Laurent Abel

List of Publications by Year in Descending Order

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	Human genetic and immunological determinants of critical COVID-19 pneumonia.. *Nature*, **2022**,	50.4	23
392	A common TMPRSS2 variant has a protective effect against severe COVID-19.. *Current Research in Translational Medicine*, **2022**, 70, 103333	3.7	4
391	Integrative genetic and immune cell analysis of plasma proteins in healthy donors identifies novel associations involving primary immune deficiency genes.. *Genome Medicine*, **2022**, 14, 28	14.4	1
390	Low Lymphocytes and IFN-Neutralizing Autoantibodies as Biomarkers of COVID-19 Mortality.. *Journal of Clinical Immunology*, **2022**, 1	5.7	0
389	Diagnosis of APS-1 in Two Siblings Following Life-Threatening COVID-19 Pneumonia.. *Journal of Clinical Immunology*, **2022**, 1	5.7	0
388	Studying severe long COVID to understand post-infectious disorders beyond COVID-19.. *Nature Medicine*, **2022**,	50.5	6
387	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	11.5	3
386	Human OTULIN haploinsufficiency impairs cell-intrinsic immunity to staphylococcal □toxin.. *Science* , **2022**, eabm6380	33.3	1
385	Inborn errors of TLR3- or MDA5-dependent type I IFN immunity in children with enterovirus rhombencephalitis. *Journal of Experimental Medicine*, **2021**, 218,	16.6	4
384	Single-Cell and Bulk RNA-Sequencing Reveal Differences in Monocyte Susceptibility to Influenza A Virus Infection Between Africans and Europeans.. *Frontiers in Immunology*, **2021**, 12, 768189	8.4	0
383	Mechanisms of viral inflammation and disease in humans. *Science*, **2021**, 374, 1080-1086	33.3	15
382	A global effort to dissect the human genetic basis of resistance to SARS-CoV-2 infection. *Nature Immunology*, **2021**,	19.1	7
381	Inhibition of HECT E3 ligases as potential therapy for COVID-19. *Cell Death and Disease*, **2021**, 12, 310	9.8	13
380	Human ancient DNA analyses reveal the high burden of tuberculosis in Europeans over the last 2,000 years. *American Journal of Human Genetics*, **2021**, 108, 517-524	11	18
379	SARS-CoV-2-related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. *Journal of Experimental Medicine*, **2021**, 218,	16.6	45
378	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	5.7	35
377	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

376	Inherited deficiency of stress granule ZNFX1 in patients with monocytosis and mycobacterial disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	16
375	Detection of homozygous and hemizygous complete or partial exon deletions by whole-exome sequencing. *NAR Genomics and Bioinformatics*, **2021**, 3, lqab037	3.7	2
374	Polyclonal expansion of TCR Vbeta 21.3 CD4 and CD8 T cells is a hallmark of Multisystem Inflammatory Syndrome in Children. *Science Immunology*, **2021**, 6,	28	28
373	Human STAT3 variants underlie autosomal dominant hyper-IgE syndrome by negative dominance. *Journal of Experimental Medicine*, **2021**, 218,	16.6	6
372	High Th2 cytokine levels and upper airway inflammation in human inherited T-bet deficiency. *Journal of Experimental Medicine*, **2021**, 218,	16.6	7
371	Insufficient type I IFN immunity underlies life-threatening COVID-19 pneumonia. *Comptes Rendus - Biologies*, **2021**, 344, 19-25	1.4	7
370	A computational approach for detecting physiological homogeneity in the midst of genetic heterogeneity. *American Journal of Human Genetics*, **2021**, 108, 1012-1025	11	3
369	Inherited PD-1 deficiency underlies tuberculosis and autoimmunity in a child. *Nature Medicine*, **2021**, 27, 1646-1654	50.5	17
368	Genetic, Immunological, and Clinical Features of 32 Patients with Autosomal Recessive STAT1 Deficiency. *Journal of Immunology*, **2021**,	5.3	3
367	Humans with inherited T´cell CD28 deficiency are susceptible to skin papillomaviruses but are otherwise healthy. *Cell*, **2021**, 184, 3812-3828.e30	56.2	18
366	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	34	30
365	Herpes simplex encephalitis in a patient with a distinctive form of inherited IFNAR1 deficiency. *Journal of Clinical Investigation*, **2021**, 131,	15.9	34
364	TLR3 controls constitutive IFN-□antiviral immunity in human fibroblasts and cortical neurons. *Journal of Clinical Investigation*, **2021**, 131,	15.9	19
363	Inherited GATA2 Deficiency Is Dominant by Haploinsufficiency and Displays Incomplete Clinical Penetrance. *Journal of Clinical Immunology*, **2021**, 41, 639-657	5.7	9
362	Negative selection on human genes underlying inborn errors depends on disease outcome and both the mode and mechanism of inheritance. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	14
361	Distinct antibody repertoires against endemic human coronaviruses in children and adults. *JCI Insight*, **2021**, 6,	9.9	17
360	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
359	Genome-wide association study of resistance to Mycobacterium tuberculosis infection identifies a locus at 10q26.2 in three distinct populations. *PLoS Genetics*, **2021**, 17, e1009392	6	3

