

# Richard H Duerr

## List of Publications by Citations

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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	A frameshift mutation in NOD2 associated with susceptibility to Crohn's disease. <i>Nature</i> , <b>2001</b> , 411, 603-6	50.4	4014
102	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. <i>Nature</i> , <b>2012</b> , 491, 119-24	50.4	3239
101	A genome-wide association study identifies IL23R as an inflammatory bowel disease gene. <i>Science</i> , <b>2006</b> , 314, 1461-3	33.3	2363
100	Genome-wide association defines more than 30 distinct susceptibility loci for Crohn's disease. <i>Nature Genetics</i> , <b>2008</b> , 40, 955-62	36.3	2092
99	Genome-wide meta-analysis increases to 71 the number of confirmed Crohn's disease susceptibility loci. <i>Nature Genetics</i> , <b>2010</b> , 42, 1118-25	36.3	1946
98	Genome-wide association study identifies new susceptibility loci for Crohn disease and implicates autophagy in disease pathogenesis. <i>Nature Genetics</i> , <b>2007</b> , 39, 596-604	36.3	1442
97	Meta-analysis identifies 29 additional ulcerative colitis risk loci, increasing the number of confirmed associations to 47. <i>Nature Genetics</i> , <b>2011</b> , 43, 246-52	36.3	1028
96	Deep resequencing of GWAS loci identifies independent rare variants associated with inflammatory bowel disease. <i>Nature Genetics</i> , <b>2011</b> , 43, 1066-73	36.3	584
95	Dense genotyping identifies and localizes multiple common and rare variant association signals in celiac disease. <i>Nature Genetics</i> , <b>2011</b> , 43, 1193-201	36.3	535
94	Deletion polymorphism upstream of IRGM associated with altered IRGM expression and Crohn's disease. <i>Nature Genetics</i> , <b>2008</b> , 40, 1107-12	36.3	527
93	Genome-wide association identifies multiple ulcerative colitis susceptibility loci. <i>Nature Genetics</i> , <b>2010</b> , 42, 332-7	36.3	491
92	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. <i>Lancet, The</i> , <b>2016</b> , 387, 156-67	40	449
91	Common variants at five new loci associated with early-onset inflammatory bowel disease. <i>Nature Genetics</i> , <b>2009</b> , 41, 1335-40	36.3	389
90	Crohn's disease-associated NOD2 variants share a signaling defect in response to lipopolysaccharide and peptidoglycan. <i>Gastroenterology</i> , <b>2003</b> , 124, 140-6	13.3	335
89	Ulcerative colitis-risk loci on chromosomes 1p36 and 12q15 found by genome-wide association study. <i>Nature Genetics</i> , <b>2009</b> , 41, 216-20	36.3	325
88	Fine-mapping inflammatory bowel disease loci to single-variant resolution. <i>Nature</i> , <b>2017</b> , 547, 173-178	50.4	311
87	Functional annotation of a novel NFKB1 promoter polymorphism that increases risk for ulcerative colitis. <i>Human Molecular Genetics</i> , <b>2004</b> , 13, 35-45	5.6	292

86	Neutrophil Cytoplasmic Antibodies: A Link Between Primary Sclerosing Cholangitis and Ulcerative Colitis. <i>Gastroenterology</i> , <b>1991</b> , 100, 1385-1391	13.3	281
85	Dense genotyping of immune-related disease regions identifies nine new risk loci for primary sclerosing cholangitis. <i>Nature Genetics</i> , <b>2013</b> , 45, 670-5	36.3	267
84	Anti-neutrophil cytoplasmic antibodies in ulcerative colitis. Comparison with other colitides/diarrheal illnesses. <i>Gastroenterology</i> , <b>1991</b> , 100, 1590-6	13.3	263
83	Inflammatory bowel disease characteristics among African Americans, Hispanics, and non-Hispanic Whites: characterization of a large North American cohort. <i>American Journal of Gastroenterology</i> , <b>2006</b> , 101, 1012-23	0.7	210
