

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100 papers	12,043 citations	37 h-index	109 g-index
114 ext. papers	14,186 ext. citations	8.7 avg, IF	4.41 L-index

#	Paper	IF	Citations
100	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. <i>Nature</i> , 2012 , 491, 119-24	50.4	3239
99	Genome-wide meta-analysis increases to 71 the number of confirmed Crohn's disease susceptibility loci. <i>Nature Genetics</i> , 2010 , 42, 1118-25	36.3	1946
98	Meta-analysis identifies 29 additional ulcerative colitis risk loci, increasing the number of confirmed associations to 47. <i>Nature Genetics</i> , 2011 , 43, 246-52	36.3	1028
97	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , 2020 , 383, 1522-1534	59.2	913
96	Deep resequencing of GWAS loci identifies independent rare variants associated with inflammatory bowel disease. <i>Nature Genetics</i> , 2011 , 43, 1066-73	36.3	584
95	Genome-wide association identifies multiple ulcerative colitis susceptibility loci. <i>Nature Genetics</i> , 2010 , 42, 332-7	36.3	491
94	Common variants at five new loci associated with early-onset inflammatory bowel disease. <i>Nature Genetics</i> , 2009 , 41, 1335-40	36.3	389
93	Ulcerative colitis-risk loci on chromosomes 1p36 and 12q15 found by genome-wide association study. <i>Nature Genetics</i> , 2009 , 41, 216-20	36.3	325
92	Mapping the human genetic architecture of COVID-19. <i>Nature</i> , 2021 ,	50.4	162
91	Meta-analysis of shared genetic architecture across ten pediatric autoimmune diseases. <i>Nature Medicine</i> , 2015 , 21, 1018-27	50.5	143
90	Association between variants of PRDM1 and NDP52 and Crohn's disease, based on exome sequencing and functional studies. <i>Gastroenterology</i> , 2013 , 145, 339-47	13.3	125
89	Helicobacter pylori infection and growth delay in older children. <i>Archives of Disease in Childhood</i> , 1997 , 77, 46-9	2.2	98
88	Variants of CARD15 are associated with an aggressive clinical course of Crohn's disease--an IG-IBD study. <i>American Journal of Gastroenterology</i> , 2005 , 100, 84-92	0.7	98
87	IBD risk loci are enriched in multigenic regulatory modules encompassing putative causative genes. <i>Nature Communications</i> , 2018 , 9, 2427	17.4	95
86	Glycosylation of Immunoglobulin G Associates With Clinical Features of Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2018 , 154, 1320-1333.e10	13.3	82
85	Genetic variation in myosin IXB is associated with ulcerative colitis. <i>Gastroenterology</i> , 2006 , 131, 1768-74	13.3	82
84	DMBT1 confers mucosal protection in vivo and a deletion variant is associated with Crohn's disease. <i>Gastroenterology</i> , 2007 , 133, 1499-509	13.3	81

83	Addendum: Palmieri, O. et al. Functional Implications of MicroRNAs in Crohn's Disease Revealed by Integrating MicroRNA and Messenger RNA Expression Profiling. <i>Int. J. Mol. Sci.</i> 2017, 18, 1580. <i>International Journal of Molecular Sciences</i> , 2017 , 18, 2113	6.3	78
82	Increased intestinal permeability and NOD2 variants in familial and sporadic Crohn's disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2006 , 23, 1455-61	6.1	78
81	Common variants in the HLA-DQ region confer susceptibility to idiopathic achalasia. <i>Nature Genetics</i> , 2014 , 46, 901-4	36.3	75
80	Genetic analysis in Italian families with inflammatory bowel disease supports linkage to the IBD1 locus--a GISC study. <i>European Journal of Human Genetics</i> , 1999 , 7, 567-73	5.3	73
79	Associations between genetic polymorphisms in IL-33, IL1R1 and risk for inflammatory bowel disease. <i>PLoS ONE</i> , 2013 , 8, e62144	3.7	68
78	Polymorphism of the IRGM gene might predispose to fistulizing behavior in Crohn's disease. <i>American Journal of Gastroenterology</i> , 2009 , 104, 110-6	0.7	67
77	Gene-centric association mapping of chromosome 3p implicates MST1 in IBD pathogenesis. <i>Mucosal Immunology</i> , 2008 , 1, 131-8	9.2	67
76	Polymorphisms of tumor necrosis factor-alpha but not MDR1 influence response to medical therapy in pediatric-onset inflammatory bowel disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007 , 44, 171-9	2.8	67
75	Erythrocytes-mediated delivery of dexamethasone in steroid-dependent IBD patients-a pilot uncontrolled study. <i>American Journal of Gastroenterology</i> , 2005 , 100, 1370-5	0.7	66
74	Association of DLG5 R30Q variant with inflammatory bowel disease. <i>European Journal of Human Genetics</i> , 2005 , 13, 835-9	5.3	61
73	Erythrocyte-mediated delivery of dexamethasone in patients with mild-to-moderate ulcerative colitis, refractory to mesalamine: a randomized, controlled study. <i>American Journal of Gastroenterology</i> , 2008 , 103, 2509-16	0.7	59
72	Multidrug resistance 1 gene polymorphisms are not associated with inflammatory bowel disease and response to therapy in Italian patients. <i>Alimentary Pharmacology and Therapeutics</i> , 2005 , 22, 1129-38	6.1	57
71	Replication of interleukin 23 receptor and autophagy-related 16-like 1 association in adult- and pediatric-onset inflammatory bowel disease in Italy. <i>World Journal of Gastroenterology</i> , 2008 , 14, 4643-51	5.6	57
70	Metabolomic profile in pancreatic cancer patients: a consensus-based approach to identify highly discriminating metabolites. <i>Oncotarget</i> , 2016 , 7, 5815-29	3.3	56
69	Evidence of transmission ratio distortion of DLG5 R30Q variant in general and implication of an association with Crohn disease in men. <i>Human Genetics</i> , 2006 , 119, 305-11	6.3	55
68	Plasma N-Glycan Signatures Are Associated With Features of Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2018 , 155, 829-843	13.3	47
67	Variants of OCTN1-2 cation transporter genes are associated with both Crohn's disease and ulcerative colitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2006 , 23, 497-506	6.1	47
66	Genetic sharing and heritability of paediatric age of onset autoimmune diseases. <i>Nature Communications</i> , 2015 , 6, 8442	17.4	46

