Laurent Abel

List of Publications by Citations

393 papers	33,836 citations	98 h-index	172 g-index
423 ext. papers	41,028 ext. citations	12.9 avg, IF	6.75 L-index

#	Paper	IF	Citations
393	Chronic mucocutaneous candidiasis in humans with inborn errors of interleukin-17 immunity. *Science*, **2011**, 332, 65-8	33.3	1309
392	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	1090
391	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	994
390	TLR3 deficiency in patients with herpes simplex encephalitis. *Science*, **2007**, 317, 1522-7	33.3	842
389	Genetic dissection of immunity to mycobacteria: the human model. *Annual Review of Immunology*, **2002**, 20, 581-620	34.7	771
388	Mutations of the RET proto-oncogene in Hirschsprung's disease. *Nature*, **1994**, 367, 378-80	50.4	674
387	Pyogenic bacterial infections in humans with MyD88 deficiency. *Science*, **2008**, 321, 691-6	33.3	608
386	Herpes simplex virus encephalitis in human UNC-93B deficiency. *Science*, **2006**, 314, 308-12	33.3	601
385	Gain-of-function human STAT1 mutations impair IL-17 immunity and underlie chronic mucocutaneous candidiasis. *Journal of Experimental Medicine*, **2011**, 208, 1635-48	16.6	599
384	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, 291-7	16.6	556
383	IRF8 mutations and human dendritic-cell immunodeficiency. *New England Journal of Medicine*, **2011**, 365, 127-38	59.2	469
382	Mendelian susceptibility to mycobacterial disease: genetic, immunological, and clinical features of inborn errors of IFN-γ immunity. *Seminars in Immunology*, **2014**, 26, 454-70	10.7	401
381	Mutations in STAT3 and IL12RB1 impair the development of human IL-17-producing T cells. *Journal of Experimental Medicine*, **2008**, 205, 1543-50	16.6	361
380	Susceptibility to leprosy is associated with PARK2 and PACRG. *Nature*, **2004**, 427, 636-40	50.4	354
379	Mycobacterial disease and impaired IFN-γ immunity in humans with inherited ISG15 deficiency. *Science*, **2012**, 337, 1684-8	33.3	348
378	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, 5473-8	11.5	332
377	Selective predisposition to bacterial infections in IRAK-4-deficient children: IRAK-4-dependent TLRs are otherwise redundant in protective immunity. *Journal of Experimental Medicine*, **2007**, 204, 2407-22	16.6	329

376	Human intracellular ISG15 prevents interferon-α over-amplification and auto-inflammation. *Nature*, **2015**, 517, 89-93	50.4	311
375	Clinical features and outcome of patients with IRAK-4 and MyD88 deficiency. *Medicine (United States)*, **2010**, 89, 403-425	1.8	297
374	IMMUNODEFICIENCIES. Impairment of immunity to Candida and Mycobacterium in humans with bi-allelic RORC mutations. *Science*, **2015**, 349, 606-613	33.3	291
373	Infectious disease. Life-threatening influenza and impaired interferon amplification in human IRF7 deficiency. *Science*, **2015**, 348, 448-53	33.3	285
372	Genetic localization of a locus controlling the intensity of infection by Schistosoma mansoni on chromosome 5q31-q33. *Nature Genetics*, **1996**, 14, 181-4	36.3	278
371	Revisiting human IL-12Rβ1 deficiency: a survey of 141 patients from 30 countries. *Medicine (United States)*, **2010**, 89, 381-402	1.8	277
370	Evolutionary dynamics of human Toll-like receptors and their different contributions to host defense. *PLoS Genetics*, **2009**, 5, e1000562	6	272
369	Human TRAF3 adaptor molecule deficiency leads to impaired Toll-like receptor 3 response and susceptibility to herpes simplex encephalitis. *Immunity*, **2010**, 33, 400-11	32.3	262
368	Low penetrance, broad resistance, and favorable outcome of interleukin 12 receptor beta1 deficiency: medical and immunological implications. *Journal of Experimental Medicine*, **2003**, 197, 527-35	16.6	256
367	Human TLRs and IL-1Rs in host defense: natural insights from evolutionary, epidemiological, and clinical genetics. *Annual Review of Immunology*, **2011**, 29, 447-91	34.7	255
366	Deep dermatophytosis and inherited CARD9 deficiency. *New England Journal of Medicine*, **2013**, 369, 1704-1714	59.2	245
365	Impaired intrinsic immunity to HSV-1 in human iPSC-derived TLR3-deficient CNS cells. *Nature*, **2012**, 491, 769-73	50.4	240
364	Whole-exome sequencing-based discovery of STIM1 deficiency in a child with fatal classic Kaposi sarcoma. *Journal of Experimental Medicine*, **2010**, 207, 2307-12	16.6	236
363	Primary immunodeficiencies: a field in its infancy. *Science*, **2007**, 317, 617-9	33.3	236
362	Susceptibility to leprosy is linked to the human NRAMP1 gene. *Journal of Infectious Diseases*, **1998**, 177, 133-45	7	234
361	Inherited interleukin-12 deficiency: IL12B genotype and clinical phenotype of 13 patients from six kindreds. *American Journal of Human Genetics*, **2002**, 70, 336-48	11	229
360	Herpes simplex encephalitis in children with autosomal recessive and dominant TRIF deficiency. *Journal of Clinical Investigation*, **2011**, 121, 4889-902	15.9	227
359	Human herpesvirus 8 transmission from mother to child and between siblings in an endemic population. *Lancet, The*, **2000**, 356, 1062-5	40	226

