Mauro D Amato

List of Publications by Citations

184 papers	21,125 citations	54 h-index	144 g-index
202 ext. papers	25,637 ext. citations	11 avg, IF	5.55 L-index

#	Paper	IF	Citations
184	Host-microbe interactions have shaped the genetic architecture of inflammatory bowel disease. *Nature*, **2012**, 491, 119-24	50.4	3239
183	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
182	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. *Nature Genetics*, **2013**, 45, 984-94	36.3	1628
181	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
180	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
179	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. *Nature Genetics*, **2013**, 45, 1353-60	36.3	934
178	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. *New England Journal of Medicine*, **2020**, 383, 1522-1534	59.2	913
177	Deep resequencing of GWAS loci identifies independent rare variants associated with inflammatory bowel disease. *Nature Genetics*, **2011**, 43, 1066-73	36.3	584
176	Dynamics of the human gut microbiome in inflammatory bowel disease. *Nature Microbiology*, **2017**, 2, 17004	26.6	533
175	Genome-wide association identifies multiple ulcerative colitis susceptibility loci. *Nature Genetics*, **2010**, 42, 332-7	36.3	491
174	Inherited determinants of Crohn's disease and ulcerative colitis phenotypes: a genetic association study. *Lancet, The*, **2016**, 387, 156-67	40	449
173	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
172	Proteins encoded in genomic regions associated with immune-mediated disease physically interact and suggest underlying biology. *PLoS Genetics*, **2011**, 7, e1001273	6	383
171	Genome-wide association analysis identifies variation in vitamin D receptor and other host factors influencing the gut microbiota. *Nature Genetics*, **2016**, 48, 1396-1406	36.3	369
170	Fine-mapping inflammatory bowel disease loci to single-variant resolution. *Nature*, **2017**, 547, 173-178	50.4	311
169	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
168	Class II HLA interactions modulate genetic risk for multiple sclerosis. *Nature Genetics*, **2015**, 47, 1107-1113	36.3	215

167	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
166	Detection of celiac disease and lymphocytic enteropathy by parallel serology and histopathology in a population-based study. *Gastroenterology*, **2010**, 139, 112-9	13.3	196
165	Drug repositioning: a machine-learning approach through data integration. *Journal of Cheminformatics*, **2013**, 5, 30	8.6	186
164	Relevance of residue 116 of HLA-B27 in determining susceptibility to ankylosing spondylitis. *European Journal of Immunology*, **1995**, 25, 3199-201	6.1	179
163	Predominant T-helper 1 cytokine profile of hepatitis B virus nucleocapsid-specific T cells in acute self-limited hepatitis B. *Hepatology*, **1997**, 25, 1022-7	11.2	172
162	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
161	Genome-wide association study of primary sclerosing cholangitis identifies new risk loci and quantifies the genetic relationship with inflammatory bowel disease. *Nature Genetics*, **2017**, 49, 269-273	36.3	140
160	HLA-DQA1-HLA-DRB1 variants confer susceptibility to pancreatitis induced by thiopurine immunosuppressants. *Nature Genetics*, **2014**, 46, 1131-4	36.3	130
159	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
158	Integrative epigenome-wide analysis demonstrates that DNA methylation may mediate genetic risk in inflammatory bowel disease. *Nature Communications*, **2016**, 7, 13507	17.4	121
157	Large sample size, wide variant spectrum, and advanced machine-learning technique boost risk prediction for inflammatory bowel disease. *American Journal of Human Genetics*, **2013**, 92, 1008-12	11	114
156	Association of persistent bronchial hyperresponsiveness with beta2-adrenoceptor (ADRB2) haplotypes. A population study. *American Journal of Respiratory and Critical Care Medicine*, **1998**, 158, 1968-73	10.2	113
