John D Rioux

List of Publications by Year
in descending order

227 papers	62,317 citations	4146 87 h-index	1190 228 g-index
248 all docs	248 docs citations	248 times ranked	66460 citing authors

#	Article	IF	Citations
1	The mutational constraint spectrum quantified from variation in 141,456 humans. Nature, 2020, 581, 434-443.	27.8	6,140
2	Hostâ€“microbe interactions have shaped the genetic architecture of inflammatory bowel disease. Nature, 2012, 491, 119-124.	27.8	4,038
3	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
4	A Genome-Wide Association Study Identifies IL23R as an Inflammatory Bowel Disease Gene. Science, 2006, 314, 1461-1463.	12.6	2,739
5	Genome-wide association defines more than 30 distinct susceptibility loci for Crohn's disease. Nature Genetics, 2008, 40, 955-962.	21.4	2,422
6	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. Nature, 2011, 476, 214-219.	27.8	2,400
7	Genome-wide meta-analysis increases to 71 the number of confirmed Crohn's disease susceptibility loci. Nature Genetics, 2010, 42, 1118-1125.	21.4	2,284
8	Large-Scale Identification, Mapping, and Genotyping of Single-Nucleotide Polymorphisms in the Human Genome. Science, 1998, 280, 1077-1082.	12.6	1,993
9	Association analyses identify 38 susceptibility loci for inflammatory bowel disease and highlight shared genetic risk across populations. Nature Genetics, 2015, 47, 979-986.	21.4	1,965
10	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	27.8	1,789
11	Genome-wide association study identifies new susceptibility loci for Crohn disease and implicates autophagy in disease pathogenesis. Nature Genetics, 2007, 39, 596-604.	21.4	1,633
12	High-resolution haplotype structure in the human genome. Nature Genetics, 2001, 29, 229-232.	21.4	1,596
13	Risk Alleles for Multiple Sclerosis Identified by a Genomewide Study. New England Journal of Medicine, 2007, 357, 851-862.	27.0	1,529
14	Meta-analysis identifies 29 additional ulcerative colitis risk loci, increasing the number of confirmed associations to 47. Nature Genetics, 2011, 43, 246-252.	21.4	1,201
15	Genome-wide association scan in women with systemic lupus erythematosus identifies susceptibility variants in ITGAM, PXK, KIAA1542 and other loci. Nature Genetics, 2008, 40, 204-210.	21.4	1,192
16	Genetic variation in the 5q31 cytokine gene cluster confers susceptibility to Crohn disease. Nature Genetics, 2001, 29, 223-228.	21.4	730
17	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.	21.4	730
18	Deep resequencing of GWAS loci identifies independent rare variants associated with inflammatory bowel disease. Nature Genetics, 2011, 43, 1066-1073.	21.4	698

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19	A high-resolution HLA and SNP haplotype map for disease association studies in the extended human MHC. Nature Genetics, 2006, 38, 1166-1172.	21.4	686
20	A structural variation reference for medical and population genetics. Nature, 2020, 581, 444-451.	27.8	614
21	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. Lancet, The, 2016, 387, 156-167.	13.7	607
22	Deletion polymorphism upstream of IRGM associated with altered IRGM expression and Crohn's disease. Nature Genetics, 2008, 40, 1107-1112.	21.4	604
23	Genome-wide association identifies multiple ulcerative colitis susceptibility loci. Nature Genetics, 2010, 42, 332-337.	21.4	572
24	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	27.8	544
25	Genetic variants near TNFAIP3 on 6q23 are associated with systemic lupus erythematosus. Nature Genetics, 2008, 40, 1059-1061.	21.4	534
26	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, 605-610.	7.1	526
27	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, 1044-1060.	6.2	494
28	Defining the Role of the MHC in Autoimmunity: A Review and Pooled Analysis. PLoS Genetics, 2008, 4, e1000024.	3.5	488
29	Fine-mapping inflammatory bowel disease loci to single-variant resolution. Nature, 2017, 547, 173-178.	27.8	473
30	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	21.4	470
31	Common variants at five new loci associated with early-onset inflammatory bowel disease. Nature Genetics, 2009, 41, 1335-1340.	21.4	459
32	Proteins Encoded in Genomic Regions Associated with Immune-Mediated Disease Physically Interact and Suggest Underlying Biology. PLoS Genetics, 2011, 7, e1001273.	3.5	450
33	Genomewide Search in Canadian Families with Inflammatory Bowel Disease Reveals Two Novel Susceptibility Loci. American Journal of Human Genetics, 2000, 66, 1863-1870.	6.2	449
34	Common variants in the NLRP3 region contribute to Crohn's disease susceptibility. Nature Genetics, 2009, 41, 71-76.	21.4	448
35	Ulcerative colitisâ€“risk loci on chromosomes 1p36 and 12q15 found by genome-wide association study. Nature Genetics, 2009, 41, 216-220.	21.4	364
36	LRRK2 Is Involved in the IFN-Î³ Response and Host Response to Pathogens. Journal of Immunology, 2010, 185, 5577-5585.	0.8	350