358	Herpes simplex virus encephalitis in a patient with complete TLR3 deficiency: TLR3 is otherwise redundant in protective immunity. *Journal of Experimental Medicine*, **2011**, 208, 2083-98	16.6	223
357	X-linked susceptibility to mycobacteria is caused by mutations in NEMO impairing CD40-dependent IL-12 production. *Journal of Experimental Medicine*, **2006**, 203, 1745-59	16.6	222
356	Inborn errors of interferon (IFN)-mediated immunity in humans: insights into the respective roles of IFN-alpha/beta, IFN-gamma, and IFN-lambda in host defense. *Immunological Reviews*, **2008**, 226, 29-40	11.3	220
355	The human model: a genetic dissection of immunity to infection in natural conditions. *Nature Reviews Immunology*, **2004**, 4, 55-66	36.5	212
354	Human TYK2 deficiency: Mycobacterial and viral infections without hyper-IgE syndrome. *Journal of Experimental Medicine*, **2015**, 212, 1641-62	16.6	209
353	Inborn errors of human IL-17 immunity underlie chronic mucocutaneous candidiasis. *Current Opinion in Allergy and Clinical Immunology*, **2012**, 12, 616-22	3.3	208
352	An ACT1 mutation selectively abolishes interleukin-17 responses in humans with chronic mucocutaneous candidiasis. *Immunity*, **2013**, 39, 676-86	32.3	204
351	Germline CYBB mutations that selectively affect macrophages in kindreds with X-linked predisposition to tuberculous mycobacterial disease. *Nature Immunology*, **2011**, 12, 213-21	19.1	202
350	Partial MCM4 deficiency in patients with growth retardation, adrenal insufficiency, and natural killer cell deficiency. *Journal of Clinical Investigation*, **2012**, 122, 821-32	15.9	201
349	Heterozygous TBK1 mutations impair TLR3 immunity and underlie herpes simplex encephalitis of childhood. *Journal of Experimental Medicine*, **2012**, 209, 1567-82	16.6	196
348	Inborn errors of human STAT1: allelic heterogeneity governs the diversity of immunological and infectious phenotypes. *Current Opinion in Immunology*, **2012**, 24, 364-78	7.8	194
347	Characterization of Greater Middle Eastern genetic variation for enhanced disease gene discovery. *Nature Genetics*, **2016**, 48, 1071-6	36.3	192
346	Tuberculosis in children and adults: two distinct genetic diseases. *Journal of Experimental Medicine*, **2005**, 202, 1617-21	16.6	179
345	Human adenylate kinase 2 deficiency causes a profound hematopoietic defect associated with sensorineural deafness. *Nature Genetics*, **2009**, 41, 106-11	36.3	173
344	The mutation significance cutoff: gene-level thresholds for variant predictions. *Nature Methods*, **2016**, 13, 109-10	21.6	171
343	Human HOIP and LUBAC deficiency underlies autoinflammation, immunodeficiency, amylopectinosis, and lymphangiectasia. *Journal of Experimental Medicine*, **2015**, 212, 939-51	16.6	171
342	Severe hepatic fibrosis in Schistosoma mansoni infection is controlled by a major locus that is closely linked to the interferon-gamma receptor gene. *American Journal of Human Genetics*, **1999**, 65, 709-21	11	171
341	Gains of glycosylation comprise an unexpectedly large group of pathogenic mutations. *Nature Genetics*, **2005**, 37, 692-700	36.3	168

