John D Rioux

List of Publications by Citations

225 papers	47,430 citations	81 h-index	217 g-index
248 ext. papers	56,389 ext. citations	13.4 avg, IF	6.11 L-index

#	Paper	IF	Citations
225	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. *Nature*, **2012**, 491, 119-24	50.4	3239
224	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
223	A genome-wide association study identifies IL23R as an inflammatory bowel disease gene. *Science*, **2006**, 314, 1461-3	33.3	2363
222	The mutational constraint spectrum quantified from variation in 141,456 humans. *Nature*, **2020**, 581, 434-443	50.4	2278
221	Genome-wide association defines more than 30 distinct susceptibility loci for Crohn's disease. *Nature Genetics*, **2008**, 40, 955-62	36.3	2092
220	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. *Nature*, **2011**, 476, 214-9	50.4	1948
219	Genome-wide meta-analysis increases to 71 the number of confirmed Crohn's disease susceptibility loci. *Nature Genetics*, **2010**, 42, 1118-25	36.3	1946
218	Large-scale identification, mapping, and genotyping of single-nucleotide polymorphisms in the human genome. *Science*, **1998**, 280, 1077-82	33.3	1764
217	Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature*, **2010**, 467, 832-8	50.4	1514
216	Genome-wide association study identifies new susceptibility loci for Crohn disease and implicates autophagy in disease pathogenesis. *Nature Genetics*, **2007**, 39, 596-604	36.3	1442
215	High-resolution haplotype structure in the human genome. *Nature Genetics*, **2001**, 29, 229-32	36.3	1398
214	Risk alleles for multiple sclerosis identified by a genomewide study. *New England Journal of Medicine*, **2007**, 357, 851-62	59.2	1327
213	Association analyses identify 38 susceptibility loci for inflammatory bowel disease and highlight shared genetic risk across populations. *Nature Genetics*, **2015**, 47, 979-986	36.3	1278
212	Meta-analysis identifies 29 additional ulcerative colitis risk loci, increasing the number of confirmed associations to 47. *Nature Genetics*, **2011**, 43, 246-52	36.3	1028
211	Genome-wide association scan in women with systemic lupus erythematosus identifies susceptibility variants in ITGAM, PXK, KIAA1542 and other loci. *Nature Genetics*, **2008**, 40, 204-10	36.3	1021
210	Genetic variation in the 5q31 cytokine gene cluster confers susceptibility to Crohn disease. *Nature Genetics*, **2001**, 29, 223-8	36.3	656
209	A high-resolution HLA and SNP haplotype map for disease association studies in the extended human MHC. *Nature Genetics*, **2006**, 38, 1166-72	36.3	618

208	Deep resequencing of GWAS loci identifies independent rare variants associated with inflammatory bowel disease. *Nature Genetics*, **2011**, 43, 1066-73	36.3	584
207	Deletion polymorphism upstream of IRGM associated with altered IRGM expression and Crohn's disease. *Nature Genetics*, **2008**, 40, 1107-12	36.3	527
206	Genome-wide association identifies multiple ulcerative colitis susceptibility loci. *Nature Genetics*, **2010**, 42, 332-7	36.3	491
205	Identification of a gene causing human cytochrome c oxidase deficiency by integrative genomics. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 605-10	11.5	472
204	Genetic variants near TNFAIP3 on 6q23 are associated with systemic lupus erythematosus. *Nature Genetics*, **2008**, 40, 1059-61	36.3	459
203	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. *Lancet, The*, **2016**, 387, 156-67	40	449
202	Replication of putative candidate-gene associations with rheumatoid arthritis in >4,000 samples from North America and Sweden: association of susceptibility with PTPN22, CTLA4, and PADI4. *American Journal of Human Genetics*, **2005**, 77, 1044-60	11	432
201	Genetic association analyses implicate aberrant regulation of innate and adaptive immunity genes in the pathogenesis of systemic lupus erythematosus. *Nature Genetics*, **2015**, 47, 1457-1464	36.3	423