358	Rare Pathogenic Variants in Mitochondrial and Inflammation-Associated Genes May Lead to Inflammatory Cardiomyopathy in Chagas Disease. *Journal of Clinical Immunology*, **2021**, 41, 1048-1063	5.7	4
357	Impaired respiratory burst contributes to infections in PKC□deficient patients. *Journal of Experimental Medicine*, **2021**, 218,	16.6	3
356	From Your Nose to Your Toes: A Review of Severe Acute Respiratory Syndrome Coronavirus 2 Pandemic-Associated Pernio. *Journal of Investigative Dermatology*, **2021**, 141, 2791-2796	4.3	6
355	Association of rare predicted loss-of-function variants of influenza-related type I IFN genes with critical COVID-19 pneumonia. *Journal of Clinical Investigation*, **2021**, 131,	15.9	7
354	Taking population stratification into account by local permutations in rare-variant association studies on small samples. *Genetic Epidemiology*, **2021**, 45, 821-829	2.6	1
353	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
352	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. *Science Immunology*, **2021**, 6,	28	67
351	Inherited human c-Rel deficiency disrupts myeloid and lymphoid immunity to multiple infectious agents. *Journal of Clinical Investigation*, **2021**, 131,	15.9	3
350	Biochemically deleterious human NFKB1 variants underlie an autosomal dominant form of common variable immunodeficiency. *Journal of Experimental Medicine*, **2021**, 218,	16.6	6
349	Controlling for human population stratification in rare variant association studies. *Scientific Reports*, **2021**, 11, 19015	4.9	1
348	Deep resequencing identifies candidate functional genes in leprosy GWAS loci. *PLoS Neglected Tropical Diseases*, **2021**, 15, e0010029	4.8	1
347	Human T-bet Governs Innate and Innate-like Adaptive IFN-□mmunity against Mycobacteria. *Cell*, **2020**, 183, 1826-1847.e31	56.2	35
346	Family-based genome-wide association study of leprosy in Vietnam. *PLoS Pathogens*, **2020**, 16, e1008565	7.6	4
345	Common homozygosity for predicted loss-of-function variants reveals both redundant and advantageous effects of dispensable human genes. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 13626-13636	11.5	9
344	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. *Cell*, **2020**, 181, 1194-1199	56.2	113
343	Three Copies of Four Interferon Receptor Genes Underlie a Mild Type I Interferonopathy in Down Syndrome. *Journal of Clinical Immunology*, **2020**, 40, 807-819	5.7	16
342	Skin-specific antibodies neutralizing mycolactone toxin during the spontaneous healing of infection. *Science Advances*, **2020**, 6, eaax7781	14.3	10
341	Fatal Cytomegalovirus Infection in an Adult with Inherited NOS2 Deficiency. *New England Journal of Medicine*, **2020**, 382, 437-445	59.2	21