340	A gene for Hirschsprung disease maps to the proximal long arm of chromosome 10. *Nature Genetics* , **1993**, 4, 346-50	36.3	168
339	Primary immunodeficiency diseases worldwide: more common than generally thought. *Journal of Clinical Immunology*, **2013**, 33, 1-7	5.7	166
338	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, 1000-8	7	165
337	Guidelines for genetic studies in single patients: lessons from primary immunodeficiencies. *Journal of Experimental Medicine*, **2014**, 211, 2137-49	16.6	158
336	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, 13615-20	11.5	152
335	Genomic Signatures of Selective Pressures and Introgression from Archaic Hominins at Human Innate Immunity Genes. *American Journal of Human Genetics*, **2016**, 98, 5-21	11	149
334	A novel immunodeficiency associated with hypomorphic RAG1 mutations and CMV infection. *Journal of Clinical Investigation*, **2005**, 115, 3291-9	15.9	149
333	Whole-exome-sequencing-based discovery of human FADD deficiency. *American Journal of Human Genetics*, **2010**, 87, 873-81	11	148
332	Ribosomal protein SA haploinsufficiency in humans with isolated congenital asplenia. *Science*, **2013**, 340, 976-8	33.3	145
331	Inherited CARD9 deficiency in otherwise healthy children and adults with Candida species-induced meningoencephalitis, colitis, or both. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 1558-68.e2	11.5	143
330	A partial form of recessive STAT1 deficiency in humans. *Journal of Clinical Investigation*, **2009**, 119, 1502-14	15.9	140
329	Chromosome 6q25 is linked to susceptibility to leprosy in a Vietnamese population. *Nature Genetics* , **2003**, 33, 412-5	36.3	138
328	Stepwise replication identifies a low-producing lymphotoxin-alpha allele as a major risk factor for early-onset leprosy. *Nature Genetics*, **2007**, 39, 517-22	36.3	135
327	Inherited and acquired immunodeficiencies underlying tuberculosis in childhood. *Immunological Reviews*, **2015**, 264, 103-20	11.3	133
326	Inborn errors of immunity to infection: the rule rather than the exception. *Journal of Experimental Medicine*, **2005**, 202, 197-201	16.6	133
325	Human interferon-gamma-mediated immunity is a genetically controlled continuous trait that determines the outcome of mycobacterial invasion. *Immunological Reviews*, **2000**, 178, 129-37	11.3	133
324	Inherited IL-17RC deficiency in patients with chronic mucocutaneous candidiasis. *Journal of Experimental Medicine*, **2015**, 212, 619-31	16.6	130
323	Life-threatening infectious diseases of childhood: single-gene inborn errors of immunity?. *Annals of the New York Academy of Sciences*, **2010**, 1214, 18-33	6.5	129