200	Genomewide search in Canadian families with inflammatory bowel disease reveals two novel susceptibility loci. *American Journal of Human Genetics*, **2000**, 66, 1863-70	11	421
199	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
198	Defining the role of the MHC in autoimmunity: a review and pooled analysis. *PLoS Genetics*, **2008**, 4, e1000024	6	400
197	Common variants at five new loci associated with early-onset inflammatory bowel disease. *Nature Genetics*, **2009**, 41, 1335-40	36.3	389
196	Common variants in the NLRP3 region contribute to Crohn's disease susceptibility. *Nature Genetics*, **2009**, 41, 71-6	36.3	388
195	Proteins encoded in genomic regions associated with immune-mediated disease physically interact and suggest underlying biology. *PLoS Genetics*, **2011**, 7, e1001273	6	383
194	Ulcerative colitis-risk loci on chromosomes 1p36 and 12q15 found by genome-wide association study. *Nature Genetics*, **2009**, 41, 216-20	36.3	325
193	Fine-mapping inflammatory bowel disease loci to single-variant resolution. *Nature*, **2017**, 547, 173-178	50.4	311
192	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.3	310
191	LRRK2 is involved in the IFN-gamma response and host response to pathogens. *Journal of Immunology*, **2010**, 185, 5577-85	5.3	278

190	Dense genotyping of immune-related disease regions identifies nine new risk loci for primary sclerosing cholangitis. *Nature Genetics*, **2013**, 45, 670-5	36.3	267
189	Genomewide scan of multiple sclerosis in Finnish multiplex families. *American Journal of Human Genetics*, **1997**, 61, 1379-87	11	267
188	Impaired autophagy of an intracellular pathogen induced by a Crohn's disease associated ATG16L1 variant. *PLoS ONE*, **2008**, 3, e3391	3.7	261
187	A high-density screen for linkage in multiple sclerosis. *American Journal of Human Genetics*, **2005**, 77, 454-67	11	235
186	Prevalence of CARD15/NOD2 mutations in Caucasian healthy people. *American Journal of Gastroenterology*, **2007**, 102, 1259-67	0.7	233
185	Autoimmune diseases: insights from genome-wide association studies. *Human Molecular Genetics*, **2008**, 17, R116-21	5.6	232
184	CARD15 genetic variation in a Quebec population: prevalence, genotype-phenotype relationship, and haplotype structure. *American Journal of Human Genetics*, **2002**, 71, 74-83	11	227
183	A structural variation reference for medical and population genetics. *Nature*, **2020**, 581, 444-451	50.4	223
182	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
181	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31	36.3	219
180	Inflammatory bowel disease characteristics among African Americans, Hispanics, and non-Hispanic Whites: characterization of a large North American cohort. *American Journal of Gastroenterology*, **2006**, 101, 1012-23	0.7	210
179	A high-resolution linkage-disequilibrium map of the human major histocompatibility complex and first generation of tag single-nucleotide polymorphisms. *American Journal of Human Genetics*, **2005**, 76, 634-46	11	209
178	Mapping of multiple susceptibility variants within the MHC region for 7 immune-mediated diseases. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 18680-5	11.5	204
177	High-density mapping of the MHC identifies a shared role for HLA-DRB1*01:03 in inflammatory bowel diseases and heterozygous advantage in ulcerative colitis. *Nature Genetics*, **2015**, 47, 172-9	36.3	201
176	Inflammatory bowel disease susceptibility loci defined by genome scan meta-analysis of 1952 affected relative pairs. *Human Molecular Genetics*, **2004**, 13, 763-70	5.6	198
175	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
174	Transancestral mapping and genetic load in systemic lupus erythematosus. *Nature Communications*, **2017**, 8, 16021	17.4	171
173	Polymorphism at the TNF superfamily gene TNFSF4 confers susceptibility to systemic lupus erythematosus. *Nature Genetics*, **2008**, 40, 83-9	36.3	167

172	Paths to understanding the genetic basis of autoimmune disease. *Nature*, **2005**, 435, 584-9	50.4	167