340	Reply to Zhang et al.: The differential role of LRRK2 variants in nested leprosy phenotypes. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 10124-10125	11.5	1
339	Genome-wide association study of Buruli ulcer in rural Benin highlights role of two LncRNAs and the autophagy pathway. *Communications Biology*, **2020**, 3, 177	6.7	13
338	Inherited human IFN-□deficiency underlies mycobacterial disease. *Journal of Clinical Investigation*, **2020**, 130, 3158-3171	15.9	40
337	A genome-wide case-only test for the detection of digenic inheritance in human exomes. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 19367-19375	11.5	5
336	The complex pattern of genetic associations of leprosy with HLA class I and class II alleles can be reduced to four amino acid positions. *PLoS Pathogens*, **2020**, 16, e1008818	7.6	6
335	Dominant-negative mutations in human IL6ST underlie hyper-IgE syndrome. *Journal of Experimental Medicine*, **2020**, 217,	16.6	36
334	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	994
333	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. *Science*, **2020**, 370,	33.3	1090
332	Candidate Predisposition Variants in Kaposi Sarcoma as Detected by Whole-Genome Sequencing. *Open Forum Infectious Diseases*, **2019**, 6, ofz337	1	1
331	Inherited IL-18BP deficiency in human fulminant viral hepatitis. *Journal of Experimental Medicine*, **2019**, 216, 1777-1790	16.6	42
330	Severe influenza pneumonitis in children with inherited TLR3 deficiency. *Journal of Experimental Medicine*, **2019**, 216, 2038-2056	16.6	83
329	Homozygosity for 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	11.5	46
328	Human inborn errors of immunity to infection affecting cells other than leukocytes: from the immune system to the whole organism. *Current Opinion in Immunology*, **2019**, 59, 88-100	7.8	30
327	SeqTailor: a user-friendly webserver for the extraction of DNA or protein sequences from next-generation sequencing data. *Nucleic Acids Research*, **2019**, 47, W623-W631	20.1	8
326	A deep intronic splice mutation of underlies hyper IgE syndrome by negative dominance. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 16463-16472	11.5	11
325	Prevalence and risk factors for latent tuberculosis infection among healthcare workers in Morocco. *PLoS ONE*, **2019**, 14, e0221081	3.7	5
324	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
323	Pleiotropic effects for Parkin and LRRK2 in leprosy type-1 reactions and Parkinson's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 15616-15624	11.5	35

322	Rescue of recurrent deep intronic mutation underlying cell type-dependent quantitative NEMO deficiency. *Journal of Clinical Investigation*, **2019**, 129, 583-597	15.9	25
321	Identification of an Endoglin Variant Associated With HCV-Related Liver Fibrosis Progression by Next-Generation Sequencing. *Frontiers in Genetics*, **2019**, 10, 1024	4.5	6
320	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
319	Chronic mucocutaneous candidiasis and connective tissue disorder in humans with impaired JNK1-dependent responses to IL-17A/F and TGF-□*Science Immunology*, **2019**, 4,	28	25
318	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
317	Blacklisting variants common in private cohorts but not in public databases optimizes human exome analysis. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 950-959	11.5	26
316	Inborn Errors of RNA Lariat Metabolism in Humans with Brainstem Viral Infection. *Cell*, **2018**, 172, 952-965.e18	36.2	64
315	Human genetics of infectious diseases: Unique insights into immunological redundancy. *Seminars in Immunology*, **2018**, 36, 1-12	10.7	53
314	Mendelian Susceptibility to Mycobacterial Disease Caused by a Novel Founder IL12B Mutation in Saudi Arabia. *Journal of Clinical Immunology*, **2018**, 38, 278-282	5.7	6
313	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
312	The human CIB1-EVER1-EVER2 complex governs keratinocyte-intrinsic immunity to □papillomaviruses. *Journal of Experimental Medicine*, **2018**, 215, 2289-2310	16.6	56
311	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
310	CDG: An Online Server for Detecting Biologically Closest Disease-Causing Genes and its Application to Primary Immunodeficiency. *Frontiers in Immunology*, **2018**, 9, 1340	8.4	5
309	IRF4 haploinsufficiency in a family with Whipple's disease. *ELife*, **2018**, 7,	8.9	25
308	A Variety of Alu-Mediated Copy Number Variations Can Underlie IL-12R□1 Deficiency. *Journal of Clinical Immunology*, **2018**, 38, 617-627	5.7	26
307	Disruption of an antimycobacterial circuit between dendritic and helper T cells in human SPPL2a deficiency. *Nature Immunology*, **2018**, 19, 973-985	19.1	67
306	A purely quantitative form of partial recessive IFN-□2 deficiency caused by mutations of the initiation or second codon. *Human Molecular Genetics*, **2018**, 27, 3919-3935	5.6	9
305	Life-threatening influenza pneumonitis in a child with inherited IRF9 deficiency. *Journal of Experimental Medicine*, **2018**, 215, 2567-2585	16.6	98