155	Susceptibility to ankylosing spondylitis correlates with the C-terminal residue of peptides presented by various HLA-B27 subtypes. *European Journal of Immunology*, **1997**, 27, 368-73	6.1	99
154	Association of TNFSF15 polymorphism with irritable bowel syndrome. *Gut*, **2011**, 60, 1671-1677	19.2	97
153	Polygenic risk score improves prostate cancer risk prediction: results from the Stockholm-1 cohort study. *European Urology*, **2011**, 60, 21-8	10.2	97
152	IBD risk loci are enriched in multigenic regulatory modules encompassing putative causative genes. *Nature Communications*, **2018**, 9, 2427	17.4	95
151	Loss-of-function of the voltage-gated sodium channel NaV1.5 (channelopathies) in patients with irritable bowel syndrome. *Gastroenterology*, **2014**, 146, 1659-1668	13.3	93
150	C13orf31 (FAMIN) is a central regulator of immunometabolic function. *Nature Immunology*, **2016**, 17, 1046-56	19.1	87

149	CD98 expression modulates intestinal homeostasis, inflammation, and colitis-associated cancer in mice. *Journal of Clinical Investigation*, **2011**, 121, 1733-47	15.9	84
148	The history of genetics in inflammatory bowel disease. *Annals of Gastroenterology*, **2014**, 27, 294-303	2.2	83
147	DMBT1 confers mucosal protection in vivo and a deletion variant is associated with Crohn's disease. *Gastroenterology*, **2007**, 133, 1499-509	13.3	81
146	Semliki Forest virus nonstructural protein 2 is involved in suppression of the type I interferon response. *Journal of Virology*, **2007**, 81, 8677-84	6.6	80
145	Large-scale association analyses identify host factors influencing human gut microbiome composition. *Nature Genetics*, **2021**, 53, 156-165	36.3	80
144	Functional variants in the sucrase-isomaltase gene associate with increased risk of irritable bowel syndrome. *Gut*, **2018**, 67, 263-270	19.2	79
143	Neuropeptide s receptor 1 gene polymorphism is associated with susceptibility to inflammatory bowel disease. *Gastroenterology*, **2007**, 133, 808-17	13.3	79
142	Exploring the genetics of irritable bowel syndrome: a GWA study in the general population and replication in multinational case-control cohorts. *Gut*, **2015**, 64, 1774-82	19.2	78
141	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
140	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
139	Germline genetic contributions to risk for esophageal adenocarcinoma, Barrett's esophagus, and gastroesophageal reflux. *Journal of the National Cancer Institute*, **2013**, 105, 1711-8	9.7	75
138	Estimation and partitioning of (co)heritability of inflammatory bowel disease from GWAS and immunochip data. *Human Molecular Genetics*, **2014**, 23, 4710-20	5.6	73
137	Assessment of the neuropeptide S system in anxiety disorders. *Biological Psychiatry*, **2010**, 68, 474-83	7.9	70
136	Involvement of cholecystokininA receptors in transient lower esophageal sphincter relaxations triggered by gastric distension. *American Journal of Gastroenterology*, **1998**, 93, 1823-8	0.7	68
135	Analysis of 1135 gut metagenomes identifies sex-specific resistome profiles. *Gut Microbes*, **2019**, 10, 358-366	8.8	65
134	Longitudinal Multi-omics Reveals Subset-Specific Mechanisms Underlying Irritable Bowel Syndrome. *Cell*, **2020**, 182, 1460-1473.e17	56.2	63
133	Predominant and stable T cell responses to regions of myelin basic protein can be detected in individual patients with multiple sclerosis. *European Journal of Immunology*, **1993**, 23, 1232-9	6.1	61
132	Evidence for genetic association and interaction between the TYK2 and IRF5 genes in systemic lupus erythematosus. *Journal of Rheumatology*, **2009**, 36, 1631-8	4.1	60

131	SOX17 regulates cholangiocyte differentiation and acts as a tumor suppressor in cholangiocarcinoma. *Journal of Hepatology*, **2017**, 67, 72-83	13.4	57