171	Functional variants in the gene confer shared effects on risk for Crohn's disease and Parkinson's disease. *Science Translational Medicine*, **2018**, 10,	17.5	165
170	The role of the CD58 locus in multiple sclerosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 5264-9	11.5	160
169	Genomewide linkage analysis of stature in multiple populations reveals several regions with evidence of linkage to adult height. *American Journal of Human Genetics*, **2001**, 69, 106-16	11	153
168	Deep resequencing of GWAS loci identifies rare variants in CARD9, IL23R and RNF186 that are associated with ulcerative colitis. *PLoS Genetics*, **2013**, 9, e1003723	6	149
167	A susceptibility locus for asthma-related traits on chromosome 7 revealed by genome-wide scan in a founder population. *Nature Genetics*, **2001**, 28, 87-91	36.3	148
166	A meta-analysis of genome-wide association scans identifies IL18RAP, PTPN2, TAGAP, and PUS10 as shared risk loci for Crohn's disease and celiac disease. *PLoS Genetics*, **2011**, 7, e1001283	6	142
165	A second major histocompatibility complex susceptibility locus for multiple sclerosis. *Annals of Neurology*, **2007**, 61, 228-36	9.4	140
164	An integrated haplotype map of the human major histocompatibility complex. *American Journal of Human Genetics*, **2003**, 73, 580-90	11	138
163	IBD5 is a general risk factor for inflammatory bowel disease: replication of association with Crohn disease and identification of a novel association with ulcerative colitis. *American Journal of Human Genetics*, **2003**, 73, 205-11	11	136
162	Two loci on chromosomes 2 and X for premature coronary heart disease identified in early- and late-settlement populations of Finland. *American Journal of Human Genetics*, **2000**, 67, 1481-93	11	135
161	Identification of two independent risk factors for lupus within the MHC in United Kingdom families. *PLoS Genetics*, **2007**, 3, e192	6	122
160	The role of the Toll receptor pathway in susceptibility to inflammatory bowel diseases. *Genes and Immunity*, **2007**, 8, 387-97	4.4	120
159	Relationship between proximal Crohn's disease location and disease behavior and surgery: a cross-sectional study of the IBD Genetics Consortium. *American Journal of Gastroenterology*, **2013**, 108, 106-12	0.7	118
158	HLA diversity in the 1000 genomes dataset. *PLoS ONE*, **2014**, 9, e97282	3.7	112
157	Occupational and environmental exposures and risk of systemic lupus erythematosus: silica, sunlight, solvents. *Rheumatology*, **2010**, 49, 2172-80	3.9	109
156	Genetic variants in the region harbouring IL2/IL21 associated with ulcerative colitis. *Gut*, **2009**, 58, 799-804	19.2	109
155	Familial eosinophilia maps to the cytokine gene cluster on human chromosomal region 5q31-q33. *American Journal of Human Genetics*, **1998**, 63, 1086-94	11	109

154	Replication analysis identifies TYK2 as a multiple sclerosis susceptibility factor. *European Journal of Human Genetics*, **2009**, 17, 1309-13	5.3	107
153	Unraveling multiple MHC gene associations with systemic lupus erythematosus: model choice indicates a role for HLA alleles and non-HLA genes in Europeans. *American Journal of Human Genetics*, **2012**, 91, 778-93	11	106
152	Genome-wide association studies: a new window into immune-mediated diseases. *Nature Reviews Immunology*, **2008**, 8, 631-43	36.5	103
151	IBD risk loci are enriched in multigenic regulatory modules encompassing putative causative genes. *Nature Communications*, **2018**, 9, 2427	17.4	95
150	Identification of a sudden cardiac death susceptibility locus at 2q24.2 through genome-wide association in European ancestry individuals. *PLoS Genetics*, **2011**, 7, e1002158	6	95
149	Rare and low-frequency coding variants in CXCR2 and other genes are associated with hematological traits. *Nature Genetics*, **2014**, 46, 629-34	36.3	92
148	Comprehensive follow-up of the first genome-wide association study of multiple sclerosis identifies KIF21B and TMEM39A as susceptibility loci. *Human Molecular Genetics*, **2010**, 19, 953-62	5.6	91