304	Incomplete penetrance for isolated congenital asplenia in humans with mutations in translated and untranslated exons. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E8007-E8016	11.5	24
303	A recessive form of hyper-IgE syndrome by disruption of ZNF341-dependent STAT3 transcription and activity. *Science Immunology*, **2018**, 3,	28	82
302	Inherited p40phox deficiency differs from classic chronic granulomatous disease. *Journal of Clinical Investigation*, **2018**, 128, 3957-3975	15.9	65
301	HCV-Associated Liver Fibrosis and HSD17B13. *New England Journal of Medicine*, **2018**, 379, 1875-1876	59.2	19
300	Human IFN-γ immunity to mycobacteria is governed by both IL-12 and IL-23. *Science Immunology*, **2018**, 3,	28	83
299	Tuberculosis and impaired IL-23-dependent IFN-γ immunity in humans homozygous for a common missense variant. *Science Immunology*, **2018**, 3,	28	88
298	Autosomal Dominant IFN-γR1 Deficiency Presenting with both Atypical Mycobacteriosis and Tuberculosis in a BCG-Vaccinated South African Patient. *Journal of Clinical Immunology*, **2018**, 38, 460-463	5.7	6
297	Microdeletion on chromosome 8p23.1 in a familial form of severe Buruli ulcer. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006429	4.8	8
296	PopViz: a webserver for visualizing minor allele frequencies and damage prediction scores of human genetic variations. *Bioinformatics*, **2018**, 34, 4307-4309	7.2	33
295	Inherited human IRAK-1 deficiency selectively impairs TLR signaling in fibroblasts. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E514-E523	11.5	31
294	Human Adaptive Immunity Rescues an Inborn Error of Innate Immunity. *Cell*, **2017**, 168, 789-800.e10	56.2	57
293	Trichodysplasia Spinulosa Polyomavirus Infection Occurs during Early Childhood with Intrafamilial Transmission, Especially from Mother to Child. *Journal of Investigative Dermatology*, **2017**, 137, 1181-1183	4.3	11
292	Kaposi sarcoma, oral malformations, mitral dysplasia, and scoliosis associated with 7q34-q36.3 heterozygous terminal deletion. *American Journal of Medical Genetics, Part A*, **2017**, 173, 1858-1865	2.5	4
291	Recurrent rhinovirus infections in a child with inherited MDA5 deficiency. *Journal of Experimental Medicine*, **2017**, 214, 1949-1972	16.6	80
290	Autosomal Recessive Cardiomyopathy Presenting as Acute Myocarditis. *Journal of the American College of Cardiology*, **2017**, 69, 1653-1665	15.1	64
289	An eQTL variant of ZXDC is associated with IFN-γ production following Mycobacterium tuberculosis antigen-specific stimulation. *Scientific Reports*, **2017**, 7, 12800	4.9	3
288	A genome wide association study identifies a lncRna as risk factor for pathological inflammatory responses in leprosy. *PLoS Genetics*, **2017**, 13, e1006637	6	20
287	Inherited GINS1 deficiency underlies growth retardation along with neutropenia and NK cell deficiency. *Journal of Clinical Investigation*, **2017**, 127, 1991-2006	15.9	73