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37	Dense genotyping of immune-related disease regions identifies nine new risk loci for primary sclerosing cholangitis. Nature Genetics, 2013, 45, 670-675.	21.4	339
38	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.	3.5	331
39	Transancestral mapping and genetic load in systemic lupus erythematosus. Nature Communications, 2017, 8, 16021.	12.8	314
40	Impaired Autophagy of an Intracellular Pathogen Induced by a Crohn's Disease Associated ATG16L1 Variant. PLoS ONE, 2008, 3, e3391.	2.5	299
41	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	21.4	286
42	Genomewide Scan of Multiple Sclerosis in Finnish Multiplex Families. American Journal of Human Genetics, 1997, 61, 1379-1387.	6.2	284
43	Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	21.4	282
44	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, 172-179.	21.4	280
45	Autoimmune diseases: insights from genome-wide association studies. Human Molecular Genetics, 2008, 17, R116-R121.	2.9	275
46	Functional variants in the LRRK2 gene confer shared effects on risk for Crohnâ€™s disease and Parkinsonâ€™s disease. Science Translational Medicine, 2018, 10, .	12.4	273
47	A High-Density Screen for Linkage in Multiple Sclerosis. American Journal of Human Genetics, 2005, 77, 454-467.	6.2	268
48	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, 1012-1023.	0.4	255
49	CARD15 Genetic Variation in a Quebec Population: Prevalence, Genotype-Phenotype Relationship, and Haplotype Structure. American Journal of Human Genetics, 2002, 71, 74-83.	6.2	253
50	Prevalence of CARD15/NOD2 Mutations in Caucasian Healthy People. American Journal of Gastroenterology, 2007, 102, 1259-1267.	0.4	249
51	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, 634-646.	6.2	237
52	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, 18680-18685.	7.1	231
53	Inflammatory bowel disease susceptibility loci defined by genome scan meta-analysis of 1952 affected relative pairs. Human Molecular Genetics, 2004, 13, 763-770.	2.9	219
54	Paths to understanding the genetic basis of autoimmune disease. Nature, 2005, 435, 584-589.	27.8	214