147	Genome-Wide Association Study Identifies African-Specific Susceptibility Loci in African Americans With Inflammatory Bowel Disease. *Gastroenterology*, **2017**, 152, 206-217.e2	13.3	85
146	Crohn disease: a current perspective on genetics, autophagy and immunity. *Autophagy*, **2011**, 7, 355-74	10.2	84
145	Genetic variation in myosin IXB is associated with ulcerative colitis. *Gastroenterology*, **2006**, 131, 1768-74	13.3	82
144	Ubiquitin Ligase TRIM62 Regulates CARD9-Mediated Anti-fungal Immunity and Intestinal Inflammation. *Immunity*, **2015**, 43, 715-26	32.3	80
143	A Metabolic Signature of Mitochondrial Dysfunction Revealed through a Monogenic Form of Leigh Syndrome. *Cell Reports*, **2015**, 13, 981-9	10.6	80
142	ATG16L1 and IL23R are associated with inflammatory bowel diseases but not with celiac disease in the Netherlands. *American Journal of Gastroenterology*, **2008**, 103, 621-7	0.7	77
141	Molecular pathogenesis of inflammatory bowel disease: genotypes, phenotypes and personalized medicine. *Annals of Medicine*, **2007**, 39, 177-99	1.5	77
140	A Pleiotropic Missense Variant in SLC39A8 Is Associated With Crohn's Disease and Human Gut Microbiome Composition. *Gastroenterology*, **2016**, 151, 724-32	13.3	77
139	GWA studies: rewriting the story of IBD. *Trends in Genetics*, **2009**, 25, 137-46	8.5	75
138	T-bet polymorphisms are associated with asthma and airway hyperresponsiveness. *American Journal of Respiratory and Critical Care Medicine*, **2006**, 173, 64-70	10.2	74
137	Association analysis of the R620W polymorphism of protein tyrosine phosphatase PTPN22 in systemic lupus erythematosus families: increased T allele frequency in systemic lupus erythematosus patients with autoimmune thyroid disease. *Arthritis and Rheumatism*, **2005**, 52, 2396-402		70

136	Association of LY9 in UK and Canadian SLE families. *Genes and Immunity*, **2008**, 9, 93-102	4.4	69
135	Refined genomic localization and ethnic differences observed for the IBD5 association with Crohn's disease. *European Journal of Human Genetics*, **2007**, 15, 328-35	5.3	69
134	Quantitative founder-effect analysis of French Canadian families identifies specific loci contributing to metabolic phenotypes of hypertension. *American Journal of Human Genetics*, **2005**, 76, 815-32	11	69
133	TECRL, a new life-threatening inherited arrhythmia gene associated with overlapping clinical features of both LQTS and CPVT. *EMBO Molecular Medicine*, **2016**, 8, 1390-1408	12	68
132	Gene-centric association mapping of chromosome 3p implicates MST1 in IBD pathogenesis. *Mucosal Immunology*, **2008**, 1, 131-8	9.2	67
131	is a colitis risk gene that regulates stability of epithelial adherens junctions. *Science*, **2018**, 359, 1161-1166	33.3	65
130	MHC associations with clinical and autoantibody manifestations in European SLE. *Genes and Immunity*, **2014**, 15, 210-7	4.4	63
129	Location score and haplotype analyses of the locus for autosomal recessive spastic ataxia of Charlevoix-Saguenay, in chromosome region 13q11. *American Journal of Human Genetics*, **1999**, 64, 768-75	11	63
128	IL12A, MPHOSPH9/CDK2AP1 and RGS1 are novel multiple sclerosis susceptibility loci. *Genes and Immunity*, **2010**, 11, 397-405	4.4	62
127	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. *American Journal of Human Genetics*, **2016**, 99, 40-55	11	61
126	Enhancing linkage analysis of complex disorders: an evaluation of high-density genotyping. *Human Molecular Genetics*, **2004**, 13, 1943-9	5.6	61
125	Association of DLG5 R30Q variant with inflammatory bowel disease. *European Journal of Human Genetics*, **2005**, 13, 835-9	5.3	61
124	Regulation of myeloid cell phagocytosis by LRRK2 via WAVE2 complex stabilization is altered in Parkinson's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E5164-E5173	11.5	61
123	. *Nature Genetics*, **2001**, 28, 87-91	36.3	58