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	coding variants are associated with a high risk of hepatocellular carcinoma occurrence in patients with HCV- or HBV-related liver disease. *Oncotarget*, **2017**, 8, 62842-62857	3.3	5
284	Human Genetics of Tuberculosis of the Nervous System **2017**, 11-22		0
283	Standardized Whole-Blood Transcriptional Profiling Enables the Deconvolution of Complex Induced Immune Responses. *Cell Reports*, **2016**, 16, 2777-2791	10.6	43
282	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
281	Characterization of Greater Middle Eastern genetic variation for enhanced disease gene discovery. *Nature Genetics*, **2016**, 48, 1071-6	36.3	192
280	Whole-exome sequencing to analyze population structure, parental inbreeding, and familial linkage. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 6713-8	11.5	37
279	The mutation significance cutoff: gene-level thresholds for variant predictions. *Nature Methods*, **2016**, 13, 109-10	21.6	171
278	Severe Mycobacterial Diseases in a Patient with GOF IB Mutation Without EDA. *Journal of Clinical Immunology*, **2016**, 36, 12-5	5.7	11
277	Clinical Features of Spontaneous Partial Healing During Mycobacterium ulcerans Infection. *Open Forum Infectious Diseases*, **2016**, 3, ofw013	1	14
276	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
275	Host genetics of severe influenza: from mouse Mx1 to human IRF7. *Current Opinion in Immunology*, **2016**, 38, 109-20	7.8	81
274	Major Loci on Chromosomes 8q and 3q Control Interferon Production Triggered by Bacillus Calmette-Guerin and 6-kDa Early Secretory Antigen Target, Respectively, in Various Populations. *Journal of Infectious Diseases*, **2016**, 213, 1173-9	7	14
273	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
272	Pauci- and Multibacillary Leprosy: Two Distinct, Genetically Neglected Diseases. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004345	4.8	43
271	A Missense LRRK2 Variant Is a Risk Factor for Excessive Inflammatory Responses in Leprosy. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004412	4.8	89
270	Refined association of melanoma differentiation-associated gene 5 variants with spontaneous hepatitis C virus clearance in Egypt. *Hepatology*, **2016**, 63, 1059-61	11.2	3
269	A new 3p25 locus is associated with liver fibrosis progression in human immunodeficiency virus/hepatitis C virus-coinfected patients. *Hepatology*, **2016**, 64, 1462-1472	11.2	11

268	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
267	Exome and genome sequencing for inborn errors of immunity. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 957-969	11.5	111
266	Kaposi Sarcoma of Childhood: Inborn or Acquired Immunodeficiency to Oncogenic HHV-8. *Pediatric Blood and Cancer*, **2016**, 63, 392-7	3	33
265	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
264	Inherited and acquired immunodeficiencies underlying tuberculosis in childhood. *Immunological Reviews*, **2015**, 264, 103-20	11.3	133
263	Inherited DOCK2 Deficiency in Patients with Early-Onset Invasive Infections. *New England Journal of Medicine*, **2015**, 372, 2409-22	59.2	125
262	Causal analysis of H1N1pdm09 influenza infection risk in a household cohort. *Journal of Epidemiology and Community Health*, **2015**, 69, 272-7	5.1	7
261	IMMUNODEFICIENCIES. Impairment of immunity to Candida and Mycobacterium in humans with bi-allelic RORC mutations. *Science*, **2015**, 349, 606-613	33.3	291
260	Tuberculin skin test negativity is under tight genetic control of chromosomal region 11p14-15 in settings with different tuberculosis endemicities. *Journal of Infectious Diseases*, **2015**, 211, 317-21	7	34
259	Inherited IL-17RC deficiency in patients with chronic mucocutaneous candidiasis. *Journal of Experimental Medicine*, **2015**, 212, 619-31	16.6	130
258	Infectious disease. Life-threatening influenza and impaired interferon amplification in human IRF7 deficiency. *Science*, **2015**, 348, 448-53	33.3	285
257	Genotype combinations of two IL4 polymorphisms influencing IL-4 plasma levels are associated with different risks of severe malaria in the Malian population. *Immunogenetics*, **2015**, 67, 283-8	3.2	8
256	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
255	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
254	Human TYK2 deficiency: Mycobacterial and viral infections without hyper-IgE syndrome. *Journal of Experimental Medicine*, **2015**, 212, 1641-62	16.6	209
253	Human intracellular ISG15 prevents interferon-α over-amplification and auto-inflammation. *Nature*, **2015**, 517, 89-93	50.4	311
252	Association of TNFSF8 regulatory variants with excessive inflammatory responses but not leprosy per se. *Journal of Infectious Diseases*, **2015**, 211, 968-77	7	25
251	Inherited CARD9 deficiency in 2 unrelated patients with invasive Exophiala infection. *Journal of Infectious Diseases*, **2015**, 211, 1241-50	7	101