82	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. <i>Nature Genetics</i> , <b>2015</b> , 47, 172-9	36.3	201
81	MDR1 Ala893 polymorphism is associated with inflammatory bowel disease. <i>American Journal of Human Genetics</i> , <b>2003</b> , 73, 1282-92	11	187
80	Defining complex contributions of NOD2/CARD15 gene mutations, age at onset, and tobacco use on Crohn's disease phenotypes. <i>Inflammatory Bowel Diseases</i> , <b>2003</b> , 9, 281-9	4.5	172
79	Functional variants in the gene confer shared effects on risk for Crohn's disease and Parkinson's disease. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	165
78	High-density genome scan in Crohn disease shows confirmed linkage to chromosome 14q11-12. <i>American Journal of Human Genetics</i> , <b>2000</b> , 66, 1857-62	11	162
77	Neutrophil autoantibodies in ulcerative colitis: familial aggregation and genetic heterogeneity. <i>Gastroenterology</i> , <b>1992</b> , 103, 456-61	13.3	162
76	Dominant-negative TLR5 polymorphism reduces adaptive immune response to flagellin and negatively associates with Crohn's disease. <i>American Journal of Physiology - Renal Physiology</i> , <b>2006</b> , 290, G1157-63	5.1	159
75	Deep resequencing of GWAS loci identifies rare variants in CARD9, IL23R and RNF186 that are associated with ulcerative colitis. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003723	6	149
74	High-density genotyping study identifies four new susceptibility loci for atopic dermatitis. <i>Nature Genetics</i> , <b>2013</b> , 45, 808-12	36.3	131
73	Linkage and association between inflammatory bowel disease and a locus on chromosome 12. <i>American Journal of Human Genetics</i> , <b>1998</b> , 63, 95-100	11	131
72	NADPH oxidase complex and IBD candidate gene studies: identification of a rare variant in NCF2 that results in reduced binding to RAC2. <i>Gut</i> , <b>2012</b> , 61, 1028-35	19.2	129
71	Association between variants of PRDM1 and NDP52 and Crohn's disease, based on exome sequencing and functional studies. <i>Gastroenterology</i> , <b>2013</b> , 145, 339-47	13.3	125
70	The role of the Toll receptor pathway in susceptibility to inflammatory bowel diseases. <i>Genes and Immunity</i> , <b>2007</b> , 8, 387-97	4.4	120
69	Relationship between proximal Crohn's disease location and disease behavior and surgery: a cross-sectional study of the IBD Genetics Consortium. <i>American Journal of Gastroenterology</i> , <b>2013</b> , 108, 106-12	0.7	118

68	A genome-wide scan of Ashkenazi Jewish Crohn's disease suggests novel susceptibility loci. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002559	6	117
67	Genetic variants in the region harbouring IL2/IL21 associated with ulcerative colitis. <i>Gut</i> , <b>2009</b> , 58, 799-804	4.2	109
66	A new susceptibility locus for autosomal dominant pancreatic cancer maps to chromosome 4q32-34. <i>American Journal of Human Genetics</i> , <b>2002</b> , 70, 1044-8	11	109
65	HLA-DRB1*11 and variants of the MHC class II locus are strong risk factors for systemic juvenile idiopathic arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 15970-5	11.5	103
64	Association of TNFSF15 polymorphism with irritable bowel syndrome. <i>Gut</i> , <b>2011</b> , 60, 1671-1677	19.2	97
63	Genetic architecture distinguishes systemic juvenile idiopathic arthritis from other forms of juvenile idiopathic arthritis: clinical and therapeutic implications. <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, 906-913	2.4	89
