Miles Parkes

List of Publications by Year in Descending Order

151 papers	34,652 citations	58 h-index	159 g-index
159 ext. papers	39,938 ext. citations	15.6 avg, IF	7.47 L-index

#	Paper	IF	Citations
151	Rectovaginal Fistula in Crohn's Disease: When and How to Operate?. *Clinics in Colon and Rectal Surgery*, **2022**, 35, 10-20	2.3	
150	COVID-19 vaccine-induced antibody responses in immunosuppressed patients with inflammatory bowel disease (VIP): a multicentre, prospective, case-control study.. *The Lancet Gastroenterology and Hepatology*, **2022**,	18.8	10
149	Single-cell genomics for resolution of conserved bacterial genes and mobile genetic elements of the human intestinal microbiota using flow cytometry.. *Gut Microbes*, **2022**, 14, 2029673	8.8	0
148	A systems genomics approach to uncover patient-specific pathogenic pathways and proteins in ulcerative colitis.. *Nature Communications*, **2022**, 13, 2299	17.4	0
147	Thiopurine monotherapy is effective in ulcerative colitis but significantly less so in Crohn's disease: long-term outcomes for 11 928 patients in the UK inflammatory bowel disease bioresource. *Gut*, **2021**, 70, 677-686	19.2	14
146	Genome-wide analysis of 53,400 people with irritable bowel syndrome highlights shared genetic pathways with mood and anxiety disorders. *Nature Genetics*, **2021**, 53, 1543-1552	36.3	11
145	Two microbiota subtypes identified in irritable bowel syndrome with distinct responses to the low FODMAP diet. *Gut*, **2021**,	19.2	8
144	How do we predict a patient's disease course and whether they will respond to specific treatments?. *Gastroenterology*, **2021**,	13.3	2
143	Randomized Trial of Ciprofloxacin Doxycycline and Hydroxychloroquine Versus Budesonide in Active Crohn's Disease. *Digestive Diseases and Sciences*, **2021**, 66, 2700-2711	4	1
142	SARS-CoV-2 vaccination for patients with inflammatory bowel disease: a British Society of Gastroenterology Inflammatory Bowel Disease section and IBD Clinical Research Group position statement. *The Lancet Gastroenterology and Hepatology*, **2021**, 6, 218-224	18.8	54
141	A Crohn's disease-associated IL2RA enhancer variant determines the balance of T cell immunity by regulating responsiveness to IL-2 signaling. *Journal of Crohn's and Colitis*, **2021**,	1.5	1
140	Moving towards more patient-centred clinical trials in IBD. *Nature Reviews Gastroenterology and Hepatology*, **2021**, 18, 673-674	24.2	0
139	The Impact of NOD2 Genetic Variants on the Gut Mycobiota in Crohn's Disease Patients in Remission and in Individuals Without Gastrointestinal Inflammation. *Journal of Crohn's and Colitis*, **2021**, 15, 800-812	1.5	5
138	Enhanced neoplasia detection in chronic ulcerative colitis: the ENDCaP-C diagnostic accuracy study. *Efficacy and Mechanism Evaluation*, **2021**, 8, 1-88	1.7	
137	GWAS of stool frequency provides insights into gastrointestinal motility and irritable bowel syndrome.. *Cell Genomics*, **2021**, 1, None		2
136	Clinical trials (and tribulations): the immediate effects of COVID-19 on IBD clinical research activity in the United Kingdom. *Journal of Crohn's and Colitis*, **2020**,	1.5	5
135	Somatic mosaicism and common genetic variation contribute to the risk of very-early-onset inflammatory bowel disease. *Nature Communications*, **2020**, 11, 995	17.4	21