122	Transancestral mapping of the MHC region in systemic lupus erythematosus identifies new independent and interacting loci at MSH5, HLA-DPB1 and HLA-G. *Annals of the Rheumatic Diseases*, **2012**, 71, 777-84	2.4	56
121	Transcript expression-aware annotation improves rare variant interpretation. *Nature*, **2020**, 581, 452-458	50.4	55
120	Evidence of transmission ratio distortion of DLG5 R30Q variant in general and implication of an association with Crohn disease in men. *Human Genetics*, **2006**, 119, 305-11	6.3	55
119	Evaluating drug targets through human loss-of-function genetic variation. *Nature*, **2020**, 581, 459-464	50.4	53

118	Genetic variation in toll-like receptor 9 and susceptibility to systemic lupus erythematosus. *Arthritis and Rheumatism*, **2006**, 54, 1279-82		53
117	Absence of linkage between inflammatory bowel disease and selected loci on chromosomes 3, 7, 12, and 16. *Gastroenterology*, **1998**, 115, 1062-5	13.3	52
116	Autophagy as an important process in gut homeostasis and Crohn's disease pathogenesis. *Gut*, **2008**, 57, 717-20	19.2	51
115	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. *Nature Communications*, **2017**, 8, 15805	17.4	50
114	IL23R (Interleukin 23 Receptor) Variants Protective against Inflammatory Bowel Diseases (IBD) Display Loss of Function due to Impaired Protein Stability and Intracellular Trafficking. *Journal of Biological Chemistry*, **2016**, 291, 8673-85	5.4	48
113	Glycerol as a correlate of impaired glucose tolerance: dissection of a complex system by use of a simple genetic trait. *American Journal of Human Genetics*, **2000**, 66, 1558-68	11	48
112	Characterization of genetic loci that affect susceptibility to inflammatory bowel diseases in African Americans. *Gastroenterology*, **2015**, 149, 1575-1586	13.3	47
111	A major histocompatibility Class I locus contributes to multiple sclerosis susceptibility independently from HLA-DRB1*15:01. *PLoS ONE*, **2010**, 5, e11296	3.7	46
110	A second-generation association study of the 5q31 cytokine gene cluster and the interleukin-4 receptor in asthma. *Genomics*, **2001**, 77, 35-42	4.3	44
109	Genetic Factors Interact With Tobacco Smoke to Modify Risk for Inflammatory Bowel Disease in Humans and Mice. *Gastroenterology*, **2017**, 153, 550-565	13.3	43
108	CIITA variation in the presence of HLA-DRB1*1501 increases risk for multiple sclerosis. *Human Molecular Genetics*, **2010**, 19, 2331-40	5.6	43
107	Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. *American Journal of Human Genetics*, **2016**, 99, 22-39	11	42
106	Evaluation of Toll-like receptor and adaptor molecule polymorphisms for susceptibility to tuberculosis in a Colombian population. *International Journal of Immunogenetics*, **2012**, 39, 216-23	2.3	42
105	Clinical, serologic, and genetic factors associated with pyoderma gangrenosum and erythema nodosum in inflammatory bowel disease patients. *Inflammatory Bowel Diseases*, **2014**, 20, 525-33	4.5	42
104	Diagnostic misclassification reduces the ability to detect linkage in inflammatory bowel disease genetic studies. *Gut*, **2001**, 49, 773-6	19.2	42
103	A protein-truncating R179X variant in RNF186 confers protection against ulcerative colitis. *Nature Communications*, **2016**, 7, 12342	17.4	41
102	Insights into the genetic epidemiology of Crohn's and rare diseases in the Ashkenazi Jewish population. *PLoS Genetics*, **2018**, 14, e1007329	6	41
101	Direct or indirect association in a complex disease: the role of SLC22A4 and SLC22A5 functional variants in Crohn disease. *Human Mutation*, **2006**, 27, 778-85	4.7	41

100	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
99	Using a genome-wide scan and meta-analysis to identify a novel IBD locus and confirm previously identified IBD loci. *Inflammatory Bowel Diseases*, **2002**, 8, 375-81	4.5	40
98	Established genetic risk factors do not distinguish early and later onset Crohn's disease. *Inflammatory Bowel Diseases*, **2009**, 15, 1508-14	4.5	39