62	Genome-Wide Association Study Identifies African-Specific Susceptibility Loci in African Americans With Inflammatory Bowel Disease. <i>Gastroenterology</i> , <b>2017</b> , 152, 206-217.e2	13.3	85
61	A Pleiotropic Missense Variant in SLC39A8 Is Associated With Crohn's Disease and Human Gut Microbiome Composition. <i>Gastroenterology</i> , <b>2016</b> , 151, 724-32	13.3	77
60	Innate immune receptor genetic polymorphisms in pouchitis: is CARD15 a susceptibility factor?. <i>Inflammatory Bowel Diseases</i> , <b>2005</b> , 11, 965-71	4.5	74
59	The IBD2 locus shows linkage heterogeneity between ulcerative colitis and Crohn disease. <i>American Journal of Human Genetics</i> , <b>2000</b> , 67, 1605-10	11	73
58	Refined genomic localization and ethnic differences observed for the IBD5 association with Crohn's disease. <i>European Journal of Human Genetics</i> , <b>2007</b> , 15, 328-35	5.3	69
57	Molecularly defined HLA-DR2 alleles in ulcerative colitis and an antineutrophil cytoplasmic antibody-positive subgroup. <i>Gastroenterology</i> , <b>1995</b> , 108, 423-7	13.3	68
56	Gene-centric association mapping of chromosome 3p implicates MST1 in IBD pathogenesis. <i>Mucosal Immunology</i> , <b>2008</b> , 1, 131-8	9.2	67
55	Single nucleotide polymorphisms that increase expression of the guanosine triphosphatase RAC1 are associated with ulcerative colitis. <i>Gastroenterology</i> , <b>2011</b> , 141, 633-41	13.3	58
54	Update on the genetics of inflammatory bowel disease. <i>Journal of Clinical Gastroenterology</i> , <b>2003</b> , 37, 358-67	3	52
53	NOX1 loss-of-function genetic variants in patients with inflammatory bowel disease. <i>Mucosal Immunology</i> , <b>2018</b> , 11, 562-574	9.2	51
52	Characterization of genetic loci that affect susceptibility to inflammatory bowel diseases in African Americans. <i>Gastroenterology</i> , <b>2015</b> , 149, 1575-1586	13.3	47
51	Protein-tyrosine phosphatase sigma is associated with ulcerative colitis. <i>Current Biology</i> , <b>2007</b> , 17, 1212-8	3	46

50	Clinical, serologic, and genetic factors associated with pyoderma gangrenosum and erythema nodosum in inflammatory bowel disease patients. <i>Inflammatory Bowel Diseases</i> , <b>2014</b> , 20, 525-33	4.5	42
49	A protein-truncating R179X variant in RNF186 confers protection against ulcerative colitis. <i>Nature Communications</i> , <b>2016</b> , 7, 12342	17.4	41
48	Insights into the genetic epidemiology of Crohn's and rare diseases in the Ashkenazi Jewish population. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007329	6	41
47	A genome scan in 260 inflammatory bowel disease-affected relative pairs. <i>Inflammatory Bowel Diseases</i> , <b>2004</b> , 10, 513-20	4.5	41
46	A Frameshift in CSF2RB Predominant Among Ashkenazi Jews Increases Risk for Crohn's Disease and Reduces Monocyte Signaling via GM-CSF. <i>Gastroenterology</i> , <b>2016</b> , 151, 710-723.e2	13.3	40
45	Challenges in IBD Research: Precision Medicine. <i>Inflammatory Bowel Diseases</i> , <b>2019</b> , 25, S31-S39	4.5	38
44	NOD2 gene polymorphism rs2066844 associates with need for combined liver-intestine transplantation in children with short-gut syndrome. <i>American Journal of Gastroenterology</i> , <b>2011</b> , 106, 157-65	0.7	38
43	The IBD international genetics consortium provides further evidence for linkage to IBD4 and shows gene-environment interaction. <i>Inflammatory Bowel Diseases</i> , <b>2005</b> , 11, 1-7	4.5	37