134	Effectiveness and safety of vedolizumab in inflammatory bowel disease patients aged 60 and over: an observational multicenter UK experience. *Annals of Gastroenterology*, **2020**, 33, 170-177	2.2	7
133	HLA-DQA1*05 Carriage Associated With Development of Anti-Drug Antibodies to Infliximab and Adalimumab in Patients With Crohn's Disease. *Gastroenterology*, **2020**, 158, 189-199	13.3	117
132	Personalised medicine in Crohn's disease. *The Lancet Gastroenterology and Hepatology*, **2020**, 5, 80-92	18.8	15
131	Somatic Evolution in Non-neoplastic IBD-Affected Colon. *Cell*, **2020**, 182, 672-684.e11	56.2	50
130	Dynamic immunoglobulin responses to gut bacteria during inflammatory bowel disease. *Gut Microbes*, **2020**, 11, 405-420	8.8	24
129	British Society of Gastroenterology guidance for management of inflammatory bowel disease during the COVID-19 pandemic. *Gut*, **2020**, 69, 984-990	19.2	159
128	British Society of Gastroenterology consensus guidelines on the management of inflammatory bowel disease in adults. *Gut*, **2019**, 68, s1-s106	19.2	557
127	Autologous stem cell transplantation in refractory Crohn's disease - low intensity therapy evaluation (ASTIClite): study protocols for a multicentre, randomised controlled trial and observational follow up study. *BMC Gastroenterology*, **2019**, 19, 82	3	12
126	Genetic and Genomic Markers for Prognostication **2019**, 323-331		
125	Microscopic colitis. *Medicine*, **2019**, 47, 388-390	0.6	1
124	A blood-based prognostic biomarker in IBD. *Gut*, **2019**, 68, 1386-1395	19.2	69
123	Diverticular disease: picking pockets and population biobanks. *Gut*, **2019**, 68, 769-770	19.2	0
122	Anti-commensal IgG Drives Intestinal Inflammation and Type 17 Immunity in Ulcerative Colitis. *Immunity*, **2019**, 50, 1099-1114.e10	32.3	71
121	Predictors of anti-TNF treatment failure in anti-TNF-naive patients with active luminal Crohn's disease: a prospective, multicentre, cohort study. *The Lancet Gastroenterology and Hepatology*, **2019**, 4, 341-353	18.8	224
120	Trial summary and protocol for a phase II randomised placebo-controlled double-blinded trial of Interleukin 1 blockade in Acute Severe Colitis: the IASO trial. *BMJ Open*, **2019**, 9, e023765	3	17
119	Association of Genetic Variants in NUDT15 With Thiopurine-Induced Myelosuppression in Patients With Inflammatory Bowel Disease. *JAMA - Journal of the American Medical Association*, **2019**, 321, 773-785	27.4	75
118	IBD BioResource: an open-access platform of 25 000 patients to accelerate research in Crohn's and Colitis. *Gut*, **2019**, 68, 1537-1540	19.2	9
117	IBD Genomic Risk Loci and Overlap with Other Inflammatory Diseases **2019**, 91-115		