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55	Polymorphism at the TNF superfamily gene TNFSF4 confers susceptibility to systemic lupus erythematosus. Nature Genetics, 2008, 40, 83-89.	21.4	193
56	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.	3.5	187
57	The role of the CD58 locus in multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5264-5269.	7.1	185
58	Deep Resequencing of GWAS Loci Identifies Rare Variants in CARD9, IL23R and RNF186 That Are Associated with Ulcerative Colitis. PLoS Genetics, 2013, 9, e1003723.	3.5	185
59	HLA Diversity in the 1000 Genomes Dataset. PLoS ONE, 2014, 9, e97282.	2.5	179
60	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, 106-116.	6.2	177
61	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.	21.4	168
62	IBD risk loci are enriched in multigenic regulatory modules encompassing putative causative genes. Nature Communications, 2018, 9, 2427.	12.8	159
63	A second major histocompatibility complex susceptibility locus for multiple sclerosis. Annals of Neurology, 2007, 61, 228-236.	5.3	156
64	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, 1481-1493.	6.2	152
65	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, 106-112.	0.4	152
66	An Integrated Haplotype Map of the Human Major Histocompatibility Complex. American Journal of Human Genetics, 2003, 73, 580-590.	6.2	151
67	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, 205-211.	6.2	147
68	Identification of Two Independent Risk Factors for Lupus within the MHC in United Kingdom Families. PLoS Genetics, 2007, 3, e192.	3.5	146
69	Occupational and environmental exposures and risk of systemic lupus erythematosus: silica, sunlight, solvents. Rheumatology, 2010, 49, 2172-2180.	1.9	142
70	Transcript expression-aware annotation improves rare variant interpretation. Nature, 2020, 581, 452-458.	27.8	142
71	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, 778-793.	6.2	140
72	Genome-wide association studies: a new window into immune-mediated diseases. Nature Reviews Immunology, 2008, 8, 631-643.	22.7	130

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73	The role of the Toll receptor pathway in susceptibility to inflammatory bowel diseases. Genes and Immunity, 2007, 8, 387-397.	4.1	129
74	Genetic variants in the region harbouring IL2/IL21 associated with ulcerative colitis. Gut, 2009, 58, 799-804.	12.1	126
75	Genome-Wide Association Study Identifies African-Specific Susceptibility Loci in African Americans With Inflammatory Bowel Disease. Gastroenterology, 2017, 152, 206-217.e2.	1.3	120
76	Familial Eosinophilia Maps to the Cytokine Gene Cluster on Human Chromosomal Region 5q31-q33. American Journal of Human Genetics, 1998, 63, 1086-1094.	6.2	117
77	Identification of a Sudden Cardiac Death Susceptibility Locus at 2q24.2 through Genome-Wide Association in European Ancestry Individuals. PLoS Genetics, 2011, 7, e1002158.	3.5	117
78	Replication analysis identifies TYK2 as a multiple sclerosis susceptibility factor. European Journal of Human Genetics, 2009, 17, 1309-1313.	2.8	115
79	Evaluating drug targets through human loss-of-function genetic variation. Nature, 2020, 581, 459-464.	27.8	115
80	Rare and low-frequency coding variants in CXCR2 and other genes are associated with hematological traits. Nature Genetics, 2014, 46, 629-634.	21.4	113
81	A Metabolic Signature of Mitochondrial Dysfunction Revealed through a Monogenic Form of Leigh Syndrome. Cell Reports, 2015, 13, 981-989.	6.4	113
82	A Pleiotropic Missense Variant in SLC39A8 Is Associated With Crohnâ€™s Disease and Human Gut Microbiome Composition. Gastroenterology, 2016, 151, 724-732.	1.3	109
83	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, 953-962.	2.9	108
84	Molecular pathogenesis of inflammatory bowel disease: Genotypes, phenotypes and personalized medicine. Annals of Medicine, 2007, 39, 177-199.	3.8	103
85	Ubiquitin Ligase TRIM62 Regulates CARD9-Mediated Anti-fungal Immunity and Intestinal Inflammation. Immunity, 2015, 43, 715-726.	14.3	102
86	<scp>TECRL</scp>, a new lifeâ€threatening inherited arrhythmia gene associated with overlapping clinical features of both <scp>LQTS</scp> and <scp>CPVT</scp>. EMBO Molecular Medicine, 2016, 8, 1390-1408.	6.9	98
87	Genetic Variation in Myosin IXB Is Associated With Ulcerative Colitis. Gastroenterology, 2006, 131, 1768-1774.	1.3	95
88	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. Nature Communications, 2017, 8, 15805.	12.8	95
89	C1orf106 is a colitis risk gene that regulates stability of epithelial adherens junctions. Science, 2018, 359, 1161-1166.	12.6	95
90	Crohn disease: A current perspective on genetics, autophagy and immunity. Autophagy, 2011, 7, 355-374.	9.1	94