322	Immunology in natura: clinical, epidemiological and evolutionary genetics of infectious diseases. *Nature Immunology*, **2007**, 8, 1165-71	19.1	129
321	Human genetics of infectious diseases: between proof of principle and paradigm. *Journal of Clinical Investigation*, **2009**, 119, 2506-14	15.9	128
320	Two loci control tuberculin skin test reactivity in an area hyperendemic for tuberculosis. *Journal of Experimental Medicine*, **2009**, 206, 2583-91	16.6	126
319	Inherited DOCK2 Deficiency in Patients with Early-Onset Invasive Infections. *New England Journal of Medicine*, **2015**, 372, 2409-22	59.2	125
318	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, 384-94	11.2	124
317	Human Toll-like receptor-dependent induction of interferons in protective immunity to viruses. *Immunological Reviews*, **2007**, 220, 225-36	11.3	122
316	Inherited IL-12p40 deficiency: genetic, immunologic, and clinical features of 49 patients from 30 kindreds. *Medicine (United States)*, **2013**, 92, 109-122	1.8	121
315	Malaria in humans: Plasmodium falciparum blood infection levels are linked to chromosome 5q31-q33. *American Journal of Human Genetics*, **1998**, 63, 498-505	11	120
314	Functional analysis via standardized whole-blood stimulation systems defines the boundaries of a healthy immune response to complex stimuli. *Immunity*, **2014**, 40, 436-50	32.3	118
313	Human genetics of tuberculosis: a long and winding road. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2014**, 369, 20130428	5.8	114
312	TLR3 immunity to infection in mice and humans. *Current Opinion in Immunology*, **2013**, 25, 19-33	7.8	114
311	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. *Cell*, **2020**, 181, 1194-1199	56.2	113
310	Novel primary immunodeficiencies revealed by the investigation of paediatric infectious diseases. *Current Opinion in Immunology*, **2008**, 20, 39-48	7.8	113
309	Human Mannose-binding Lectin in Immunity: Friend, Foe, or Both?. *Journal of Experimental Medicine* , **2004**, 199, 1295-9	16.6	113
308	Inborn errors of mucocutaneous immunity to Candida albicans in humans: a role for IL-17 cytokines?. *Current Opinion in Immunology*, **2010**, 22, 467-74	7.8	112
307	Genome-wide association study identifies variants associated with progression of liver fibrosis from HCV infection. *Gastroenterology*, **2012**, 143, 1244-1252.e12	13.3	111
306	Exome and genome sequencing for inborn errors of immunity. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 957-969	11.5	111
305	Human RHOH deficiency causes T cell defects and susceptibility to EV-HPV infections. *Journal of Clinical Investigation*, **2012**, 122, 3239-47	15.9	109

304	Revisiting Crohn's disease as a primary immunodeficiency of macrophages. *Journal of Experimental Medicine*, **2009**, 206, 1839-43	16.6	107
303	Human genetics of infectious diseases: a unified theory. *EMBO Journal*, **2007**, 26, 915-22	13	107
302	TLR3 deficiency in herpes simplex encephalitis: high allelic heterogeneity and recurrence risk. *Neurology*, **2014**, 83, 1888-97	6.5	105
301	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, 12183-8	11.5	103
300	Inherited CARD9 deficiency in 2 unrelated patients with invasive Exophiala infection. *Journal of Infectious Diseases*, **2015**, 211, 1241-50	7	101
299	Inherited MST1 deficiency underlies susceptibility to EV-HPV infections. *PLoS ONE*, **2012**, 7, e44010	3.7	101
298	Clinical and epidemiological assessment of steroid-resistant nephrotic syndrome associated with the NPHS2 R229Q variant. *Kidney International*, **2009**, 75, 727-35	9.9	100
297	Estimating the age of rare disease mutations: the example of Triple-A syndrome. *Journal of Medical Genetics*, **2004**, 41, 445-9	5.8	100
296	Inherited human OX40 deficiency underlying classic Kaposi sarcoma of childhood. *Journal of Experimental Medicine*, **2013**, 210, 1743-59	16.6	99
295	Life-threatening influenza pneumonitis in a child with inherited IRF9 deficiency. *Journal of Experimental Medicine*, **2018**, 215, 2567-2585	16.6	98
294	The genetic theory of infectious diseases: a brief history and selected illustrations. *Annual Review of Genomics and Human Genetics*, **2013**, 14, 215-43	9.7	98
293	An autosomal dominant major gene confers predisposition to pulmonary tuberculosis in adults. *Journal of Experimental Medicine*, **2006**, 203, 1679-84	16.6	97
292	The gene for incontinentia pigmenti is assigned to Xq28. *Genomics*, **1989**, 4, 427-9	4.3	95
291	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	11.5	94
290	Susceptibility to periportal (Symmers) fibrosis in human schistosoma mansoni infections: evidence that intensity and duration of infection, gender, and inherited factors are critical in disease progression. *Journal of Infectious Diseases*, **1999**, 180, 1298-306	7	92
289	IL-12R1 deficiency in two of fifty children with severe tuberculosis from Iran, Morocco, and Turkey. *PLoS ONE*, **2011**, 6, e18524	3.7	91
288	Evolutionary insights into the high worldwide prevalence of MBL2 deficiency alleles. *Human Molecular Genetics*, **2006**, 15, 2650-8	5.6	91
287	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, 721-7	11	91