116	Mitochondrial neurogastrointestinal encephalopathy: a clinicopathological mimic of Crohn's disease. *BMC Gastroenterology*, **2019**, 19, 11	3	5
115	The Impact of NOD2 Variants on Fecal Microbiota in Crohn's Disease and Controls Without Gastrointestinal Disease. *Inflammatory Bowel Diseases*, **2018**, 24, 583-592	4.5	28
114	Acetarsol Suppositories: Effective Treatment for Refractory Proctitis in a Cohort of Patients with Inflammatory Bowel Disease. *Digestive Diseases and Sciences*, **2018**, 63, 1011-1015	4	6
113	Patients with perianal Crohn's fistulas experience delays in accessing anti-TNF therapy due to slow recognition, diagnosis and integration of specialist services: lessons learned from three referral centres. *Colorectal Disease*, **2018**, 20, 797-803	2.1	6
112	NOX1 loss-of-function genetic variants in patients with inflammatory bowel disease. *Mucosal Immunology*, **2018**, 11, 562-574	9.2	51
111	PRedicting Outcomes For Crohn's dIsease using a moLecular biomarkEr (PROFILE): protocol for a multicentre, randomised, biomarker-stratified trial. *BMJ Open*, **2018**, 8, e026767	3	27
110	On the threshold of personalized medicine in inflammatory bowel disease: Next generation genetic predictors. *Journal of Gastroenterology and Hepatology (Australia)*, **2018**, 33 Suppl 3, 5-6	4	
109	Debate session: So what causes inflammatory bowel disease? It's all in the genes. *Journal of Gastroenterology and Hepatology (Australia)*, **2018**, 33 Suppl 3, 23	4	
108	Selectively targeting the gut in inflammatory bowel disease: Targeting integrins. *Journal of Gastroenterology and Hepatology (Australia)*, **2018**, 33 Suppl 3, 26	4	
107	Genome-wide association study identifies distinct genetic contributions to prognosis and susceptibility in Crohn's disease. *Nature Genetics*, **2017**, 49, 262-268	36.3	182
106	Genome-wide association study implicates immune activation of multiple integrin genes in inflammatory bowel disease. *Nature Genetics*, **2017**, 49, 256-261	36.3	462
105	Exploring the genetic architecture of inflammatory bowel disease by whole-genome sequencing identifies association at ADCY7. *Nature Genetics*, **2017**, 49, 186-192	36.3	104
104	Defective ATG16L1-mediated removal of IRE1 drives Crohn's disease-like ileitis. *Journal of Experimental Medicine*, **2017**, 214, 401-422	16.6	109
103	Infliximab and adalimumab drug levels in Crohn's disease: contrasting associations with disease activity and influencing factors. *Alimentary Pharmacology and Therapeutics*, **2017**, 46, 150-161	6.1	46
102	Fine-mapping inflammatory bowel disease loci to single-variant resolution. *Nature*, **2017**, 547, 173-178	50.4	311
101	Predicting the Individual Risk of Acute Severe Colitis at Diagnosis. *Journal of Crohn's and Colitis*, **2017**, 11, 335-341	1.5	14
100	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. *Lancet, The*, **2016**, 387, 156-67	40	449
99	Genome-wide rare copy number variation screening in ulcerative colitis identifies potential susceptibility loci. *BMC Medical Genetics*, **2016**, 17, 26	2.1	10

98	Clinical Features and HLA Association of 5-Aminosalicylate (5-ASA)-induced Nephrotoxicity in Inflammatory Bowel Disease. *Journal of Crohn's and Colitis*, **2016**, 10, 149-58	1.5	57
97	Relapse after withdrawal from anti-TNF therapy for inflammatory bowel disease: an observational study, plus systematic review and meta-analysis. *Alimentary Pharmacology and Therapeutics*, **2016**, 43, 910-923	6.1	59
96	Analysis of five chronic inflammatory diseases identifies 27 new associations and highlights disease-specific patterns at shared loci. *Nature Genetics*, **2016**, 48, 510-8	36.3	404
95	Intestinal APCs of the endogenous nanomineral pathway fail to express PD-L1 in Crohn's disease. *Scientific Reports*, **2016**, 6, 26747	4.9	19
94	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
93	Pooled sequencing of 531 genes in inflammatory bowel disease identifies an associated rare variant in BTNL2 and implicates other immune related genes. *PLoS Genetics*, **2015**, 11, e1004955	6	43
92	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
91	Generation of primary human intestinal T cell transcriptomes reveals differential expression at genetic risk loci for immune-mediated disease. *Gut*, **2015**, 64, 250-9	19.2	24
90	Microscopic colitis. *Medicine*, **2015**, 43, 291-292	0.6	
89	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
88	Disease-specific alterations in the enteric virome in inflammatory bowel disease. *Cell*, **2015**, 160, 447-60	56.2	696
87	HLA-DQA1-HLA-DRB1 variants confer susceptibility to pancreatitis induced by thiopurine immunosuppressants. *Nature Genetics*, **2014**, 46, 1131-4	36.3	130
86	Thiopurine withdrawal during sustained clinical remission in inflammatory bowel disease: relapse and recapture rates, with predictive factors in 237 patients. *Alimentary Pharmacology and Therapeutics*, **2014**, 40, 1313-23	6.1	43
85	'High definition': not all it appears. *Gut*, **2014**, 63, 863-4	19.2	
84	A comparison of outcomes for adults and children undergoing resection for inflammatory bowel disease: is there a difference?. *ISRN Gastroenterology*, **2014**, 2014, 410753		8
83	Genetic insights into common pathways and complex relationships among immune-mediated diseases. *Nature Reviews Genetics*, **2013**, 14, 661-73	30.1	394
82	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
81	Human SNP links differential outcomes in inflammatory and infectious disease to a FOXO3-regulated pathway. *Cell*, **2013**, 155, 57-69	56.2	168