250	Plasma apolipoprotein H limits HCV replication and associates with response to NS3 protease inhibitors-based therapy. *Liver International*, **2015**, 35, 1833-44	7.9	5
249	Human HOIP and LUBAC deficiency underlies autoinflammation, immunodeficiency, amylopectinosis, and lymphangiectasia. *Journal of Experimental Medicine*, **2015**, 212, 939-51	16.6	171
248	The Milieu Intfieur study - an integrative approach for study of human immunological variance. *Clinical Immunology*, **2015**, 157, 277-93	9	35
247	Disentangling inborn and acquired immunity in human twins. *Cell*, **2015**, 160, 13-5	56.2	15
246	Impact of IL28B, APOH and ITPA Polymorphisms on Efficacy and Safety of TVR- or BOC-Based Triple Therapy in Treatment-Experienced HCV-1 Patients with Compensated Cirrhosis from the ANRS CO20-CUPIC Study. *PLoS ONE*, **2015**, 10, e0145105	3.7	4
245	CUBN and NEBL common variants in the chromosome 10p13 linkage region are associated with multibacillary leprosy in Vietnam. *Human Genetics*, **2014**, 133, 883-93	6.3	9
244	Chronic granulomatous disease in Morocco: genetic, immunological, and clinical features of 12 patients from 10 kindreds. *Journal of Clinical Immunology*, **2014**, 34, 452-8	5.7	12
243	Clinical features of Candidiasis in patients with inherited interleukin 12 receptor 1 deficiency. *Clinical Infectious Diseases*, **2014**, 58, 204-13	11.6	81
242	Invasive pneumococcal disease in children can reveal a primary immunodeficiency. *Clinical Infectious Diseases*, **2014**, 59, 244-51	11.6	56
241	Association study of genes controlling IL-12-dependent IFN-mmunity: STAT4 alleles increase risk of pulmonary tuberculosis in Morocco. *Journal of Infectious Diseases*, **2014**, 210, 611-8	7	24
240	Mendelian susceptibility to mycobacterial disease: genetic, immunological, and clinical features of inborn errors of IFN-mmunity. *Seminars in Immunology*, **2014**, 26, 454-70	10.7	401
239	Human genetics of tuberculosis: a long and winding road. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2014**, 369, 20130428	5.8	114
238	Guidelines for genetic studies in single patients: lessons from primary immunodeficiencies. *Journal of Experimental Medicine*, **2014**, 211, 2137-49	16.6	158
237	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
236	TLR3 deficiency in herpes simplex encephalitis: high allelic heterogeneity and recurrence risk. *Neurology*, **2014**, 83, 1888-97	6.5	105
235	Mycobacterium simiae infection in two unrelated patients with different forms of inherited IFN-R2 deficiency. *Journal of Clinical Immunology*, **2014**, 34, 904-9	5.7	16
234	Clinical epidemiology of laboratory-confirmed Buruli ulcer in Benin: a cohort study. *The Lancet Global Health*, **2014**, 2, e422-30	13.6	70
233	The dissection of complex susceptibility to infectious disease: bacterial, viral and parasitic infections. *Current Opinion in Immunology*, **2014**, 30, 72-8	7.8	17

232	HGCS: an online tool for prioritizing disease-causing gene variants by biological distance. *BMC Genomics*, **2014**, 15, 256	4.5	31
231	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
230	Combined linkage and association studies show that HLA class II variants control levels of antibodies against Epstein-Barr virus antigens. *PLoS ONE*, **2014**, 9, e102501	3.7	11
229	A general efficient and flexible approach for genome-wide association analyses of imputed genotypes in family-based designs. *Genetic Epidemiology*, **2014**, 38, 560-71	2.6	22
228	EVER2 deficiency is associated with mild T-cell abnormalities. *Journal of Clinical Immunology*, **2013**, 33, 14-21	5.7	33
227	Multifocal Tuberculous osteomyelitis: possible inherited interferon gamma axis defect. *Indian Journal of Pediatrics*, **2013**, 80, 505-8	3	4
226	Immunology taught by human genetics. *Cold Spring Harbor Symposia on Quantitative Biology*, **2013**, 78, 157-72	3.9	48
225	An ACT1 mutation selectively abolishes interleukin-17 responses in humans with chronic mucocutaneous candidiasis. *Immunity*, **2013**, 39, 676-86	32.3	204
224	Partial IFN-R2 deficiency is due to protein misfolding and can be rescued by inhibitors of glycosylation. *Blood*, **2013**, 122, 2390-401	2.2	27
223	Haploinsufficiency at the human IFNGR2 locus contributes to mycobacterial disease. *Human Molecular Genetics*, **2013**, 22, 769-81	5.6	53
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