286	Inborn errors in RNA polymerase III underlie severe varicella zoster virus infections. *Journal of Clinical Investigation*, **2017**, 127, 3543-3556	15.9	91
285	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,	28	91
284	A Missense LRRK2 Variant Is a Risk Factor for Excessive Inflammatory Responses in Leprosy. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004412	4.8	89
283	Tuberculosis and impaired IL-23-dependent IFN-γ immunity in humans homozygous for a common missense variant. *Science Immunology*, **2018**, 3,	28	88
282	A patient with tyrosine kinase 2 deficiency without hyper-IgE syndrome. *Journal of Pediatrics*, **2012**, 160, 1055-7	3.6	86
281	Genetic susceptibility to herpes simplex virus 1 encephalitis in mice and humans. *Current Opinion in Allergy and Clinical Immunology*, **2007**, 7, 495-505	3.3	86
280	Major histocompatibility complex class II expression deficiency caused by a RFXANK founder mutation: a survey of 35 patients. *Blood*, **2011**, 118, 5108-18	2.2	84
279	Severe influenza pneumonitis in children with inherited TLR3 deficiency. *Journal of Experimental Medicine*, **2019**, 216, 2038-2056	16.6	83
278	Human IFN-γ immunity to mycobacteria is governed by both IL-12 and IL-23. *Science Immunology*, **2018**, 3,	28	83
277	A recessive form of hyper-IgE syndrome by disruption of ZNF341-dependent STAT3 transcription and activity. *Science Immunology*, **2018**, 3,	28	82
276	Host genetics of severe influenza: from mouse Mx1 to human IRF7. *Current Opinion in Immunology*, **2016**, 38, 109-20	7.8	81
275	Clinical features of Candidiasis in patients with inherited interleukin 12 receptor β1 deficiency. *Clinical Infectious Diseases*, **2014**, 58, 204-13	11.6	81
274	Recurrent rhinovirus infections in a child with inherited MDA5 deficiency. *Journal of Experimental Medicine*, **2017**, 214, 1949-1972	16.6	80
273	Preexisting autoantibodies to type I IFNs underlie critical COVID-19 pneumonia in patients with APS-1. *Journal of Experimental Medicine*, **2021**, 218,	16.6	79
272	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	16.6	77
271	A novel form of human STAT1 deficiency impairing early but not late responses to interferons. *Blood*, **2010**, 116, 5895-906	2.2	77
270	Mycobacterial disease in patients with chronic granulomatous disease: A´retrospective analysis of 71 cases. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 241-248.e3	11.5	76
269	Leprosy as a genetic disease. *Mammalian Genome*, **2011**, 22, 19-31	3.2	76