65	Investigation of multiple susceptibility loci for inflammatory bowel disease in an Italian cohort of patients. <i>PLoS ONE</i> , 2011 , 6, e22688	3.7	45
64	Gender-stratified analysis of DLG5 R30Q in 4707 patients with Crohn disease and 4973 controls from 12 Caucasian cohorts. <i>Journal of Medical Genetics</i> , 2008 , 45, 36-42	5.8	37
63	Sequential evaluation of thiopurine methyltransferase, inosine triphosphate pyrophosphatase, and HPRT1 genes polymorphisms to explain thiopurines' toxicity and efficacy. <i>Alimentary Pharmacology and Therapeutics</i> , 2007 , 26, 737-45	6.1	34
62	Evaluating the role of the genetic variations of PTPN22, NFKB1, and FcGR11A genes in inflammatory bowel disease: a meta-analysis. <i>Inflammatory Bowel Diseases</i> , 2007 , 13, 1212-9	4.5	32
61	Systematic analysis of circadian genes using genome-wide cDNA microarrays in the inflammatory bowel disease transcriptome. <i>Chronobiology International</i> , 2015 , 32, 903-16	3.6	31
60	Female-Specific Association Between Variants on Chromosome 9 and Self-Reported Diagnosis of Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2018 , 155, 168-179	13.3	31
59	Association study of a polymorphism in clock gene PERIOD3 and risk of inflammatory bowel disease. <i>Chronobiology International</i> , 2012 , 29, 994-1003	3.6	30
58	Glucocorticoid resistance in Crohn's disease and ulcerative colitis: an association study investigating GR and FKBP5 gene polymorphisms. <i>Pharmacogenomics Journal</i> , 2012 , 12, 432-8	3.5	29
57	HLA and enteric antineuronal antibodies in patients with achalasia. <i>Neurogastroenterology and Motility</i> , 2006 , 18, 520-5	4	29
56	CARD15 genotyping in inflammatory bowel disease patients by multiplex pyrosequencing. <i>Clinical Chemistry</i> , 2003 , 49, 1675-9	5.5	29
55	Frequency of NOD2/CARD15 variants in both sporadic and familial cases of Crohn's disease across Italy. An Italian Group for Inflammatory Bowel Disease Study. <i>Digestive and Liver Disease</i> , 2004 , 36, 121-4	3.3	29
54	MAST3: a novel IBD risk factor that modulates TLR4 signaling. <i>Genes and Immunity</i> , 2008 , 9, 602-12	4.4	27
53	The association of MYO9B gene in Italian patients with inflammatory bowel diseases. <i>Alimentary Pharmacology and Therapeutics</i> , 2008 , 27, 241-8	6.1	27
52	Contribution of IBD5 locus to clinical features of IBD patients. <i>American Journal of Gastroenterology</i> , 2006 , 101, 318-25	0.7	24
51	The frame-shift mutation of the NOD2/CARD15 gene is significantly increased in ulcerative colitis: an *IG-IBD study. <i>Gastroenterology</i> , 2004 , 126, 625-7	13.3	24
50	High resolution melting (HRM) analysis for the detection of ER22/23EK, BclI, and N363S polymorphisms of the glucocorticoid receptor gene. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009 , 113, 269-74	5.1	23
49	The ABO blood group locus and a chromosome 3 gene cluster associate with SARS-CoV-2 respiratory failure in an Italian-Spanish genome-wide association analysis		23
48	HLA-DRB1 alleles may influence disease phenotype in patients with inflammatory bowel disease: a critical reappraisal with review of the literature. <i>Diseases of the Colon and Rectum</i> , 2005 , 48, 57-64; discussion 64-5	3.1	22

