology, 2012, 143, 1244-1252.e12.	0.6	142
92	TLR3 immunity to infection in mice and humans. Current Opinion in Immunology, 2013, 25, 19-33.	2.4	141
93	Inherited CARD9 Deficiency in 2 Unrelated Patients With Invasive Exophiala Infection. Journal of Infectious Diseases, 2015, 211, 1241-1250.	1.9	141
94	IL28B alleles associated with poor hepatitis C virus (HCV) clearance protect against inflammation and fibrosis in patients infected with non-1 HCV genotypes. Hepatology, 2012, 55, 384-394.	3.6	138
95	Genetic, immunological, and clinical features of patients with bacterial and fungal infections due to inherited IL-17RA deficiency. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8277-E8285.	3.3	137
96	Malaria in Humans: Plasmodium falciparum Blood Infection Levels Are Linked to Chromosome 5q31-q33. American Journal of Human Genetics, 1998, 63, 498-505.	2.6	136
97	Human Mannose-binding Lectin in Immunity. Journal of Experimental Medicine, 2004, 199, 1295-1299.	4.2	135
98	Severe influenza pneumonitis in children with inherited TLR3 deficiency. Journal of Experimental Medicine, 2019, 216, 2038-2056.	4.2	134
99	Human RHOH deficiency causes T cell defects and susceptibility to EV-HPV infections. Journal of Clinical Investigation, 2012, 122, 3239-3247.	3.9	134
100	A recessive form of hyper-IgE syndrome by disruption of ZNF341-dependent STAT3 transcription and activity. Science Immunology, 2018, 3, .	5.6	132
101	Auto-antibodies to type I IFNs can underlie adverse reactions to yellow fever live attenuated vaccine. Journal of Experimental Medicine, 2021, 218, .	4.2	130
102	The Genetic Theory of Infectious Diseases: A Brief History and Selected Illustrations. Annual Review of Genomics and Human Genetics, 2013, 14, 215-243.	2.5	129
103	TLR3 deficiency in herpes simplex encephalitis. Neurology, 2014, 83, 1888-1897.	1.5	128
104	Novel primary immunodeficiencies revealed by the investigation of paediatric infectious diseases. Current Opinion in Immunology, 2008, 20, 39-48.	2.4	127
105	Inherited IFNAR1 deficiency in otherwise healthy patients with adverse reaction to measles and yellow fever live vaccines. Journal of Experimental Medicine, 2019, 216, 2057-2070.	4.2	127
106	Inborn errors of mucocutaneous immunity to Candida albicans in humans: a role for IL-17 cytokines?. Current Opinion in Immunology, 2010, 22, 467-474.	2.4	126
107	Inherited MST1 Deficiency Underlies Susceptibility to EV-HPV Infections. PLoS ONE, 2012, 7, e44010.	1.1	125
108	Inborn errors in RNA polymerase III underlie severe varicella zoster virus infections. Journal of Clinical Investigation, 2017, 127, 3543-3556.	3.9	125

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109	Clinical and epidemiological assessment of steroid-resistant nephrotic syndrome associated with the NPHS2 R229Q variant. Kidney International, 2009, 75, 727-735.	2.6	119
110	Inherited human OX40 deficiency underlying classic Kaposi sarcoma of childhood. Journal of Experimental Medicine, 2013, 210, 1743-1759.	4.2	119
111	Genetics of human susceptibility to active and latent tuberculosis: present knowledge and future perspectives. Lancet Infectious Diseases, The, 2018, 18, e64-e75.	4.6	119
112	Dual T cellâ€“ and B cellâ€“intrinsic deficiency in humans with biallelic RLTPR mutations. Journal of Experimental Medicine, 2016, 213, 2413-2435.	4.2	117
113	Recurrent rhinovirus infections in a child with inherited MDA5 deficiency. Journal of Experimental Medicine, 2017, 214, 1949-1972.	4.2	117
114	Revisiting Crohn's disease as a primary immunodeficiency of macrophages. Journal of Experimental Medicine, 2009, 206, 1839-1843.	4.2	116
115	Host genetics of severe influenza: from mouse Mx1 to human IRF7. Current Opinion in Immunology, 2016, 38, 109-120.	2.4	115
116	Inherited GINS1 deficiency underlies growth retardation along with neutropenia and NK cell deficiency. Journal of Clinical Investigation, 2017, 127, 1991-2006.	3.9	115
117	Evolutionary insights into the high worldwide prevalence of MBL2 deficiency alleles. Human Molecular Genetics, 2006, 15, 2650-2658.	1.4	114
118	A Novel Primary Immunodeficiency with Specific Natural-Killer Cell Deficiency Maps to the Centromeric Region of Chromosome 8. American Journal of Human Genetics, 2006, 78, 721-727.	2.6	113
119	Human genetic variants and age are the strongest predictors of humoral immune responses to common pathogens and vaccines. Genome Medicine, 2018, 10, 59.	3.6	113
