Richard H Duerr

List of Publications by Year in Descending Order

103 papers	25,904 citations	51 h-index	118 g-index
118 ext. papers	28,978 ext. citations	11.9 avg, IF	5.34 L-index

#	Paper	IF	Citations
103	Whole-genome sequencing of African Americans implicates differential genetic architecture in inflammatory bowel disease. *American Journal of Human Genetics*, **2021**, 108, 431-445	11	0
102	Common and Rare Variant Prediction and Penetrance of IBD in a Large, Multi-ethnic, Health System-based Biobank Cohort. *Gastroenterology*, **2021**, 160, 1546-1557	13.3	12
101	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	13.3	12
100	BREM-SC: a bayesian random effects mixture model for joint clustering single cell multi-omics data. *Nucleic Acids Research*, **2020**, 48, 5814-5824	20.1	16
99	GMM-Demux: sample demultiplexing, multiplet detection, experiment planning, and novel cell-type verification in single cell sequencing. *Genome Biology*, **2020**, 21, 188	18.3	12
98	Challenges in IBD Research: Precision Medicine. *Inflammatory Bowel Diseases*, **2019**, 25, S31-S39	4.5	38
97	NOX1 loss-of-function genetic variants in patients with inflammatory bowel disease. *Mucosal Immunology*, **2018**, 11, 562-574	9.2	51
96	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
95	Insights into the genetic epidemiology of Crohn's and rare diseases in the Ashkenazi Jewish population. *PLoS Genetics*, **2018**, 14, e1007329	6	41
94	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
93	Genetic architecture distinguishes systemic juvenile idiopathic arthritis from other forms of juvenile idiopathic arthritis: clinical and therapeutic implications. *Annals of the Rheumatic Diseases*, **2017**, 76, 906-913	2.4	89
92	Fine-mapping inflammatory bowel disease loci to single-variant resolution. *Nature*, **2017**, 547, 173-178	50.4	311
91	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
90	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. *Lancet, The*, **2016**, 387, 156-67	40	449
89	Ocular Manifestations in Inflammatory Bowel Disease Are Associated with Other Extra-intestinal Manifestations, Gender, and Genes Implicated in Other Immune-related Traits. *Journal of Crohns and Colitis*, **2016**, 10, 43-9	1.5	27
88	Genomic architecture of inflammatory bowel disease in five families with multiple affected individuals. *Human Genome Variation*, **2016**, 3, 15060	1.8	12
87	A protein-truncating R179X variant in RNF186 confers protection against ulcerative colitis. *Nature Communications*, **2016**, 7, 12342	17.4	41

86	Genetic Predictors of Benign Course of Ulcerative Colitis-A North American Inflammatory Bowel Disease Genetics Consortium Study. *Inflammatory Bowel Diseases*, **2016**, 22, 2311-6	4.5	13
85	P-175 Pleiotropic Effects of Novel Functional LRRK2 Variation on Crohn's Disease and Parkinson's Disease Risk. *Inflammatory Bowel Diseases*, **2016**, 22, S62-S63	4.5	
84	A Frameshift in CSF2RB Predominant Among Ashkenazi Jews Increases Risk for Crohn's Disease and Reduces Monocyte Signaling via GM-CSF. *Gastroenterology*, **2016**, 151, 710-723.e2	13.3	40
83	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
82	Characterization of genetic loci that affect susceptibility to inflammatory bowel diseases in African Americans. *Gastroenterology*, **2015**, 149, 1575-1586	13.3	47
81	HLA-DRB1*11 and variants of the MHC class II locus are strong risk factors for systemic juvenile idiopathic arthritis. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 15970-5	11.5	103
80	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
79	Gene-gene and gene-environment interactions in ulcerative colitis. *Human Genetics*, **2014**, 133, 547-58	6.3	22
78	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
77	Association between variants of PRDM1 and NDP52 and Crohn's disease, based on exome sequencing and functional studies. *Gastroenterology*, **2013**, 145, 339-47	13.3	125
76	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
75	High-density genotyping study identifies four new susceptibility loci for atopic dermatitis. *Nature Genetics*, **2013**, 45, 808-12	36.3	131
74	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
73	The IL17A and IL17F loci have divergent histone modifications and are differentially regulated by prostaglandin E2 in Th17 cells. *Cytokine*, **2013**, 64, 404-12	4	19
72	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
71	A novel approach to detect cumulative genetic effects and genetic interactions in Crohn's disease. *Inflammatory Bowel Diseases*, **2013**, 19, 1799-808	4.5	12
70	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. *Nature*, **2012**, 491, 119-24	50.4	3239
69	PTGER4 expression-modulating polymorphisms in the 5p13.1 region predispose to Crohn's disease and affect NF-Β and XBP1 binding sites. *PLoS ONE*, **2012**, 7, e52873	3.7	33