130	IL23R in the Swedish, Finnish, Hungarian and Italian populations: association with IBD and psoriasis, and linkage to celiac disease. *BMC Medical Genetics*, **2009**, 10, 8	2.1	53
129	Mutations in RAD21 disrupt regulation of APOB in patients with chronic intestinal pseudo-obstruction. *Gastroenterology*, **2015**, 148, 771-782.e11	13.3	51
128	Replication of GWAS-identified systemic lupus erythematosus susceptibility genes affirms B-cell receptor pathway signalling and strengthens the role of IRF5 in disease susceptibility in a Northern European population. *Rheumatology*, **2012**, 51, 87-92	3.9	51
127	Human local adaptation of the TRPM8 cold receptor along a latitudinal cline. *PLoS Genetics*, **2018**, 14, e1007298	6	48
126	Identification of a novel HLA-B27 subtype by restriction analysis of a cytotoxic gamma delta T cell clone. *Journal of Immunology*, **1994**, 153, 3093-100	5.3	48
125	The intermediate filament protein, vimentin, is a regulator of NOD2 activity. *Gut*, **2013**, 62, 695-707	19.2	46
124	Increased serum levels of lipopolysaccharide and antiflagellin antibodies in patients with diarrhea-predominant irritable bowel syndrome. *Neurogastroenterology and Motility*, **2015**, 27, 1747-54	4	45
123	Loss-of-function variants of the filaggrin gene are associated with atopic eczema and associated phenotypes in Swedish families. *Acta Dermato-Venereologica*, **2008**, 88, 15-9	2.2	45
122	Neuropeptide S receptor induces neuropeptide expression and associates with intermediate phenotypes of functional gastrointestinal disorders. *Gastroenterology*, **2010**, 138, 98-107.e4	13.3	44
121	PepT1 oligopeptide transporter (SLC15A1) gene polymorphism in inflammatory bowel disease. *Inflammatory Bowel Diseases*, **2009**, 15, 1562-9	4.5	44
120	Genetic variants in CDC42 and NXPH1 as susceptibility factors for constipation and diarrhoea predominant irritable bowel syndrome. *Gut*, **2014**, 63, 1103-11	19.2	42
119	A protein-truncating R179X variant in RNF186 confers protection against ulcerative colitis. *Nature Communications*, **2016**, 7, 12342	17.4	41
118	Insights into the genetic epidemiology of Crohn's and rare diseases in the Ashkenazi Jewish population. *PLoS Genetics*, **2018**, 14, e1007329	6	41
117	LD mapping of maternally and non-maternally derived alleles and atopy in FcepsilonRI-beta. *Human Molecular Genetics*, **2003**, 12, 2577-85	5.6	40
116	Genome-wide association analysis of diverticular disease points towards neuromuscular, connective tissue and epithelial pathomechanisms. *Gut*, **2019**, 68, 854-865	19.2	39
115	European guidelines on microscopic colitis: United European Gastroenterology and European Microscopic Colitis Group statements and recommendations. *United European Gastroenterology Journal*, **2021**, 9, 13	5.3	38
114	Increased Prevalence of Rare Sucrase-isomaltase Pathogenic Variants in Irritable Bowel Syndrome Patients. *Clinical Gastroenterology and Hepatology*, **2018**, 16, 1673-1676	6.9	37

113	An excess of risk-increasing low-frequency variants can be a signal of polygenic inheritance in complex diseases. *American Journal of Human Genetics*, **2014**, 94, 437-52	11	37
112	Evaluation of genome-wide loci of iron metabolism in hereditary hemochromatosis identifies PCSK7 as a host risk factor of liver cirrhosis. *Human Molecular Genetics*, **2014**, 23, 3883-90	5.6	36
111	Herpes simplex virus infection downmodulates NKG2D ligand expression. *Scandinavian Journal of Immunology*, **2009**, 69, 429-36	3.4	36
110	DNA methylation in the Neuropeptide S Receptor 1 (NPSR1) promoter in relation to asthma and environmental factors. *PLoS ONE*, **2013**, 8, e53877	3.7	34
109	Dense genotyping of immune-related loci identifies HLA variants associated with increased risk of collagenous colitis. *Gut*, **2017**, 66, 421-428	19.2	33