80	Negligible impact of rare autoimmune-locus coding-region variants on missing heritability. *Nature*, **2013**, 498, 232-5	50.4	156
79	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
78	Personalised medicine and genetic prediction--are we there yet?. *Clinical Medicine*, **2013**, 13 Suppl 6, s62-4	1.9	
77	DNA methylation analysis in the intestinal epithelium-effect of cell separation on gene expression and methylation profile. *PLoS ONE*, **2013**, 8, e55636	3.7	22
76	The Genetics of Crohn's Disease **2013**, 99-118		
75	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. *Nature*, **2012**, 491, 119-24	50.4	3239
74	Evidence from genetics for a role of autophagy and innate immunity in IBD pathogenesis. *Digestive Diseases*, **2012**, 30, 330-3	3.2	39
73	Mucosal genome-wide methylation changes in inflammatory bowel disease. *Inflammatory Bowel Diseases*, **2012**, 18, 2128-37	4.5	103
72	Immuno-inhibitory PD-L1 can be induced by a peptidoglycan/NOD2 mediated pathway in primary monocytic cells and is deficient in Crohn's patients with homozygous NOD2 mutations. *Clinical Immunology*, **2012**, 143, 162-9	9	20
71	Bayesian refinement of association signals for 14 loci in 3 common diseases. *Nature Genetics*, **2012**, 44, 1294-301	36.3	347
70	The genetics universe of Crohn's disease and ulcerative colitis. *Digestive Diseases*, **2012**, 30 Suppl 1, 78-81	3.2	21
69	Analysis of Interaction for Identifying Causal Mechanisms. *Wiley Series in Probability and Statistics*, **2012**, 192-207	1.3	2
68	The use of Cyclosporin A in acute steroid-refractory ulcerative colitis: long term outcomes. *Journal of Crohn's and Colitis*, **2011**, 5, 91-4	1.5	19
67	Deep resequencing of GWAS loci identifies independent rare variants associated with inflammatory bowel disease. *Nature Genetics*, **2011**, 43, 1066-73	36.3	584
66	A rare cause of duodenal stricture. *BMJ Case Reports*, **2011**, 2011,	0.9	1
65	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
64	Microscopic colitis. *Medicine*, **2011**, 39, 237-238	0.6	1
63	New IBD genetics: common pathways with other diseases. *Gut*, **2011**, 60, 1739-53	19.2	418

62	Genetic association between NLRP3 variants and Crohn's disease does not replicate in a large UK panel. *Inflammatory Bowel Diseases*, **2011**, 17, 1387-91	4.5	51
61	Genome-wide association studies and Crohn's disease. *Briefings in Functional Genomics*, **2011**, 10, 71-6	4.9	38
60	Gene expression profiling of CD8+ T cells predicts prognosis in patients with Crohn disease and ulcerative colitis. *Journal of Clinical Investigation*, **2011**, 121, 4170-9	15.9	192
59	Crohn disease: a current perspective on genetics, autophagy and immunity. *Autophagy*, **2011**, 7, 355-74	10.2	84
58	Proteins encoded in genomic regions associated with immune-mediated disease physically interact and suggest underlying biology. *PLoS Genetics*, **2011**, 7, e1001273	6	383
57	Rare and functional SIAE variants are not associated with autoimmune disease risk in up to 66,924 individuals of European ancestry. *Nature Genetics*, **2011**, 44, 3-5	36.3	39
56	Genome-wide association study of CNVs in 16,000 cases of eight common diseases and 3,000 shared controls. *Nature*, **2010**, 464, 713-20	50.4	639
55	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. *Nature Genetics*, **2010**, 42, 436-40	36.3	521
54	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
53	Genome-wide association study of ulcerative colitis identifies three new susceptibility loci, including the HNF4A region. *Nature Genetics*, **2009**, 41, 1330-4	36.3	411
52	Common variants at five new loci associated with early-onset inflammatory bowel disease. *Nature Genetics*, **2009**, 41, 1335-40	36.3	389
51	Investigation of Crohn's disease risk loci in ulcerative colitis further defines their molecular relationship. *Gastroenterology*, **2009**, 136, 523-9.e3	13.3	152
50	Symptom classification in irritable bowel syndrome as a guide to treatment. *Scandinavian Journal of Gastroenterology*, **2009**, 44, 796-803	2.4	8
49	Genetic determinants of ulcerative colitis include the ECM1 locus and five loci implicated in Crohn's disease. *Nature Genetics*, **2008**, 40, 710-2	36.3	353
48	Genome-wide association defines more than 30 distinct susceptibility loci for Crohn's disease. *Nature Genetics*, **2008**, 40, 955-62	36.3	2092
47	Use of sirolimus (rapamycin) to treat refractory Crohn's disease. *Gut*, **2008**, 57, 1294-6	19.2	100
46	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. *Autophagy*, **2008**, 4, 151-75	10.2	1920
45	Genetics of inflammatory bowel disease: clues to pathogenesis. *British Medical Bulletin*, **2008**, 87, 17-30	5.4	47