268	Dual T cell- and B cell-intrinsic deficiency in humans with biallelic RLTPR mutations. *Journal of Experimental Medicine*, **2016**, 213, 2413-2435	16.6	75
267	Partial recessive IFN-γR1 deficiency: genetic, immunological and clinical features of 14 patients from 11 kindreds. *Human Molecular Genetics*, **2011**, 20, 1509-23	5.6	75
266	Age-dependent Mendelian predisposition to herpes simplex virus type 1 encephalitis in childhood. *Journal of Pediatrics*, **2010**, 157, 623-9, 629.e1	3.6	75
265	Genetics of human susceptibility to active and latent tuberculosis: present knowledge and future perspectives. *Lancet Infectious Diseases, The*, **2018**, 18, e64-e75	25.5	74
264	The interplay between environmental and host factors during an outbreak of visceral leishmaniasis in eastern Sudan. *Microbes and Infection*, **2002**, 4, 1449-57	9.3	74
263	Genetic control of visceral leishmaniasis in a Sudanese population: candidate gene testing indicates a linkage to the NRAMP1 region. *Genes and Immunity*, **2003**, 4, 104-9	4.4	73
262	Inherited GINS1 deficiency underlies growth retardation along with neutropenia and NK cell deficiency. *Journal of Clinical Investigation*, **2017**, 127, 1991-2006	15.9	73
261	The impact of host genetics on susceptibility to human infectious diseases. *Current Opinion in Immunology*, **1997**, 9, 509-16	7.8	72
260	Genetic dissection of immunity in leprosy. *Current Opinion in Immunology*, **2005**, 17, 44-8	7.8	71
259	Clinical epidemiology of laboratory-confirmed Buruli ulcer in Benin: a cohort study. *The Lancet Global Health*, **2014**, 2, e422-30	13.6	70
258	A major susceptibility locus on chromosome 22q12 plays a critical role in the control of kala-azar. *American Journal of Human Genetics*, **2003**, 73, 1052-60	11	69
257	Granulomatous reaction to intradermal injection of lepromin (Mitsuda reaction) is linked to the human NRAMP1 gene in Vietnamese leprosy sibships. *Journal of Infectious Diseases*, **2000**, 181, 302-8	7	69
256	Full results of the genome-wide scan which localises a locus controlling the intensity of infection by Schistosoma mansoni on chromosome 5q31-q33. *European Journal of Human Genetics*, **1999**, 7, 88-97	5.3	69
255	Merkel cell polyomavirus infection occurs during early childhood and is transmitted between siblings. *Journal of Clinical Virology*, **2013**, 58, 288-91	14.5	68
254	Disruption of an antimycobacterial circuit between dendritic and helper T cells in human SPPL2a deficiency. *Nature Immunology*, **2018**, 19, 973-985	19.1	67
253	Genetic lessons learned from X-linked Mendelian susceptibility to mycobacterial diseases. *Annals of the New York Academy of Sciences*, **2011**, 1246, 92-101	6.5	67
252	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. *Science Immunology*, **2021**, 6,	28	67
251	Rhinoscleroma: a French national retrospective study of epidemiological and clinical features. *Clinical Infectious Diseases*, **2008**, 47, 1396-402	11.6	65

250	Inherited p40phox deficiency differs from classic chronic granulomatous disease. *Journal of Clinical Investigation*, **2018**, 128, 3957-3975	15.9	65
249	Autosomal Recessive Cardiomyopathy Presenting as Acute Myocarditis. *Journal of the American College of Cardiology*, **2017**, 69, 1653-1665	15.1	64
248	Inborn Errors of RNA Lariat Metabolism in Humans with Brainstem Viral Infection. *Cell*, **2018**, 172, 952-965.e18	36.2	64
247	Human genetic variants and age are the strongest predictors of humoral immune responses to common pathogens and vaccines. *Genome Medicine*, **2018**, 10, 59	14.4	64
246	Leprosy as a genetic model for susceptibility to common infectious diseases. *Human Genetics*, **2008**, 123, 227-35	6.3	63
245	Genetic predisposition to clinical tuberculosis: bridging the gap between simple and complex inheritance. *American Journal of Human Genetics*, **2000**, 67, 274-7	11	62
244	Crohn's disease susceptibility genes are associated with leprosy in the Vietnamese population. *Journal of Infectious Diseases*, **2012**, 206, 1763-7	7	61
243	Robustness and power of the maximum-likelihood-binomial and maximum-likelihood-score methods, in multipoint linkage analysis of affected-sibship data. *American Journal of Human Genetics*, **1998**, 63, 638-47	11	60
242	Association of IL12RB1 polymorphisms with pulmonary tuberculosis in adults in Morocco. *Journal of Infectious Diseases*, **2004**, 190, 580-7	7	60
241	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, 5558-63	11.5	59
240	Human Adaptive Immunity Rescues an Inborn Error of Innate Immunity. *Cell*, **2017**, 168, 789-800.e10	56.2	57
239	NEMO is a key component of NF-B- and IRF-3-dependent TLR3-mediated immunity to herpes simplex virus. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 610-7.e1-4	11.5	57
238	Genetic and functional analysis of common MRC1 exon 7 polymorphisms in leprosy susceptibility. *Human Genetics*, **2010**, 127, 337-48	6.3	57
237	Primary immunodeficiencies of protective immunity to primary infections. *Clinical Immunology*, **2010**, 135, 204-9	9	57
236	Evaluation of a model for efficient screening of tuberculosis contact subjects. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 177, 1041-7	10.2	57
235	Complex segregation analysis of leprosy in southern Vietnam. *Genetic Epidemiology*, **1995**, 12, 63-82	2.6	57
234	The human CIB1-EVER1-EVER2 complex governs keratinocyte-intrinsic immunity to papillomaviruses. *Journal of Experimental Medicine*, **2018**, 215, 2289-2310	16.6	56
233	Invasive pneumococcal disease in children can reveal a primary immunodeficiency. *Clinical Infectious Diseases*, **2014**, 59, 244-51	11.6	56