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91	ATG16L1andIL23RAre Associated With Inflammatory Bowel Diseases but Not With Celiac Disease in The Netherlands. American Journal of Gastroenterology, 2008, 103, 621-627.	0.4	88
92	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84
93	Regulation of myeloid cell phagocytosis by LRRK2 via WAVE2 complex stabilization is altered in Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5164-E5173.	7.1	83
94	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. American Journal of Human Genetics, 2016, 99, 40-55.	6.2	82
95	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, 768-775.	6.2	80
96	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, 2396-2402.	6.7	80
97	GWA studies: rewriting the story of IBD. Trends in Genetics, 2009, 25, 137-146.	6.7	79
98	T-Bet Polymorphisms Are Associated with Asthma and Airway Hyperresponsiveness. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 64-70.	5.6	78
99	Refined genomic localization and ethnic differences observed for the IBD5 association with Crohn's disease. European Journal of Human Genetics, 2007, 15, 328-335.	2.8	78
100	Gene-centric association mapping of chromosome 3p implicates MST1 in IBD pathogenesis. Mucosal Immunology, 2008, 1, 131-138.	6.0	77
101	Association of LY9 in UK and Canadian SLE families. Genes and Immunity, 2008, 9, 93-102.	4.1	76
102	Title is missing!. Nature Genetics, 2001, 28, 87-91.	21.4	75
103	Quantitative Founder-Effect Analysis of French Canadian Families Identifies Specific Loci Contributing to Metabolic Phenotypes of Hypertension. American Journal of Human Genetics, 2005, 76, 815-832.	6.2	73
104	MHC associations with clinical and autoantibody manifestations in European SLE. Genes and Immunity, 2014, 15, 210-217.	4.1	73
105	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, 8673-8685.	3.4	71
106	Association of DLG5 R30Q variant with inflammatory bowel disease. European Journal of Human Genetics, 2005, 13, 835-839.	2.8	70
107	IL12A, MPHOSPH9/CDK2AP1 and RGS1 are novel multiple sclerosis susceptibility loci. Genes and Immunity, 2010, 11, 397-405.	4.1	70
108	Genetic Factors Interact With Tobacco Smoke to Modify Risk for Inflammatory Bowel Disease in Humans and Mice. Gastroenterology, 2017, 153, 550-565.	1.3	68

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109	Lrrk2 alleles modulate inflammation during microbial infection of mice in a sex-dependent manner. Science Translational Medicine, 2019, 11, .	12.4	67
110	Insights into the genetic epidemiology of Crohn's and rare diseases in the Ashkenazi Jewish population. PLoS Genetics, 2018, 14, e1007329.	3.5	66
111	Enhancing linkage analysis of complex disorders: an evaluation of high-density genotyping. Human Molecular Genetics, 2004, 13, 1943-1949.	2.9	65
112	Characterization of Genetic Loci That Affect Susceptibility to Inflammatory Bowel Diseases in African Americans. Gastroenterology, 2015, 149, 1575-1586.	1.3	65
113	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, 777-784.	0.9	64
114	Absence of linkage between inflammatory bowel disease and selected loci on chromosomes 3, 7, 12, and 16. Gastroenterology, 1998, 115, 1062-1065.	1.3	63
115	Autophagy as an important process in gut homeostasis and Crohn's disease pathogenesis. Gut, 2008, 57, 717-720.	12.1	62
116	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, 305-311.	3.8	61
117	A Major Histocompatibility Class I Locus Contributes to Multiple Sclerosis Susceptibility Independently from HLA-DRB1*15:01. PLoS ONE, 2010, 5, e11296.	2.5	60
118	A comprehensive evaluation of the genetic architecture of sudden cardiac arrest. European Heart Journal, 2018, 39, 3961-3969.	2.2	59
119	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, 375-381.	1.9	56
120	Clinical, Serologic, and Genetic Factors Associated with Pyoderma Gangrenosum and Erythema Nodosum in Inflammatory Bowel Disease Patients. Inflammatory Bowel Diseases, 2014, 20, 525-533.	1.9	56
121	Genetic variation in toll-like receptor 9 and susceptibility to systemic lupus erythematosus. Arthritis and Rheumatism, 2006, 54, 1279-1282.	6.7	55
122	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, 1558-1568.	6.2	53
123	Diagnostic misclassification reduces the ability to detect linkage in inflammatory bowel disease genetic studies. Gut, 2001, 49, 773-776.	12.1	53
124	Genetic Variation in the Familial Mediterranean Fever Gene (MEFV) and Risk for Crohn's Disease and Ulcerative Colitis. PLoS ONE, 2009, 4, e7154.	2.5	53
125	A protein-truncating R179X variant in RNF186 confers protection against ulcerative colitis. Nature Communications, 2016, 7, 12342.	12.8	50
126	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.	6.2	50