42	PTGER4 expression-modulating polymorphisms in the 5p13.1 region predispose to Crohn's disease and affect NF- $\kappa$ B and XBP1 binding sites. <i>PLoS ONE</i> , <b>2012</b> , 7, e52873	3.7	33
41	Analysis of keratin polypeptides 8 and 19 variants in inflammatory bowel disease. <i>Clinical Gastroenterology and Hepatology</i> , <b>2007</b> , 5, 857-64	6.9	33
40	Appendectomy does not decrease the risk of future colectomy in UC: results from a large cohort and meta-analysis. <i>Gut</i> , <b>2017</b> , 66, 1390-1397	19.2	30
39	Amino acid position 11 of HLA-DR $\beta$ is a major determinant of chromosome 6p association with ulcerative colitis. <i>Genes and Immunity</i> , <b>2012</b> , 13, 245-52	4.4	30
38	Assessment of reliability and validity of IBD phenotyping within the National Institutes of Diabetes and Digestive and Kidney Diseases (NIDDK) IBD Genetics Consortium (IBDGC). <i>Inflammatory Bowel Diseases</i> , <b>2007</b> , 13, 975-83	4.5	30
37	The genetics of inflammatory bowel disease. <i>Gastroenterology Clinics of North America</i> , <b>2002</b> , 31, 63-76	4.4	30
36	Phenotype-stratified genetic linkage study demonstrates that IBD2 is an extensive ulcerative colitis locus. <i>American Journal of Gastroenterology</i> , <b>2006</b> , 101, 572-80	0.7	28
35	Ocular Manifestations in Inflammatory Bowel Disease Are Associated with Other Extra-intestinal Manifestations, Gender, and Genes Implicated in Other Immune-related Traits. <i>Journal of Crohns and Colitis</i> , <b>2016</b> , 10, 43-9	1.5	27
34	MAST3: a novel IBD risk factor that modulates TLR4 signaling. <i>Genes and Immunity</i> , <b>2008</b> , 9, 602-12	4.4	27
33	A genome scan in 260 inflammatory bowel disease-affected relative pairs. <i>Inflammatory Bowel Diseases</i> , <b>2004</b> , 10, 15-22	4.5	27

32	Contribution of higher risk genes and European admixture to Crohn's disease in African Americans. <i>Inflammatory Bowel Diseases</i> , <b>2012</b> , 18, 2277-87	4.5	26
31	Evidence for an inflammatory bowel disease locus on chromosome 3p26: linkage, transmission/disequilibrium and partitioning of linkage. <i>Human Molecular Genetics</i> , <b>2002</b> , 11, 2599-606	5.6	23
30	Gene-gene and gene-environment interactions in ulcerative colitis. <i>Human Genetics</i> , <b>2014</b> , 133, 547-58	6.3	22
29	Genetics of inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , <b>1996</b> , 2, 48-60	4.5	22
28	Prostaglandin E2 and IL-23 plus IL-1 $\beta$ differentially regulate the Th1/Th17 immune response of human CD161(+) CD4(+) memory T cells. <i>Clinical and Translational Science</i> , <b>2011</b> , 4, 268-73	4.9	21
27	Phenotypic and genotypic characteristics of inflammatory bowel disease in French Canadians: comparison with a large North American repository. <i>American Journal of Gastroenterology</i> , <b>2009</b> , 104, 2233-40	0.7	20
26	The IL17A and IL17F loci have divergent histone modifications and are differentially regulated by prostaglandin E2 in Th17 cells. <i>Cytokine</i> , <b>2013</b> , 64, 404-12	4	19
25	Genetics of Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , <b>1996</b> , 2, 48-60	4.5	19
24	The expanding universe of inflammatory bowel disease genetics. <i>Current Opinion in Gastroenterology</i> , <b>2008</b> , 24, 429-34	3	17
23	BREM-SC: a bayesian random effects mixture model for joint clustering single cell multi-omics data. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 5814-5824	20.1	16
22	Neutrophil autoantibodies as disease markers for ulcerative colitis. <i>Immunologic Research</i> , <b>1991</b> , 10, 479-84	4.4	14
