Fiona M Powrie

List of Publications by Year in Descending Order

67 papers	15,130 citations	38 h-index	73 g-index
73 ext. papers	17,848 ext. citations	18.5 avg, IF	6.64 L-index

#	Paper	IF	Citations
67	Genetic and environmental factors shape the host response to Helicobacter hepaticus: insights into IBD pathogenesis. *Current Opinion in Microbiology*, **2021**, 65, 145-155	7.9	0
66	IL-1-driven stromal-neutrophil interactions define a subset of patients with inflammatory bowel disease that does not respond to therapies. *Nature Medicine*, **2021**, 27, 1970-1981	50.5	11
65	Gut microbiota: sculptors of the intestinal stem cell niche in health and inflammatory bowel disease. *Gut Microbes*, **2021**, 13, 1990827	8.8	7
64	Deconvolution of monocyte responses in inflammatory bowel disease reveals an IL-1 cytokine network that regulates IL-23 in genetic and acquired IL-10 resistance. *Gut*, **2021**, 70, 1023-1036	19.2	15
63	Accurate identification and quantification of commensal microbiota bound by host immunoglobulins. *Microbiome*, **2021**, 9, 33	16.6	8
62	Overexpression of Cancer-Associated Stem Cell Gene OLFM4 in the Colonic Epithelium of Patients With Primary Sclerosing Cholangitis. *Inflammatory Bowel Diseases*, **2021**, 27, 1316-1327	4.5	5
61	The Interleukin 22 Pathway Interacts with Mutant KRAS to Promote Poor Prognosis in Colon Cancer. *Clinical Cancer Research*, **2020**, 26, 4313-4325	12.9	12
60	IRF5 guides monocytes toward an inflammatory CD11c macrophage phenotype and promotes intestinal inflammation. *Science Immunology*, **2020**, 5,	28	22
59	Interrogating the recognition landscape of a conserved HIV-specific TCR reveals distinct bacterial peptide cross-reactivity. *ELife*, **2020**, 9,	8.9	2
58	High-throughput phenotyping reveals expansive genetic and structural underpinnings of immune variation. *Nature Immunology*, **2020**, 21, 86-100	19.1	15
57	Very Early Onset Inflammatory Bowel Disease: A Clinical Approach With a Focus on the Role of Genetics and Underlying Immune Deficiencies. *Inflammatory Bowel Diseases*, **2020**, 26, 820-842	4.5	40
56	Loss of IL-10 signaling in macrophages limits bacterial killing driven by prostaglandin E2. *Journal of Experimental Medicine*, **2020**, 217,	16.6	23
55	IL-33 promotes anemia during chronic inflammation by inhibiting differentiation of erythroid progenitors. *Journal of Experimental Medicine*, **2020**, 217,	16.6	9
54	Host-microbiota maladaptation in colorectal cancer. *Nature*, **2020**, 585, 509-517	50.4	87
53	The Short Chain Fatty Acid Butyrate Imprints an Antimicrobial Program in Macrophages. *Immunity*, **2019**, 50, 432-445.e7	32.3	333
52	Single-Cell Transcriptomics of Regulatory T Cells Reveals Trajectories of Tissue Adaptation. *Immunity*, **2019**, 50, 493-504.e7	32.3	175
51	Cytokine Networks in the Pathophysiology of Inflammatory Bowel Disease. *Immunity*, **2019**, 50, 992-1006	32.3	205