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127	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, 43-49.	1.3	50
128	CIITA variation in the presence of HLA-DRB1*1501 increases risk for multiple sclerosis. Human Molecular Genetics, 2010, 19, 2331-2340.	2.9	49
129	Evaluation of Tollâ€like receptor and adaptor molecule polymorphisms for susceptibility to tuberculosis in a Colombian population. International Journal of Immunogenetics, 2012, 39, 216-223.	1.8	49
130	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.	2.9	48
131	Direct or indirect association in a complex disease: the role ofSLC22A4 andSLC22A5 functional variants in Crohn disease. Human Mutation, 2006, 27, 778-785.	2.5	47
132	A Second-Generation Association Study of the 5q31 Cytokine Gene Cluster and the Interleukin-4 Receptor in Asthma. Genomics, 2001, 77, 35-42.	2.9	46
133	A molecular-properties-based approach to understanding PDZ domain proteins and PDZ ligands. Genome Research, 2006, 16, 1056-1072.	5.5	45
134	Appendectomy does not decrease the risk of future colectomy in UC: results from a large cohort and meta-analysis. Gut, 2017, 66, 1390-1397.	12.1	45
135	Common and Rare Variant Prediction and Penetrance of IBD in a Large, Multi-ethnic, Health System-based Biobank Cohort. Gastroenterology, 2021, 160, 1546-1557.	1.3	43
136	Inflamed Ulcerative Colitis Regions Associated With MRGPRX2-Mediated Mast Cell Degranulation and Cell Activation Modules, Defining a New Therapeutic Target. Gastroenterology, 2021, 160, 1709-1724.	1.3	43
137	Established genetic risk factors do not distinguish early and later onset CrohnÊ¼s disease. Inflammatory Bowel Diseases, 2009, 15, 1508-1514.	1.9	41
138	A targeted association study in systemic lupus erythematosus identifies multiple susceptibility alleles. Genes and Immunity, 2011, 12, 51-58.	4.1	40
139	Activation of murine kupffer cell tumoricidal activity by liposomes containing lipophilic muramyl dipeptide. Hepatology, 1988, 8, 1046-1050.	7.3	39
140	A Genomewide Linkage-Disequilibrium Scan Localizes the Saguenayâ€“Lac-Saint-Jean Cytochrome Oxidase Deficiency to 2p16. American Journal of Human Genetics, 2001, 68, 397-409.	6.2	39
141	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, 975-983.	1.9	38
142	Human enteric viruses autonomously shape inflammatory bowel disease phenotype through divergent innate immunomodulation. Science Immunology, 2022, 7, eabn6660.	11.9	38
143	Loss of hepatic LRPPRC alters mitochondrial bioenergetics, regulation of permeability transition and trans-membrane ROS diffusion. Human Molecular Genetics, 2017, 26, 3186-3201.	2.9	36
144	MAST3: a novel IBD risk factor that modulates TLR4 signaling. Genes and Immunity, 2008, 9, 602-612.	4.1	35