44	Contribution of TNFSF15 gene variants to Crohn's disease susceptibility confirmed in UK population. *Inflammatory Bowel Diseases*, **2008**, 14, 733-7	4.5	56
43	Gender-stratified analysis of DLG5 R30Q in 4707 patients with Crohn disease and 4973 controls from 12 Caucasian cohorts. *Journal of Medical Genetics*, **2008**, 45, 36-42	5.8	37
42	Analysis of germline GLI1 variation implicates hedgehog signalling in the regulation of intestinal inflammatory pathways. *PLoS Medicine*, **2008**, 5, e239	11.6	58
41	Prevalence of CARD15/NOD2 mutations in Caucasian healthy people. *American Journal of Gastroenterology*, **2007**, 102, 1259-67	0.7	233
40	IL23R variation determines susceptibility but not disease phenotype in inflammatory bowel disease. *Gastroenterology*, **2007**, 132, 1657-64	13.3	156
39	Genome-wide association scans identify multiple confirmed susceptibility loci for Crohn's disease: lessons for study design. *Inflammatory Bowel Diseases*, **2007**, 13, 1554-60	4.5	12
38	Association scan of 14,500 nonsynonymous SNPs in four diseases identifies autoimmunity variants. *Nature Genetics*, **2007**, 39, 1329-37	36.3	1130
37	Sequence variants in the autophagy gene IRGM and multiple other replicating loci contribute to Crohn's disease susceptibility. *Nature Genetics*, **2007**, 39, 830-2	36.3	933
36	Genome-wide association study of 14,000 cases of seven common diseases and 3,000 shared controls. *Nature*, **2007**, 447, 661-78	50.4	7801
35	Analysis of the BTNL2 truncating splice site mutation in tuberculosis, leprosy and Crohn's disease. *Tissue Antigens*, **2007**, 69, 236-41		25
34	A randomized, double-blind, placebo-controlled trial of lenalidomide in the treatment of moderately severe active Crohn's disease. *Alimentary Pharmacology and Therapeutics*, **2007**, 26, 421-30	6.1	25
33	Microscopic colitis. *Medicine*, **2007**, 35, 290-291	0.6	1
32	Genome-wide association scanning highlights two autophagy genes, ATG16L1 and IRGM, as being significantly associated with Crohn's disease. *Autophagy*, **2007**, 3, 649-51	10.2	119
31	Common pathways in Crohn's disease and other inflammatory diseases revealed by genomics. *Gut*, **2007**, 56, 1489-92	19.2	21
30	Evidence for association of OCTN genes and IBD5 with ulcerative colitis. *Gut*, **2006**, 55, 809-14	19.2	78
29	Systematic review: the use of mesalazine in inflammatory bowel disease. *Alimentary Pharmacology and Therapeutics*, **2006**, 23, 841-55	6.1	84
28	Genetic variants in TNF-alpha but not DLG5 are associated with inflammatory bowel disease in a large United Kingdom cohort. *Inflammatory Bowel Diseases*, **2006**, 12, 178-84	4.5	31
27	Complex insertion/deletion polymorphism in NOD1 (CARD4) is not associated with inflammatory bowel disease susceptibility in East Anglia panel. *Inflammatory Bowel Diseases*, **2006**, 12, 967-71	4.5	24