97	A molecular-properties-based approach to understanding PDZ domain proteins and PDZ ligands. *Genome Research*, **2006**, 16, 1056-72	9.7	37
96	A genomewide linkage-disequilibrium scan localizes the Saguenay-Lac-Saint-Jean cytochrome oxidase deficiency to 2p16. *American Journal of Human Genetics*, **2001**, 68, 397-409	11	37
95	Genetic variation in the familial Mediterranean fever gene (MEFV) and risk for Crohn's disease and ulcerative colitis. *PLoS ONE*, **2009**, 4, e7154	3.7	37
94	A targeted association study in systemic lupus erythematosus identifies multiple susceptibility alleles. *Genes and Immunity*, **2011**, 12, 51-8	4.4	36
93	Activation of murine Kupffer cell tumoricidal activity by liposomes containing lipophilic muramyl dipeptide. *Hepatology*, **1988**, 8, 1046-50	11.2	36
92	alleles modulate inflammation during microbial infection of mice in a sex-dependent manner. *Science Translational Medicine*, **2019**, 11,	17.5	34
91	A comprehensive evaluation of the genetic architecture of sudden cardiac arrest. *European Heart Journal*, **2018**, 39, 3961-3969	9.5	31
90	Appendectomy does not decrease the risk of future colectomy in UC: results from a large cohort and meta-analysis. *Gut*, **2017**, 66, 1390-1397	19.2	30
89	Assessment of reliability and validity of IBD phenotyping within the National Institutes of Diabetes and Digestive and Kidney Diseases (NIDDK) IBD Genetics Consortium (IBDGC). *Inflammatory Bowel Diseases*, **2007**, 13, 975-83	4.5	30
88	Evaluating the role of the 620W allele of protein tyrosine phosphatase PTPN22 in Crohn's disease and multiple sclerosis. *European Journal of Human Genetics*, **2006**, 14, 317-21	5.3	30
87	The dichotomous pattern of IL-12r and IL-23R expression elucidates the role of IL-12 and IL-23 in inflammation. *PLoS ONE*, **2014**, 9, e89092	3.7	29
86	Anti-DNA and anti-platelet specificities of SLE-derived autoantibodies: evidence for CDR2H mutations and CDR3H motifs. *Molecular Immunology*, **1995**, 32, 683-96	4.3	29
85	Phenotype-stratified genetic linkage study demonstrates that IBD2 is an extensive ulcerative colitis locus. *American Journal of Gastroenterology*, **2006**, 101, 572-80	0.7	28
84	Ocular Manifestations in Inflammatory Bowel Disease Are Associated with Other Extra-intestinal Manifestations, Gender, and Genes Implicated in Other Immune-related Traits. *Journal of Crohn's and Colitis*, **2016**, 10, 43-9	1.5	27
83	Loss of hepatic LRPPRC alters mitochondrial bioenergetics, regulation of permeability transition and trans-membrane ROS diffusion. *Human Molecular Genetics*, **2017**, 26, 3186-3201	5.6	27

82	MAST3: a novel IBD risk factor that modulates TLR4 signaling. *Genes and Immunity*, **2008**, 9, 602-12	4.4	27
81	Genomewide search and association studies in a Finnish celiac disease population: Identification of a novel locus and replication of the HLA and CTLA4 loci **2004**, 130A, 345-50		27
80	Inhibition of murine hepatic tumor growth by liposomes containing a lipophilic muramyl dipeptide. *Cancer Immunology, Immunotherapy*, **1989**, 28, 54-8	7.4	27
79	Contribution of higher risk genes and European admixture to Crohn's disease in African Americans. *Inflammatory Bowel Diseases*, **2012**, 18, 2277-87	4.5	26
78	Variation within DNA repair pathway genes and risk of multiple sclerosis. *American Journal of Epidemiology*, **2010**, 172, 217-24	3.8	25
77	MHC region and risk of systemic lupus erythematosus in African American women. *Human Genetics*, **2011**, 130, 807-15	6.3	23
76	The role of inflammatory bowel disease susceptibility loci in multiple sclerosis and systemic lupus erythematosus. *Genes and Immunity*, **2006**, 7, 327-34	4.4	23
75	Haplotype structure of TNFRSF5-TNFSF5 (CD40-CD40L) and association analysis in systemic lupus erythematosus. *European Journal of Human Genetics*, **2005**, 13, 669-76	5.3	23
74	A functional candidate screen for coeliac disease genes. *European Journal of Human Genetics*, **2006**, 14, 1215-22	5.3	22