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145	Innate Control of Tissue-Reparative Human Regulatory T Cells. Journal of Immunology, 2019, 202, 2195-2209.	0.8	35
146	Variation Within DNA Repair Pathway Genes and Risk of Multiple Sclerosis. American Journal of Epidemiology, 2010, 172, 217-224.	3.4	34
147	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.	2.5	34
148	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, 317-321.	2.8	32
149	Phenotype-Stratified Genetic Linkage Study Demonstrates that IBD2 Is an Extensive Ulcerative Colitis Locus. American Journal of Gastroenterology, 2006, 101, 572-580.	0.4	32
150	Patientsâ€™ 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.	2.2	32
151	Anti-DNA and anti-platelet specificities of SLE-derived autoantibodies: evidence for CDR2H mutations and CDR3H motifs. Molecular Immunology, 1995, 32, 683-696.	2.2	31
152	Comprehensive and Reproducible Untargeted Lipidomic Workflow Using LC-QTOF Validated for Human Plasma Analysis. Journal of Proteome Research, 2018, 17, 3657-3670.	3.7	31
153	Inhibition of murine hepatic tumor growth by liposomes containing a lipophilic muramyl dipeptide. Cancer Immunology, Immunotherapy, 1989, 28, 54-8.	4.2	30
154	Genomewide search and association studies in a Finnish celiac disease population: Identification of a novel locus and replication of the HLA and CTLA4 loci. American Journal of Medical Genetics, Part A, 2004, 130A, 345-350.	1.2	30
155	A functional candidate screen for coeliac disease genes. European Journal of Human Genetics, 2006, 14, 1215-1222.	2.8	30
156	The role of inflammatory bowel disease susceptibility loci in multiple sclerosis and systemic lupus erythematosus. Genes and Immunity, 2006, 7, 327-334.	4.1	29
157	MHC region and risk of systemic lupus erythematosus in African American women. Human Genetics, 2011, 130, 807-815.	3.8	29
158	Contribution of higher risk genes and European admixture to CrohnÊ¼s disease in African Americans. Inflammatory Bowel Diseases, 2012, 18, 2277-2287.	1.9	29
159	Lipidomics unveils lipid dyshomeostasis and low circulating plasmalogens as biomarkers in a monogenic mitochondrial disorder. JCI Insight, 2019, 4, .	5.0	26
160	Autosomal Recessive Spastic Ataxia of Charlevoixâ€“Saguenay (ARSACS): High-Resolution Physical and Transcript Map of the Candidate Region in Chromosome Region 13q11. Genomics, 1999, 62, 156-164.	2.9	25
161	Haplotype-based association analysis of 56 functional candidate genes in the IBD6 locus on chromosome 19. European Journal of Human Genetics, 2006, 14, 780-790.	2.8	24
162	Genome-wide expression profiling implicates a MAST3-regulated gene set in colonic mucosal inflammation of ulcerative colitis patients. Inflammatory Bowel Diseases, 2012, 18, 1072-1080.	1.9	24

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163	NR1H3 p.Arg415Gln Is Not Associated to Multiple Sclerosis Risk. Neuron, 2016, 92, 333-335.	8.1	24
164	Multiomics Analyses to Deliver the Most Effective Treatment to Every Patient With Inflammatory Bowel Disease. Gastroenterology, 2018, 155, e1-e4.	1.3	24
165	Haplotype structure of TNFRSF5-TNFSF5 (CD40â€“CD40L) and association analysis in systemic lupus erythematosus. European Journal of Human Genetics, 2005, 13, 669-676.	2.8	23
166	Phenotypic and Genotypic Characteristics of Inflammatory Bowel Disease in French Canadians: Comparison With a Large North American Repository. American Journal of Gastroenterology, 2009, 104, 2233-2240.	0.4	23
167	Assessment of complement C4 gene copy number using the paralog ratio test. Human Mutation, 2010, 31, 866-874.	2.5	23
168	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, 983-991.	2.2	22
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