232	Human primary immunodeficiencies of type I interferons. *Biochimie*, **2007**, 89, 878-83	4.6	56
231	Mendelian traits that confer predisposition or resistance to specific infections in humans. *Current Opinion in Immunology*, **2006**, 18, 383-90	7.8	55
230	Value of antibiotic levels in serum and cardiac vegetations for predicting antibacterial effect of ceftriaxone in experimental Escherichia coli endocarditis. *Antimicrobial Agents and Chemotherapy*, **1987**, 31, 1632-9	5.9	55
229	Homozygous 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	11.5	55
228	Human genetics of infectious diseases: Unique insights into immunological redundancy. *Seminars in Immunology*, **2018**, 36, 1-12	10.7	53
227	Haploinsufficiency at the human IFNGR2 locus contributes to mycobacterial disease. *Human Molecular Genetics*, **2013**, 22, 769-81	5.6	53
226	Isolated congenital asplenia: a French nationwide retrospective survey of 20 cases. *Journal of Pediatrics*, **2011**, 158, 142-8, 148.e1	3.6	53
225	Association of killer cell immunoglobulin-like receptor genes with Hodgkin's lymphoma in a familial study. *PLoS ONE*, **2007**, 2, e406	3.7	52
224	Environmental, genetic and immunological factors in human resistance to Schistosoma mansoni. *Immunological Investigations*, **1992**, 21, 423-53	2.9	52
223	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, 1134-42	19.1	51
222	High heritability of antimycobacterial immunity in an area of hyperendemicity for tuberculosis disease. *Journal of Infectious Diseases*, **2010**, 201, 15-9	7	51
221	Respective roles of serological status and blood specific antihuman herpesvirus 8 antibody levels in human herpesvirus 8 intrafamilial transmission in a highly endemic area. *Cancer Research*, **2004**, 64, 8782-7	10.1	50
220	Human SNORA31 variations impair cortical neuron-intrinsic immunity to HSV-1 and underlie herpes simplex encephalitis. *Nature Medicine*, **2019**, 25, 1873-1884	50.5	49
219	Auto-antibodies to type I IFNs can underlie adverse reactions to yellow fever live attenuated vaccine. *Journal of Experimental Medicine*, **2021**, 218,	16.6	49
218	Immunology taught by human genetics. *Cold Spring Harbor Symposia on Quantitative Biology*, **2013**, 78, 157-72	3.9	48
217	Revisiting human primary immunodeficiencies. *Journal of Internal Medicine*, **2008**, 264, 115-27	10.8	47
216	Maximum-Likelihood-Binomial method for genetic model-free linkage analysis of quantitative traits in sibships. *Genetic Epidemiology*, **1999**, 17, 102-17	2.6	47
215	Long segment and short segment familial Hirschsprung's disease: variable clinical expression at the RET locus. *Journal of Medical Genetics*, **1994**, 31, 602-6	5.8	47

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