120	Estimating the age of rare disease mutations: the example of Triple-A syndrome. Journal of Medical Genetics, 2004, 41, 445-449.	1.5	112
121	IL-12RÎ²1 Deficiency in Two of Fifty Children with Severe Tuberculosis from Iran, Morocco, and Turkey. PLoS ONE, 2011, 6, e18524.	1.1	111
122	Life-Threatening COVID-19: Defective Interferons Unleash Excessive Inflammation. Med, 2020, 1, 14-20.	2.2	110
123	The risk of COVID-19 death is much greater and age dependent with type I IFN autoantibodies. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200413119.	3.3	110
124	Alleles of the NRAMP1 gene are risk factors for pediatric tuberculosis disease. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12183-12188.	3.3	108
125	The gene for incontinentia pigmenti is assigned to Xq28. Genomics, 1989, 4, 427-429.	1.3	107
126	Mycobacterial disease in patients with chronic granulomatous disease: AÂretrospective analysis of 71 cases. Journal of Allergy and Clinical Immunology, 2016, 138, 241-248.e3.	1.5	106

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127	Polyclonal expansion of TCR Vî² 21.3 ⁺ CD4 ⁺ and CD8 ⁺ T cells is a hallmark of multisystem inflammatory syndrome in children. Science Immunology, 2021, 6, .	5.6	105
128	An autosomal dominant major gene confers predisposition to pulmonary tuberculosis in adults. Journal of Experimental Medicine, 2006, 203, 1679-1684.	4.2	104
129	Susceptibility to Periportal (Symmers) Fibrosis in HumanSchistosoma mansoniInfections: Evidence That Intensity and Duration of Infection, Gender, and Inherited Factors Are Critical in Disease Progression. Journal of Infectious Diseases, 1999, 180, 1298-1306.	1.9	103
130	Partial recessive IFN-Î³R1 deficiency: genetic, immunological and clinical features of 14 patients from 11 kindreds. Human Molecular Genetics, 2011, 20, 1509-1523.	1.4	102
131	Major histocompatibility complex class II expression deficiency caused by a RFXANK founder mutation: a survey of 35 patients. Blood, 2011, 118, 5108-5118.	0.6	102
132	Genetic susceptibility to herpes simplex virus 1 encephalitis in mice and humans. Current Opinion in Allergy and Clinical Immunology, 2007, 7, 495-505.	1.1	101
133	SARS-CoV-2â€“related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. Journal of Experimental Medicine, 2021, 218, .	4.2	100
134	Neutralizing Autoantibodies to Type I IFNs in >10% of Patients with Severe COVID-19 Pneumonia Hospitalized in Madrid, Spain. Journal of Clinical Immunology, 2021, 41, 914-922.	2.0	100
135	Inherited p40phox deficiency differs from classic chronic granulomatous disease. Journal of Clinical Investigation, 2018, 128, 3957-3975.	3.9	99
136	Clinical Features of Candidiasis in Patients With Inherited Interleukin 12 Receptor Î²1 Deficiency. Clinical Infectious Diseases, 2014, 58, 204-213.	2.9	98
137	Disruption of an antimycobacterial circuit between dendritic and helper T cells in human SPPL2a deficiency. Nature Immunology, 2018, 19, 973-985.	7.0	96
138	Leprosy as a genetic disease. Mammalian Genome, 2011, 22, 19-31.	1.0	94
139	Clinical epidemiology of laboratory-confirmed Buruli ulcer in Benin: a cohort study. The Lancet Global Health, 2014, 2, e422-e430.	2.9	94
140	Autosomal Recessive Cardiomyopathy Presenting as Acute Myocarditis. Journal of the American College of Cardiology, 2017, 69, 1653-1665.	1.2	94
141	A novel form of human STAT1 deficiency impairing early but not late responses to interferons. Blood, 2010, 116, 5895-5906.	0.6	93
142	A Patient with Tyrosine Kinase 2 Deficiency without Hyper-IgE Syndrome. Journal of Pediatrics, 2012, 160, 1055-1057.	0.9	92
143	Inborn Errors of RNA Lariat Metabolism in Humans with Brainstem Viral Infection. Cell, 2018, 172, 952-965.e18.	13.5	92
144	The human CIB1â€“EVER1â€“EVER2 complex governs keratinocyte-intrinsic immunity to Î²-papillomaviruses. Journal of Experimental Medicine, 2018, 215, 2289-2310.	4.2	92

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145	Homozygous NLRP1 gain-of-function mutation in siblings with a syndromic form of recurrent respiratory papillomatosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19055-19063.	3.3	92
146	Inherited human IFN-Î³ deficiency underlies mycobacterial disease. Journal of Clinical Investigation, 2020, 130, 3158-3171.	3.9	89
147	The interplay between environmental and host factors during an outbreak of visceral leishmaniasis in eastern Sudan. Microbes and Infection, 2002, 4, 1449-1457.	1.0	88