68	Amino acid position 11 of HLA-DR□1 is a major determinant of chromosome 6p association with ulcerative colitis. *Genes and Immunity*, **2012**, 13, 245-52	4.4	30
67	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
66	A genome-wide scan of Ashkenazi Jewish Crohn's disease suggests novel susceptibility loci. *PLoS Genetics*, **2012**, 8, e1002559	6	117
65	NADPH oxidase complex and IBD candidate gene studies: identification of a rare variant in NCF2 that results in reduced binding to RAC2. *Gut*, **2012**, 61, 1028-35	19.2	129
64	Single nucleotide polymorphisms that increase expression of the guanosine triphosphatase RAC1 are associated with ulcerative colitis. *Gastroenterology*, **2011**, 141, 633-41	13.3	58
63	Deep resequencing of GWAS loci identifies independent rare variants associated with inflammatory bowel disease. *Nature Genetics*, **2011**, 43, 1066-73	36.3	584
62	Association of TNFSF15 polymorphism with irritable bowel syndrome. *Gut*, **2011**, 60, 1671-1677	19.2	97
61	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
60	Prostaglandin E2 and IL-23 plus IL-1□differentially regulate the Th1/Th17 immune response of human CD161(+) CD4(+) memory T cells. *Clinical and Translational Science*, **2011**, 4, 268-73	4.9	21
59	Dense genotyping identifies and localizes multiple common and rare variant association signals in celiac disease. *Nature Genetics*, **2011**, 43, 1193-201	36.3	535
58	NOD2 gene polymorphism rs2066844 associates with need for combined liver-intestine transplantation in children with short-gut syndrome. *American Journal of Gastroenterology*, **2011**, 106, 157-65	0.7	38
57	Genome-wide association identifies multiple ulcerative colitis susceptibility loci. *Nature Genetics*, **2010**, 42, 332-7	36.3	491
56	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
55	Genetic variants in the region harbouring IL2/IL21 associated with ulcerative colitis. *Gut*, **2009**, 58, 799-804	19.2	109
54	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
53	Ulcerative colitis-risk loci on chromosomes 1p36 and 12q15 found by genome-wide association study. *Nature Genetics*, **2009**, 41, 216-20	36.3	325
52	Common variants at five new loci associated with early-onset inflammatory bowel disease. *Nature Genetics*, **2009**, 41, 1335-40	36.3	389
51	MAST3: a novel IBD risk factor that modulates TLR4 signaling. *Genes and Immunity*, **2008**, 9, 602-12	4.4	27

50	Genome-wide association defines more than 30 distinct susceptibility loci for Crohn's disease. *Nature Genetics*, **2008**, 40, 955-62	36.3	2092
49	Deletion polymorphism upstream of IRGM associated with altered IRGM expression and Crohn's disease. *Nature Genetics*, **2008**, 40, 1107-12	36.3	527
48	An SNP linkage scan identifies significant Crohn's disease loci on chromosomes 13q13.3 and, in Jewish families, on 1p35.2 and 3q29. *Genes and Immunity*, **2008**, 9, 161-7	4.4	8
47	Gene-centric association mapping of chromosome 3p implicates MST1 in IBD pathogenesis. *Mucosal Immunology*, **2008**, 1, 131-8	9.2	67
46	The expanding universe of inflammatory bowel disease genetics. *Current Opinion in Gastroenterology*, **2008**, 24, 429-34	3	17
45	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
44	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
43	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
42	The role of the Toll receptor pathway in susceptibility to inflammatory bowel diseases. *Genes and Immunity*, **2007**, 8, 387-97	4.4	120
41	Protein-tyrosine phosphatase sigma is associated with ulcerative colitis. *Current Biology*, **2007**, 17, 1212-8	8.3	46
40	Analysis of keratin polypeptides 8 and 19 variants in inflammatory bowel disease. *Clinical Gastroenterology and Hepatology*, **2007**, 5, 857-64	6.9	33
39	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
38	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
37	Dominant-negative TLR5 polymorphism reduces adaptive immune response to flagellin and negatively associates with Crohn's disease. *American Journal of Physiology - Renal Physiology*, **2006**, 290, G1157-63	5.1	159
36	A genome-wide association study identifies IL23R as an inflammatory bowel disease gene. *Science*, **2006**, 314, 1461-3	33.3	2363
35	Identification of genetic loci for basal cell nevus syndrome and inflammatory bowel disease in a single large pedigree. *Human Genetics*, **2006**, 120, 31-41	6.3	3
34	The IBD international genetics consortium provides further evidence for linkage to IBD4 and shows gene-environment interaction. *Inflammatory Bowel Diseases*, **2005**, 11, 1-7	4.5	37
33	Innate immune receptor genetic polymorphisms in pouchitis: is CARD15 a susceptibility factor?. *Inflammatory Bowel Diseases*, **2005**, 11, 965-71	4.5	74