47	The -A2518G polymorphism of monocyte chemoattractant protein-1 is associated with Crohn's disease. <i>American Journal of Gastroenterology</i> , 2010 , 105, 1586-94	0.7	21
46	Haplotype-based association analysis of 56 functional candidate genes in the IBD6 locus on chromosome 19. <i>European Journal of Human Genetics</i> , 2006 , 14, 780-90	5.3	21
45	Antineutrophil cytoplasmic antibodies in inflammatory bowel disease: clinical role and review of the literature. <i>Diseases of the Colon and Rectum</i> , 2000 , 43, 999-1007	3.1	21
44	Neuroimmune interactions in patients with inflammatory bowel diseases: disease activity and clinical behavior based on Substance P serum levels. <i>Journal of Crohn's and Colitis</i> , 2012 , 6, 563-70	1.5	19
43	Gene expression of muscular and neuronal pathways is cooperatively dysregulated in patients with idiopathic achalasia. <i>Scientific Reports</i> , 2016 , 6, 31549	4.9	19
42	Erythrocytes-mediated delivery of dexamethasone 21-phosphate in steroid-dependent ulcerative colitis: a randomized, double-blind Sham-controlled study. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 1872-4	4.5	18
41	Genome-wide expression profiling identifies an impairment of negative feedback signals in the Crohn's disease-associated NOD2 variant L1007fsinsC. <i>Journal of Immunology</i> , 2011 , 186, 4027-38	5.3	18
40	Idiopathic achalasia is not allelic to alacrima achalasia adrenal insufficiency syndrome at the ALADIN locus. <i>Digestive and Liver Disease</i> , 2005 , 37, 312-5	3.3	18
39	Promoter methylation of the and genes correlates with the composition of the immunoglobulin G glycome in inflammatory bowel disease. <i>Clinical Epigenetics</i> , 2018 , 10, 75	7.7	17
38	Genetics of inflammatory bowel disease: the beginning of the end or the end of the beginning?. <i>Digestive and Liver Disease</i> , 2003 , 35, 442-9	3.3	17
37	Enteropathic spondyloarthropathy: a common genetic background with inflammatory bowel disease?. <i>World Journal of Gastroenterology</i> , 2009 , 15, 2456-62	5.6	17
36	The HLA-DQ β insertion is a strong achalasia risk factor and displays a geospatial north-south gradient among Europeans. <i>European Journal of Human Genetics</i> , 2016 , 24, 1228-31	5.3	16
35	Genetic variation in the lymphotoxin- β (LTA)/tumour necrosis factor- β (TNF) β locus as a risk factor for idiopathic achalasia. <i>Gut</i> , 2014 , 63, 1401-9	19.2	16
34	The expression of leucine-rich repeat gene family members in colorectal cancer. <i>Experimental Biology and Medicine</i> , 2012 , 237, 1123-8	3.7	16
33	Combined segregation and linkage analysis of inflammatory bowel disease in the IBD1 region using severity to characterise Crohn's disease and ulcerative colitis. On behalf of the GISC. <i>European Journal of Human Genetics</i> , 2000 , 8, 846-52	5.3	16
32	Functional Implications of MicroRNAs in Crohn's Disease Revealed by Integrating MicroRNA and Messenger RNA Expression Profiling. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	14
31	Genome-wide Pathway Analysis Using Gene Expression Data of Colonic Mucosa in Patients with Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2015 , 21, 1260-8	4.5	14
30	Variants at the 3p21 locus influence susceptibility and phenotype both in adults and early-onset patients with inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2010 , 16, 1108-17	4.5	14