148	Homozygosity for TYK2 P1104A underlies tuberculosis in about 1% of patients in a cohort of European ancestry. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10430-10434.	3.3	87
149	Merkel cell polyomavirus infection occurs during early childhood and is transmitted between siblings. Journal of Clinical Virology, 2013, 58, 288-291.	1.6	86
150	The impact of host genetics on susceptibility to human infectious diseases. Current Opinion in Immunology, 1997, 9, 509-516.	2.4	85
151	Age-Dependent Mendelian Predisposition to Herpes Simplex Virus Type 1 Encephalitis in Childhood. Journal of Pediatrics, 2010, 157, 623-629.e1.	0.9	85
152	Genetic lessons learned from Xâ€linked Mendelian susceptibility to mycobacterial diseases. Annals of the New York Academy of Sciences, 2011, 1246, 92-101.	1.8	85
153	Standardized Whole-Blood Transcriptional Profiling Enables the Deconvolution of Complex Induced Immune Responses. Cell Reports, 2016, 16, 2777-2791.	2.9	84
154	Human T-bet Governs Innate and Innate-like Adaptive IFN-Î³ Immunity against Mycobacteria. Cell, 2020, 183, 1826-1847.e31.	13.5	83
155	Human genetics of infectious diseases: Unique insights into immunological redundancy. Seminars in Immunology, 2018, 36, 1-12.	2.7	82
156	Granulomatous Reaction to Intradermal Injection of Lepromin (Mitsuda Reaction) Is Linked to the HumanNRAMP1Gene in Vietnamese Leprosy Sibships. Journal of Infectious Diseases, 2000, 181, 302-308.	1.9	81
157	Genetic control of visceral leishmaniasis in a Sudanese population: candidate gene testing indicates a linkage to the NRAMP1 region. Genes and Immunity, 2003, 4, 104-109.	2.2	80
158	Genetic dissection of immunity in leprosy. Current Opinion in Immunology, 2005, 17, 44-48.	2.4	80
159	Leprosy as a genetic model for susceptibility to common infectious diseases. Human Genetics, 2008, 123, 227-235.	1.8	79
160	Rhinoscleroma: A French National Retrospective Study of Epidemiological and Clinical Features. Clinical Infectious Diseases, 2008, 47, 1396-1402.	2.9	79
161	The human gene connectome as a map of short cuts for morbid allele discovery. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5558-5563.	3.3	79
162	Evaluation of a Model for Efficient Screening of Tuberculosis Contact Subjects. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 1041-1047.	2.5	77

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163	Lethal Infectious Diseases as Inborn Errors of Immunity: Toward a Synthesis of the Germ and Genetic Theories. Annual Review of Pathology: Mechanisms of Disease, 2021, 16, 23-50.	9.6	77
164	Human SNORA31 variations impair cortical neuron-intrinsic immunity to HSV-1 and underlie herpes simplex encephalitis. Nature Medicine, 2019, 25, 1873-1884.	15.2	76
165	Full results of the genome-wide scan which localises a locus controlling the intensity of infection by Schistosoma mansoni on chromosome 5q31â€“q33. European Journal of Human Genetics, 1999, 7, 88-97.	1.4	75
166	Invasive Pneumococcal Disease in Children Can Reveal a Primary Immunodeficiency. Clinical Infectious Diseases, 2014, 59, 244-251.	2.9	75
167	A narrow repertoire of transcriptional modules responsive to pyogenic bacteria is impaired in patients carrying loss-of-function mutations in MYD88 or IRAK4. Nature Immunology, 2014, 15, 1134-1142.	7.0	75
168	A Major Susceptibility Locus on Chromosome 22q12 Plays a Critical Role in the Control of Kala-Azar. American Journal of Human Genetics, 2003, 73, 1052-1060.	2.6	74
169	Isolated Congenital Asplenia: A French Nationwide Retrospective Survey of 20 Cases. Journal of Pediatrics, 2011, 158, 142-148.e1.	0.9	74
170	Complex segregation analysis of leprosy in Southern Vietnam. Genetic Epidemiology, 1995, 12, 63-82.	0.6	72
171	Mechanisms of viral inflammation and disease in humans. Science, 2021, 374, 1080-1086.	6.0	72
172	Studying severe long COVID to understand post-infectious disorders beyond COVID-19. Nature Medicine, 2022, 28, 879-882.	15.2	72
173	The Milieu IntÃ©rieur study â€" An integrative approach for study of human immunological variance. Clinical Immunology, 2015, 157, 277-293.	1.4	71
174	Crohn's Disease Susceptibility Genes are Associated With Leprosy in the Vietnamese Population. Journal of Infectious Diseases, 2012, 206, 1763-1767.	1.9	70
175	Inherited IL-18BP deficiency in human fulminant viral hepatitis. Journal of Experimental Medicine, 2019, 216, 1777-1790.	4.2	70
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