108	miR-16 and miR-103 impact 5-HT receptor signalling and correlate with symptom profile in irritable bowel syndrome. *Scientific Reports*, **2017**, 7, 14680	4.9	33
107	Genetic susceptibility to inflammation and colonic transit in lower functional gastrointestinal disorders: preliminary analysis. *Neurogastroenterology and Motility*, **2011**, 23, 935-e398	4	33
106	Polymorphisms of the ITGAM gene confer higher risk of discoid cutaneous than of systemic lupus erythematosus. *PLoS ONE*, **2010**, 5, e14212	3.7	33
105	A genome-wide association scan on estrogen receptor-negative breast cancer. *Breast Cancer Research*, **2010**, 12, R93	8.3	32
104	Female-Specific Association Between Variants on Chromosome 9 and Self-Reported Diagnosis of Irritable Bowel Syndrome. *Gastroenterology*, **2018**, 155, 168-179	13.3	31
103	Stool frequency is associated with gut microbiota composition. *Gut*, **2017**, 66, 559-560	19.2	30
102	The oxysterol receptor LXR protects against DSS- and TNBS-induced colitis in mice. *Mucosal Immunology*, **2014**, 7, 1416-28	9.2	30
101	The impact of Crohn's disease genes on healthy human gut microbiota: a pilot study. *Gut*, **2013**, 62, 952-4	19.2	30
100	Molecular basis for keratoconus: lack of TrkA expression and its transcriptional repression by Sp3. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 16795-800	11.5	28
99	Polymorphism in the retinoic acid metabolizing enzyme CYP26B1 and the development of Crohn's Disease. *PLoS ONE*, **2013**, 8, e72739	3.7	27
98	Multiple polymorphisms affect expression and function of the neuropeptide S receptor (NPSR1). *PLoS ONE*, **2011**, 6, e29523	3.7	26
97	Analysis of neuropeptide S receptor gene (NPSR1) polymorphism in rheumatoid arthritis. *PLoS ONE* , **2010**, 5, e9315	3.7	26
96	Reduced efficacy of low FODMAPs diet in patients with IBS-D carrying sucrase-isomaltase () hypomorphic variants. *Gut*, **2020**, 69, 397-398	19.2	26

95	Interaction between retinoid acid receptor-related orphan receptor alpha (RORA) and neuropeptide S receptor 1 (NPSR1) in asthma. *PLoS ONE*, **2013**, 8, e60111	3.7	25
94	WAFL, a new protein involved in regulation of early endocytic transport at the intersection of actin and microtubule dynamics. *Experimental Cell Research*, **2009**, 315, 1040-52	4.2	25
93	polymorphisms associated with increased risk of IBS-C and IBS-M. *Gut*, **2017**, 66, 1725-1727	19.2	24
92	Association of responsiveness to the major pollen allergen of Parietaria officinalis with HLA-DRB1* alleles: a multicenter study. *Human Immunology*, **1996**, 46, 100-6	2.3	23
91	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
90	Prototypical pacemaker neurons interact with the resident microbiota. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 17854-17863	11.5	23
89	Genes and functional GI disorders: from casual to causal relationship. *Neurogastroenterology and Motility*, **2013**, 25, 638-49	4	22
88	A GWAS meta-analysis from 5 population-based cohorts implicates ion channel genes in the pathogenesis of irritable bowel syndrome. *Neurogastroenterology and Motility*, **2018**, 30, e13358	4	21
87	Faecal microbiota composition associates with abdominal pain in the general population. *Gut*, **2018**, 67, 778-779	19.2	21
86	Neuropeptide S receptor 1 expression in the intestine and skin--putative role in peptide hormone secretion. *Neurogastroenterology and Motility*, **2010**, 22, 79-87, e30	4	21
85	Association of celiac disease genes with inflammatory bowel disease in Finnish and Swedish patients. *Genes and Immunity*, **2012**, 13, 474-80	4.4	21
84	Potential role for the common cystic fibrosis DeltaF508 mutation in Crohnß disease. *Inflammatory Bowel Diseases*, **2007**, 13, 531-6	4.5	21
83	Role of CCK(A) receptors in postprandial lower esophageal sphincter function in morbidly obese subjects. *Digestive Diseases and Sciences*, **2002**, 47, 2531-7	4	21