73	Restricted variable region gene usage and possible rheumatoid factor relationship among human monoclonal antibodies specific for the AD-1 epitope on cytomegalovirus glycoprotein B. *Molecular Immunology*, **1994**, 31, 983-91	4.3	22
72	Construction and benchmarking of a multi-ethnic reference panel for the imputation of HLA class I and II alleles. *Human Molecular Genetics*, **2019**, 28, 2078-2092	5.6	22
71	Haplotype-based association analysis of 56 functional candidate genes in the IBD6 locus on chromosome 19. *European Journal of Human Genetics*, **2006**, 14, 780-90	5.3	21
70	Phenotypic and genotypic characteristics of inflammatory bowel disease in French Canadians: comparison with a large North American repository. *American Journal of Gastroenterology*, **2009**, 104, 2233-40	0.7	20
69	Assessment of complement C4 gene copy number using the paralog ratio test. *Human Mutation*, **2010**, 31, 866-74	4.7	20
68	Autosomal recessive spastic ataxia of Charlevoix-Saguenay (ARSACS): high-resolution physical and transcript map of the candidate region in chromosome region 13q11. *Genomics*, **1999**, 62, 156-64	4.3	20
67	NR1H3 p.Arg415Gln Is Not Associated to Multiple Sclerosis Risk. *Neuron*, **2016**, 92, 333-335	13.9	19
66	Role of the IBD5 susceptibility locus in the inflammatory bowel diseases. *Inflammatory Bowel Diseases*, **2006**, 12, 227-38	4.5	19
65	Genetic analysis of multiple sclerosis. *Journal of Autoimmunity*, **2003**, 21, 111-6	15.5	19

64	Patients' perception of their involvement in shared treatment decision making: Key factors in the treatment of inflammatory bowel disease. *Patient Education and Counseling*, **2018**, 101, 331-339	3.1	19
63	Genome scan analyses and positional cloning strategy in IBD: successes and limitations. *Baillieres Best Practice and Research in Clinical Gastroenterology*, **2004**, 18, 541-53	2.5	18
62	Multiomics Analyses to Deliver the Most Effective Treatment to Every Patient With Inflammatory Bowel Disease. *Gastroenterology*, **2018**, 155, e1-e4	13.3	18
61	Innate Control of Tissue-Reparative Human Regulatory T Cells. *Journal of Immunology*, **2019**, 202, 2195-2209	5.3	17
60	Evidence for CRHR1 in multiple sclerosis using supervised machine learning and meta-analysis in 12,566 individuals. *Human Molecular Genetics*, **2010**, 19, 4286-95	5.6	17
59	Specific targeting of the IL-23 receptor, using a novel small peptide noncompetitive antagonist, decreases the inflammatory response. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R1216-30	3.2	16
58	Genome-wide expression profiling implicates a MAST3-regulated gene set in colonic mucosal inflammation of ulcerative colitis patients. *Inflammatory Bowel Diseases*, **2012**, 18, 1072-80	4.5	16
57	New approaches to gene hunting in IBD. *Inflammatory Bowel Diseases*, **2004**, 10, 312-7	4.5	16
56	Novel mutations in pediatric long QT syndrome patients support a -specific calmodulinopathy. *HeartRhythm Case Reports*, **2016**, 2, 250-254	1	15
55	Identification of a chromosome 8p locus for early-onset coronary heart disease in a French Canadian population. *European Journal of Human Genetics*, **2008**, 16, 105-14	5.3	15
54	Identifying susceptibility genes for immunological disorders: patterns, power, and proof. *Immunological Reviews*, **2006**, 210, 40-51	11.3	15
53	Characterization of a Human Induced Pluripotent Stem Cell-Derived Cardiomyocyte Model for the Study of Variant Pathogenicity: Validation of a Mutation. *Circulation: Cardiovascular Genetics*, **2017**, 10,		14
52	Expression and functional analysis of intestinal organic cation/L-carnitine transporter (OCTN) in Crohn's disease. *Journal of Crohns and Colitis*, **2012**, 6, 189-97	1.5	14
51	A Method to Exploit the Structure of Genetic Ancestry Space to Enhance Case-Control Studies. *American Journal of Human Genetics*, **2016**, 98, 857-868	11	14
50	Inflammatory bowel disease patient perceptions of diagnostic and monitoring tests and procedures. *BMC Gastroenterology*, **2019**, 19, 30	3	13
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