29	Analysis of candidate genes on chromosomes 5q and 19p in celiac disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007 , 45, 180-6	2.8	14
28	Anti-Saccharomyces cerevisiae mannan antibodies in inflammatory bowel disease: comparison of different assays and correlation with clinical features. <i>Alimentary Pharmacology and Therapeutics</i> , 2004 , 20, 1143-52	6.1	14
27	IL-1beta-511 and IL-1RN*2 polymorphisms in inflammatory bowel disease: An Italian population study and meta-analysis of European studies. <i>Digestive and Liver Disease</i> , 2010 , 42, 179-84	3.3	13
26	Inflammatory Bowel Disease Meets Systems Biology: A Multi-Omics Challenge and Frontier. <i>OMICS A Journal of Integrative Biology</i> , 2016 , 20, 692-698	3.8	13
25	Do pancreatic cancer and chronic pancreatitis share the same genetic risk factors? A PANcreatic Disease ReseArch (PANDoRA) consortium investigation. <i>International Journal of Cancer</i> , 2018 , 142, 290-296	7.5	12
24	Impact of the COVID-19 outbreak and the serum prevalence of SARS-CoV-2 antibodies in patients with inflammatory bowel disease treated with biologic drugs. <i>Digestive and Liver Disease</i> , 2021 , 53, 277-282	3.3	12
23	Erythrocytes as a controlled drug delivery system: clinical evidences. <i>Journal of Controlled Release</i> , 2006 , 116, e43-5	11.7	11
22	Genome-wide analysis of 53,400 people with irritable bowel syndrome highlights shared genetic pathways with mood and anxiety disorders. <i>Nature Genetics</i> , 2021 , 53, 1543-1552	36.3	11
21	False-positive results of SARS-CoV-2 IgM/IgG antibody tests in sera stored before the 2020 pandemic in Italy. <i>International Journal of Infectious Diseases</i> , 2021 , 104, 159-163	10.5	11
20	Crohn's Disease Localization Displays Different Predisposing Genetic Variants. <i>PLoS ONE</i> , 2017 , 12, e0163821	3.7	10
19	Impact of genetic polymorphisms on the pathogenesis of idiopathic achalasia: Association with IL33 gene variant. <i>Human Immunology</i> , 2014 , 75, 364-9	2.3	8
18	Variation in genes encoding for interferon β and γ in the prediction of HCV-1 treatment-induced viral clearance. <i>Liver International</i> , 2014 , 34, 1369-77	7.9	7
17	Association of Crohn's disease and ulcerative colitis with haplotypes of the MLH1 gene in Italian inflammatory bowel disease patients. <i>Journal of Medical Genetics</i> , 2002 , 39, 332-4	5.8	7
16	Regularized least squares classifiers may predict Crohn's disease from profiles of single nucleotide polymorphisms. <i>Annals of Human Genetics</i> , 2007 , 71, 537-49	2.2	6
15	IL23R, ATG16L1, IRGM, OCTN1, and OCTN2 mRNA expression in inflamed and noninflamed mucosa of IBD patients. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, 1832-3	4.5	5
14	Linkage of ulcerative colitis to the pericentromeric region of chromosome 16 in Italian inflammatory bowel disease families is independent of the presence of common CARD15 mutations. <i>Journal of Medical Genetics</i> , 2003 , 40, 837-41	5.8	5
13	Discovering genetic variants in Crohn's disease by exploring genomic regions enriched of weak association signals. <i>Digestive and Liver Disease</i> , 2011 , 43, 623-31	3.3	4
12	Genetics and ulcerative colitis: what are the clinical implications?. <i>Current Drug Targets</i> , 2011 , 12, 1383-93	3	4

11	Dissecting genetic predisposition to inflammatory bowel disease: current progress and prospective application. <i>Expert Review of Clinical Immunology</i> , 2007 , 3, 287-98	5.1	4
10	Association of genetic profiles to Crohn's disease by linear combinations of single nucleotide polymorphisms. <i>Artificial Intelligence in Medicine</i> , 2009 , 46, 131-8	7.4	3
9	Crohn's Colitis: Development of a multiplex gene expression assay comparing mRNA levels of susceptibility genes. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2017 , 41, 435-444	2.4	2
8	Genetic variants of membrane metallopeptidase genes in inflammatory bowel diseases. <i>Digestive and Liver Disease</i> , 2013 , 45, 1003-10	3.3	2
7	microRNA-mRNA network model in patients with achalasia. <i>Neurogastroenterology and Motility</i> , 2020 , 32, e13764	4	2
6	Association of Genetic Variants Affecting microRNAs and Pancreatic Cancer Risk. <i>Frontiers in Genetics</i> , 2021 , 12, 693933	4.5	2
5	Worse impact of second wave COVID-19 pandemic in adults but not in children with inflammatory bowel disease: an Italian single tertiary center experience. <i>European Review for Medical and Pharmacological Sciences</i> , 2021 , 25, 2744-2747	2.9	2
4	RS-SNP: a random-set method for genome-wide association studies. <i>BMC Genomics</i> , 2011 , 12, 166	4.5	1
3	Dissecting the mucosal expression of human leucine-rich repeat family genes in inflammatory bowel disease patients. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, 1834-5	4.5	1
2	Germline Alterations in Patients With IBD-associated Colorectal Cancer. <i>Inflammatory Bowel Diseases</i> , 2021 ,	4.5	1
1	Circulating levels of cytokines, chemokines and growth factors in patients with achalasia. <i>Biomedical Reports</i> , 2021 , 15, 92	1.8	