82	Expression and distribution of GnRH, LH, and FSH and their receptors in gastrointestinal tract of man and rat. *Regulatory Peptides*, **2013**, 187, 24-8		20
81	Frequency of the new HLA-B*2709 allele in ankylosing spondylitis patients and healthy individuals. *Disease Markers*, **1995**, 12, 215-7	3.2	20
80	Integrative Analysis of Fecal Metagenomics and Metabolomics in Colorectal Cancer. *Cancers*, **2020**, 12,	6.6	19
79	Increased Expression of Toll-Like Receptors 4, 5, and 9 in Small Bowel Mucosa from Patients with Irritable Bowel Syndrome. *BioMed Research International*, **2017**, 2017, 9624702	3	19
78	Genetics of irritable bowel syndrome. *Molecular and Cellular Pediatrics*, **2016**, 3, 7	3.3	19

77	Malassezia enhances natural killer cell-induced dendritic cell maturation. *Scandinavian Journal of Immunology*, **2004**, 59, 511-6	3.4	19
76	Genome-wide association study identifies two novel genomic regions in irritable bowel syndrome. *American Journal of Gastroenterology*, **2014**, 109, 770-2	0.7	18
75	Identification of a DMBT1 polymorphism associated with increased breast cancer risk and decreased promoter activity. *Human Mutation*, **2010**, 31, 60-6	4.7	18
74	LACC1 polymorphisms in inflammatory bowel disease and juvenile idiopathic arthritis. *Genes and Immunity*, **2016**, 17, 261-4	4.4	18
73	Human enteroendocrine cell responses to infection with Chlamydia trachomatis: a microarray study. *Gut Pathogens*, **2014**, 6, 24	5.4	17
72	Cornulin, a marker of late epidermal differentiation, is down-regulated in eczema. *Allergy: European Journal of Allergy and Clinical Immunology*, **2009**, 64, 304-11	9.3	17
71	Functional Analyses of the Crohn's Disease Risk Gene LACC1. *PLoS ONE*, **2016**, 11, e0168276	3.7	17
70	Subphenotypes of inflammatory bowel disease are characterized by specific serum protein profiles. *PLoS ONE*, **2017**, 12, e0186142	3.7	16
69	Identification of a Genetic Variation in ERAP1 Aminopeptidase that Prevents Human Cytomegalovirus miR-UL112-5p-Mediated Immunoevasion. *Cell Reports*, **2017**, 20, 846-853	10.6	16
68	The asthma candidate gene NPSR1 mediates isoform specific downstream signalling. *BMC Pulmonary Medicine*, **2011**, 11, 39	3.5	16
67	Analysis of 39 Crohn's disease risk loci in Swedish inflammatory bowel disease patients. *Inflammatory Bowel Diseases*, **2010**, 16, 907-9	4.5	16
66	MICA exon 5 microsatellite typing by DNA heteroduplex analysis: a new polymorphism in the transmembrane region. *Tissue Antigens*, **1998**, 51, 309-11		16
65	A simple and economical DRB1 typing procedure combining group-specific amplification, DNA heteroduplex and enzyme restriction analysis. *Tissue Antigens*, **1994**, 43, 295-301		16
64	HLA Associations Distinguish Collagenous From Lymphocytic Colitis. *American Journal of Gastroenterology*, **2016**, 111, 1211-3	0.7	16
63	The Crohn's associated NOD2 3020InsC frameshift mutation does not confer susceptibility to ankylosing spondylitis. *Journal of Rheumatology*, **2002**, 29, 2470-1	4.1	16
62	Collagenous Colitis Is Associated With HLA Signature and Shares Genetic Risks With Other Immune-Mediated Diseases. *Gastroenterology*, **2020**, 159, 549-561.e8	13.3	15
61	A meta-analysis of reflux genome-wide association studies in 6750 Northern Europeans from the general population. *Neurogastroenterology and Motility*, **2017**, 29, e12923	4	15
60	Variation in STAT4 is associated with systemic lupus erythematosus in a Finnish family cohort. *Annals of the Rheumatic Diseases*, **2010**, 69, 883-6	2.4	14

59	CARD15/NOD2 polymorphisms do not explain concordance of Crohn's disease in Swedish monozygotic twins. *Digestive and Liver Disease*, **2005**, 37, 768-72	3.3	14
58	Functional interaction of CARD15/NOD2 and Crohn's disease-associated TNFalpha polymorphisms. *International Journal of Colorectal Disease*, **2005**, 20, 305-11	3	13