21	Genetic Predictors of Benign Course of Ulcerative Colitis-A North American Inflammatory Bowel Disease Genetics Consortium Study. <i>Inflammatory Bowel Diseases</i> , <b>2016</b> , 22, 2311-6	4.5	13
20	Genomic architecture of inflammatory bowel disease in five families with multiple affected individuals. <i>Human Genome Variation</i> , <b>2016</b> , 3, 15060	1.8	12
19	A novel approach to detect cumulative genetic effects and genetic interactions in Crohn's disease. <i>Inflammatory Bowel Diseases</i> , <b>2013</b> , 19, 1799-808	4.5	12
18	Association mapping of inflammatory bowel disease loci to single variant resolution		12
17	GMM-Demux: sample demultiplexing, multiplet detection, experiment planning, and novel cell-type verification in single cell sequencing. <i>Genome Biology</i> , <b>2020</b> , 21, 188	18.3	12
16	Common and Rare Variant Prediction and Penetrance of IBD in a Large, Multi-ethnic, Health System-based Biobank Cohort. <i>Gastroenterology</i> , <b>2021</b> , 160, 1546-1557	13.3	12
15	Inflamed Ulcerative Colitis Regions Associated With MRGPRX2-Mediated Mast Cell Degranulation and Cell Activation Modules, Defining a New Therapeutic Target. <i>Gastroenterology</i> , <b>2021</b> , 160, 1709-1724	13.3	12

14	An SNP linkage scan identifies significant Crohn's disease loci on chromosomes 13q13.3 and, in Jewish families, on 1p35.2 and 3q29. <i>Genes and Immunity</i> , <b>2008</b> , 9, 161-7	4.4	8
13	Decreased mucosal IgA levels in ileum of patients with chronic ulcerative colitis. <i>Digestive Diseases and Sciences</i> , <b>1995</b> , 40, 805-11	4	8
12	Perinuclear neutrophil antibodies are not markers for genetic susceptibility or indicators of genetic heterogeneity in familial ulcerative colitis. <i>American Journal of Gastroenterology</i> , <b>2002</b> , 97, 2343-9	0.7	5
11	Identification of genetic loci for basal cell nevus syndrome and inflammatory bowel disease in a single large pedigree. <i>Human Genetics</i> , <b>2006</b> , 120, 31-41	6.3	3
10	Ulcerative colitis is more strongly linked to chromosome 12 than Crohn's disease. <i>Gut</i> , <b>2001</b> , 49, 311	19.2	3
9	Colonoscopy during an attack of severe ulcerative colitis. <i>American Journal of Gastroenterology</i> , <b>1991</b> , 86, 1278	0.7	3
8	A genome scan at 751 microsatellite loci reveals linkage between Crohn's disease and chromosome 14q11q12, the IBD4 locus. <i>Gastroenterology</i> , <b>2000</b> , 118, A708	13.3	2
7	The IBD4 locus shows linkage heterogeneity between Crohn's disease and ulcerative colitis. <i>Gastroenterology</i> , <b>2001</b> , 120, A455	13.3	2
6	Insights into the genetic epidemiology of Crohn's and rare diseases in the Ashkenazi Jewish population		2
5	Sequencing of over 100,000 individuals identifies multiple genes and rare variants associated with Crohn's disease susceptibility		2
4	Is there a genetic basis for clinical subsets of ulcerative colitis?. <i>Inflammatory Bowel Diseases</i> , <b>1995</b> , 1, 234-5	4.5	1
3	Sample demultiplexing, multiplet detection, experiment planning and novel cell type verification in single cell sequencing		1
2	Whole-genome sequencing of African Americans implicates differential genetic architecture in inflammatory bowel disease. <i>American Journal of Human Genetics</i> , <b>2021</b> , 108, 431-445	11	0
1	P-175 Pleiotropic Effects of Novel Functional LRRK2 Variation on Crohn's Disease and Parkinson's Disease Risk. <i>Inflammatory Bowel Diseases</i> , <b>2016</b> , 22, S62-S63	4.5	