26	Human keratin 8 mutations that disturb filament assembly observed in inflammatory bowel disease patients. *Journal of Cell Science*, **2004**, 117, 1989-99	5.3	78
25	The genetics of inflammatory bowel disease. *British Journal of Hospital Medicine*, **2003**, 64, 599-602		3
24	Mobilisation of enterocyte fat stores by oral glucose in humans. *Gut*, **2003**, 52, 834-9	19.2	114
23	Review article: the management of severe Crohn's disease. *Alimentary Pharmacology and Therapeutics*, **2001**, 15, 563-73	6.1	11
22	Ulcerative colitis is more strongly linked to chromosome 12 than Crohn's disease. *Gut*, **2001**, 49, 311	19.2	3
21	Evidence for inflammatory bowel disease of a susceptibility locus on the X chromosome. *Gastroenterology*, **2001**, 120, 834-40	13.3	39
20	Exclusion of linkage of Crohn's disease to previously reported regions on chromosomes 12, 7, and 3 in the Belgian population indicates genetic heterogeneity. *Inflammatory Bowel Diseases*, **2000**, 6, 165-70	4.5	19
19	The IBD2 locus shows linkage heterogeneity between ulcerative colitis and Crohn disease. *American Journal of Human Genetics*, **2000**, 67, 1605-10	11	73
18	Association of ulcerative colitis with rare VNTR alleles of the human intestinal mucin gene, MUC3. *Human Molecular Genetics*, **1999**, 8, 307-11	5.6	65
17	Contribution of the IL-2 and IL-10 genes to inflammatory bowel disease (IBD) susceptibility. *Clinical and Experimental Immunology*, **1998**, 113, 28-32	6.2	41
16	Molecular genetics of Crohn's disease: recent advances. *The European Journal of Surgery*, **1998**, 164, 887-91		2
15	Genetics of inflammatory bowel disease. *Clinical Science*, **1998**, 94, 473-8	6.5	40
14	Genetics of inflammatory bowel disease. A personal view on progress and prospects. *Digestive Diseases*, **1998**, 16, 370-4	3.2	7
13	Two-Stage Genome-Wide Search in Inflammatory Bowel Disease: Strong Evidence for Susceptibility LOCI on Chromosomes 3, 7 and 12. *Clinical Science*, **1997**, 93, 18P-19P		
12	Mapping susceptibility loci in inflammatory bowel disease: why and how?. *Trends in Molecular Medicine*, **1997**, 3, 546-53		6
11	Susceptibility loci in inflammatory bowel disease. *Lancet, The*, **1996**, 348, 1588	40	54
10	Two stage genome-wide search in inflammatory bowel disease provides evidence for susceptibility loci on chromosomes 3, 7 and 12. *Nature Genetics*, **1996**, 14, 199-202	36.3	600
9	Cytokine gene polymorphisms in inflammatory bowel disease. *Gut*, **1996**, 39, 705-10	19.2	90

8	Genetics Clinical and Therapeutic Applications85-88	
7	Association mapping of inflammatory bowel disease loci to single variant resolution	12
6	Genome-wide association study implicates immune activation of multiple integrin genes in inflammatory bowel disease	4
5	Exploring the genetic architecture of inflammatory bowel disease by whole genome sequencing identifies association at ADCY7	3
4	HLA-DQA1*05 is associated with the development of antibodies to anti-TNF therapy	10
3	A systems genomics approach to uncover patient-specific pathogenic pathways and proteins in a complex disease	2
2	Which will take us Further in IBDStudy of Coding Variation or Epigenetics?1-6	
1	Sequencing of over 100,000 individuals identifies multiple genes and rare variants associated with Crohns disease susceptibility	2