57	A GWAS meta-analysis suggests roles for xenobiotic metabolism and ion channel activity in the biology of stool frequency. *Gut*, **2017**, 66, 756-758	19.2	12
56	Identification of MAMDC1 as a candidate susceptibility gene for systemic lupus erythematosus (SLE). *PLoS ONE*, **2009**, 4, e8037	3.7	12
55	Relevance of DNA repair gene polymorphisms to gastric cancer risk and phenotype. *Oncotarget*, **2017**, 8, 35848-35862	3.3	12
54	Bayesian analysis of genome-wide inflammatory bowel disease data sets reveals new risk loci. *European Journal of Human Genetics*, **2018**, 26, 265-274	5.3	12
53	The prevalence and transcriptional activity of the mucosal microbiota of ulcerative colitis patients. *Scientific Reports*, **2018**, 8, 17278	4.9	12
52	Direct repression of anoctamin 1 () gene transcription by Gli proteins. *FASEB Journal*, **2019**, 33, 6632-6642	2.9	11
51	Severe gastrointestinal dysmotility developed after treatment with gonadotropin-releasing hormone analogs. *Scandinavian Journal of Gastroenterology*, **2015**, 50, 291-9	2.4	11
50	NPSR1 polymorphisms influence recurrent abdominal pain in children: a population-based study. *Neurogastroenterology and Motility*, **2014**, 26, 1417-25	4	11
49	Malassezia sympodialis stimulation differently affects gene expression in dendritic cells from atopic dermatitis patients and healthy individuals. *Acta Dermato-Venereologica*, **2004**, 84, 339-45	2.2	11
48	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
47	Serum proteomic profiling at diagnosis predicts clinical course, and need for intensification of treatment in inflammatory bowel disease. *Journal of Crohn's and Colitis*, **2021**, 15, 699-708	1.5	11
46	HLA-DRB1* and allergy to Parietaria: linkage and association analyses. *Human Immunology*, **1999**, 60, 1250-8	2.3	10
45	Short insertions in the partner strands greatly enhance the discriminating power of DNA heteroduplex analysis: resolution of HLA-DQB1 polymorphisms. *Nucleic Acids Research*, **1995**, 23, 2078-9	20.1	10
44	Targeted Analysis of Serum Proteins Encoded at Known Inflammatory Bowel Disease Risk Loci. *Inflammatory Bowel Diseases*, **2019**, 25, 306-316	4.5	10
43	Sucrase-isomaltase 15Phe IBS risk variant in relation to dietary carbohydrates and faecal microbiota composition. *Gut*, **2019**, 68, 177-178	19.2	10
42	Neuropeptide S (NPS) variants modify the signaling and risk effects of NPS Receptor 1 (NPSR1) variants in asthma. *PLoS ONE*, **2017**, 12, e0176568	3.7	9

41	Improved allelic differentiation using sequence-specific oligonucleotide hybridization incorporating an additional base-analogue mismatch. *Nucleosides, Nucleotides and Nucleic Acids*, **2004**, 23, 755-65	1.4	9
40	Large-scale association analyses identify host factors influencing human gut microbiome composition		9
39	Are His63Asp or Cys282Tyr HFE mutations associated with porphyria cutanea tarda? Data of patients from central and southern Italy. *Journal of Investigative Dermatology*, **1998**, 111, 1241-2	4.3	8
38	Shared activity patterns arising at genetic susceptibility loci reveal underlying genomic and cellular architecture of human disease. *PLoS Computational Biology*, **2018**, 14, e1005934	5	8
37	Targeted UPLC-MS Metabolic Analysis of Human Faeces Reveals Novel Low-Invasive Candidate Markers for Colorectal Cancer. *Cancers*, **2018**, 10,	6.6	8
36	Identification of a new WASP and FKBP-like (WAFL) protein in inflammatory bowel disease: a potential marker gene for ulcerative colitis. *International Journal of Colorectal Disease*, **2008**, 23, 921-30	3	7
35	Atopic and vernal keratoconjunctivitis: a model for studying atopic disease. *Current Problems in Dermatology*, **1999**, 28, 88-94		7
34	Extremely simplified sample preparation for HLA genomic typing. *Tissue Antigens*, **1992**, 39, 40-1		7