32	Functional annotation of a novel NFKB1 promoter polymorphism that increases risk for ulcerative colitis. *Human Molecular Genetics*, **2004**, 13, 35-45	5.6	292
31	A genome scan in 260 inflammatory bowel disease-affected relative pairs. *Inflammatory Bowel Diseases*, **2004**, 10, 15-22	4.5	27
30	A genome scan in 260 inflammatory bowel disease-affected relative pairs. *Inflammatory Bowel Diseases*, **2004**, 10, 513-20	4.5	41
29	Update on the genetics of inflammatory bowel disease. *Journal of Clinical Gastroenterology*, **2003**, 37, 358-67	3	52
28	Defining complex contributions of NOD2/CARD15 gene mutations, age at onset, and tobacco use on Crohn's disease phenotypes. *Inflammatory Bowel Diseases*, **2003**, 9, 281-9	4.5	172
27	Crohn's disease-associated NOD2 variants share a signaling defect in response to lipopolysaccharide and peptidoglycan. *Gastroenterology*, **2003**, 124, 140-6	13.3	335
26	MDR1 Ala893 polymorphism is associated with inflammatory bowel disease. *American Journal of Human Genetics*, **2003**, 73, 1282-92	11	187
25	Perinuclear neutrophil antibodies are not markers for genetic susceptibility or indicators of genetic heterogeneity in familial ulcerative colitis. *American Journal of Gastroenterology*, **2002**, 97, 2343-9	0.7	5
24	Evidence for an inflammatory bowel disease locus on chromosome 3p26: linkage, transmission/disequilibrium and partitioning of linkage. *Human Molecular Genetics*, **2002**, 11, 2599-606	5.6	23
23	A new susceptibility locus for autosomal dominant pancreatic cancer maps to chromosome 4q32-34. *American Journal of Human Genetics*, **2002**, 70, 1044-8	11	109
22	The genetics of inflammatory bowel disease. *Gastroenterology Clinics of North America*, **2002**, 31, 63-76	4.4	30
21	A frameshift mutation in NOD2 associated with susceptibility to Crohn's disease. *Nature*, **2001**, 411, 603-6	30.4	4014
20	Ulcerative colitis is more strongly linked to chromosome 12 than Crohn's disease. *Gut*, **2001**, 49, 311	19.2	3
19	The IBD4 locus shows linkage heterogeneity between Crohn's disease and ulcerative colitis. *Gastroenterology*, **2001**, 120, A455	13.3	2
18	High-density genome scan in Crohn disease shows confirmed linkage to chromosome 14q11-12. *American Journal of Human Genetics*, **2000**, 66, 1857-62	11	162
17	The IBD2 locus shows linkage heterogeneity between ulcerative colitis and Crohn disease. *American Journal of Human Genetics*, **2000**, 67, 1605-10	11	73
16	A genome scan at 751 microsatellite loci reveals linkage between Crohn's disease and chromosome 14q11□12, the IBD4 locus. *Gastroenterology*, **2000**, 118, A708	13.3	2
15	Linkage and association between inflammatory bowel disease and a locus on chromosome 12. *American Journal of Human Genetics*, **1998**, 63, 95-100	11	131

14	Genetics of Inflammatory Bowel Disease. *Inflammatory Bowel Diseases*, **1996**, 2, 48-60	4.5	19
13	Genetics of inflammatory bowel disease. *Inflammatory Bowel Diseases*, **1996**, 2, 48-60	4.5	22
12	Decreased mucosal IgA levels in ileum of patients with chronic ulcerative colitis. *Digestive Diseases and Sciences*, **1995**, 40, 805-11	4	8
11	Molecularly defined HLA-DR2 alleles in ulcerative colitis and an antineutrophil cytoplasmic antibody-positive subgroup. *Gastroenterology*, **1995**, 108, 423-7	13.3	68
10	Is there a genetic basis for clinical subsets of ulcerative colitis?. *Inflammatory Bowel Diseases*, **1995**, 1, 234-5	4.5	1
9	Neutrophil autoantibodies in ulcerative colitis: familial aggregation and genetic heterogeneity. *Gastroenterology*, **1992**, 103, 456-61	13.3	162
8	Anti-neutrophil cytoplasmic antibodies in ulcerative colitis. Comparison with other colitides/diarrheal illnesses. *Gastroenterology*, **1991**, 100, 1590-6	13.3	263
7	Neutrophil Cytoplasmic Antibodies: A Link Between Primary Sclerosing Cholangitis and Ulcerative Colitis. *Gastroenterology*, **1991**, 100, 1385-1391	13.3	281
6	Neutrophil autoantibodies as disease markers for ulcerative colitis. *Immunologic Research*, **1991**, 10, 479-84	4.5	14
5	Colonoscopy during an attack of severe ulcerative colitis. *American Journal of Gastroenterology*, **1991**, 86, 1278	0.7	3
4	Association mapping of inflammatory bowel disease loci to single variant resolution		12
3	Insights into the genetic epidemiology of Crohn and rare diseases in the Ashkenazi Jewish population		2
2	Sample demultiplexing, multiplet detection, experiment planning and novel cell type verification in single cell sequencing		1
1	Sequencing of over 100,000 individuals identifies multiple genes and rare variants associated with Crohns disease susceptibility		2