33	Duodenal epithelial transport in functional dyspepsia: Role of serotonin. *World Journal of Gastrointestinal Pathophysiology*, **2013**, 4, 28-36	3.2	7
32	Multi-Omics Analyses Show Disease, Diet, and Transcriptome Interactions With the Virome. *Gastroenterology*, **2021**, 161, 1194-1207.e8	13.3	7
31	Factors related to the participation and detection of lesions in colorectal cancer screening programme-based faecal immunochemical test. *European Journal of Public Health*, **2018**, 28, 1143-1148	2.1	6
30	Solute carriers (SLC) in inflammatory bowel disease: a potential target of probiotics?. *Journal of Clinical Gastroenterology*, **2008**, 42 Suppl 3 Pt 1, S133-5	3	6
29	Pathway-based Genome-wide Association Studies Reveal the Association Between Growth Factor Activity and Inflammatory Bowel Disease. *Inflammatory Bowel Diseases*, **2016**, 22, 1540-51	4.5	6
28	Crohn's Disease Is Associated With Activation of Circulating Innate Lymphoid Cells. *Inflammatory Bowel Diseases*, **2021**, 27, 1128-1138	4.5	5
27	Effect of aspirin on the diagnostic accuracy of the faecal immunochemical test for colorectal advanced neoplasia. *United European Gastroenterology Journal*, **2018**, 6, 123-130	5.3	4
26	Genetic analysis of variegate porphyria (VP) in Italy: identification of six novel mutations in the protoporphyrinogen oxidase (PPOX) gene. *Human Mutation*, **2003**, 21, 448	4.7	4
25	The heterogeneity of allergic phenotypes: genetic and environmental interactions. *Annals of Allergy, Asthma and Immunology*, **2001**, 87, 48-51	3.2	4
24	Microscopic colitis. *Nature Reviews Disease Primers*, **2021**, 7, 39	51.1	4

23	Systemic Inflammation in Preclinical Ulcerative Colitis. *Gastroenterology*, **2021**, 161, 1526-1539.e9	13.3	4
22	No association between the eczema genes COL29A1 and IL31 and inflammatory bowel disease. *Inflammatory Bowel Diseases*, **2009**, 15, 961-2	4.5	3
21	Mapping and sequencing of the murine tissue transglutaminase (Tgm2) gene: absence of mutations in MRL lpr/lpr mice. *Cell Death and Differentiation*, **1999**, 6, 216-7	12.7	3
20	Pathogenesis Of Microscopic Colitis: A Systematic Review. *Journal of Crohn's and Colitis*, **2021**,	1.5	3
19	Genome-wide analysis of 944 133 individuals provides insights into the etiology of haemorrhoidal disease. *Gut*, **2021**,	19.2	2
18	New susceptibility loci for severe COVID-19 by detailed GWAS analysis in European populations		2
17	Characterization of the circulating transcriptomic landscape in inflammatory bowel disease provides evidence for dysregulation of multiple transcription factors including NFE2, SPI1, CEBPB, and IRF2.. *Journal of Crohn's and Colitis*, **2022**,	1.5	2
16	GWAS of stool frequency provides insights into gastrointestinal motility and irritable bowel syndrome.. *Cell Genomics*, **2021**, 1, None		2
15	Hypomorphic SI genetic variants are associated with childhood chronic loose stools. *PLoS ONE*, **2020**, 15, e0231891	3.7	1
14	The cystic fibrosis F508del mutation in Crohn's disease. *Journal of Cystic Fibrosis*, **2011**, 10, 132	4.1	1
13	GWAS of stool frequency reveals genes, pathways, and cell types relevant to human gastrointestinal motility and irritable bowel syndrome		1
12	Gastrointestinal Infection and Risk of Microscopic Colitis: A Nationwide Case-Control Study in Sweden. *Gastroenterology*, **2021**, 160, 1599-1607.e5	13.3	1
11	The alternative serotonin transporter promoter P2 impacts gene function in females with irritable bowel syndrome. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 8047-8061	5.6	1
10	Rare Hypomorphic Sucrase Isomaltase Variants in Relation to Irritable Bowel Syndrome Risk in UK Biobank. *Gastroenterology*, **2021**, 161, 1712-1714	13.3	1
9	Genetics of Ulcerative Colitis **2013**, 119-134		1
8	Adult sucrase-isomaltase deficiency masquerading as IBS. *Gut*, **2021**,	19.2	0
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