50	Regulatory T cell adaptation in the intestine and skin. *Nature Immunology*, **2019**, 20, 386-396	19.1	76
49	Translating Immunology into Therapeutic Concepts for Inflammatory Bowel Disease. *Annual Review of Immunology*, **2018**, 36, 755-781	34.7	81
48	polysaccharide induces an anti-inflammatory response in intestinal macrophages. *Microbial Cell*, **2018**, 5, 208-211	3.9	10
47	Foxp3 T reg cells control psoriasiform inflammation by restraining an IFN-I-driven CD8 T cell response. *Journal of Experimental Medicine*, **2018**, 215, 1987-1998	16.6	29
46	Innate Lymphoid Cells: 10 Years On. *Cell*, **2018**, 174, 1054-1066	56.2	846
45	Consequences of Identifying XIAP Deficiency in an Adult Patient With Inflammatory Bowel Disease. *Gastroenterology*, **2018**, 155, 231-234	13.3	12
44	Pathogenic stromal cells as therapeutic targets in joint inflammation. *Nature Reviews Rheumatology* , **2018**, 14, 714-726	8.1	54
43	Interleukin-22 promotes phagolysosomal fusion to induce protection against Typhimurium in human epithelial cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 10118-10123	11.5	25
42	Alpha kinase 1 controls intestinal inflammation by suppressing the IL-12/Th1 axis. *Nature Communications*, **2018**, 9, 3797	17.4	24
41	Impaired antibacterial autophagy links granulomatous intestinal inflammation in Niemann-Pick disease type C1 and XIAP deficiency with NOD2 variants in Crohn's disease. *Gut*, **2017**, 66, 1060-1073	19.2	89
40	Th1 and Innate Lymphoid Cells Accumulate in Primary Sclerosing Cholangitis-associated Inflammatory Bowel Disease. *Journal of Crohn's and Colitis*, **2017**, 11, 1124-1134	1.5	26
39	Oncostatin M drives intestinal inflammation and predicts response to tumor necrosis factor-neutralizing therapy in patients with inflammatory bowel disease. *Nature Medicine*, **2017**, 23, 579-589	50.5	344
38	Circulating and Tissue-Resident CD4 T Cells With Reactivity to Intestinal Microbiota Are Abundant in Healthy Individuals and Function Is Altered During Inflammation. *Gastroenterology*, **2017**, 153, 1320-1337.e16	13.3	150
37	A Large Polysaccharide Produced by Helicobacter hepaticus Induces an Anti-inflammatory Gene Signature in Macrophages. *Cell Host and Microbe*, **2017**, 22, 733-745.e5	23.4	59
36	Immune dysregulation in patients with PTEN hamartoma tumor syndrome: Analysis of FOXP3 regulatory T cells. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 607-620.e15	11.5	45
35	Defining the microbial transcriptional response to colitis through integrated host and microbiome profiling. *ISME Journal*, **2016**, 10, 2389-404	11.9	31
34	RORγt inhibitors suppress T(H)17 responses in inflammatory arthritis and inflammatory bowel disease. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 960-3	11.5	29
33	ILC3 GM-CSF production and mobilisation orchestrate acute intestinal inflammation. *ELife*, **2016**, 5, e10066	8.9	134

32	T-bet is a key modulator of IL-23-driven pathogenic CD4(+) T cell responses in the intestine. *Nature Communications*, **2016**, 7, 11627	17.4	56
31	Granulocyte Macrophage Colony-Stimulating Factor-Activated Eosinophils Promote Interleukin-23 Driven Chronic Colitis. *Immunity*, **2015**, 43, 187-99	32.3	116
30	Factors influencing success of clinical genome sequencing across a broad spectrum of disorders. *Nature Genetics*, **2015**, 47, 717-726	36.3	244
29	MICROBIOME. Microbiota RORgulates intestinal suppressor T cells. *Science*, **2015**, 349, 929-30	33.3	24
28	Emerging cytokine networks in colorectal cancer. *Nature Reviews Immunology*, **2015**, 15, 615-29	36.5	230
27	Helicobacter hepaticus infection in BALB/c mice abolishes subunit-vaccine-induced protection against M. tuberculosis. *Vaccine*, **2015**, 33, 1808-14	4.1	31
26	Transcriptional profiling of macrophages derived from monocytes and iPS cells identifies a conserved response to LPS and novel alternative transcription. *Scientific Reports*, **2015**, 5, 12524	4.9	61
25	Induced pluripotent stem cell derived macrophages as a cellular system to study salmonella and other pathogens. *PLoS ONE*, **2015**, 10, e0124307	3.7	41
24	Immunotherapy Not Working? Check Your Microbiota. *Cancer Cell*, **2015**, 28, 687-689	24.3	36
23	The alarmin IL-33 promotes regulatory T-cell function in the intestine. *Nature*, **2014**, 513, 564-568	50.4	619
22	Mutations in tetratricopeptide repeat domain 7A result in a severe form of very early onset inflammatory bowel disease. *Gastroenterology*, **2014**, 146, 1028-39	13.3	138
21	Innate lymphoid cells sustain colon cancer through production of interleukin-22 in a mouse model. *Journal of Experimental Medicine*, **2013**, 210, 917-31	16.6	386
20	Gut reactions: immune pathways in the intestine in health and disease. *EMBO Molecular Medicine*, **2012**, 4, 71-4	12	6
19	IL-1□mediates chronic intestinal inflammation by promoting the accumulation of IL-17A secreting innate lymphoid cells and CD4(+) Th17 cells. *Journal of Experimental Medicine*, **2012**, 209, 1595-609	16.6	387
18	Intestinal homeostasis and its breakdown in inflammatory bowel disease. *Nature*, **2011**, 474, 298-306	50.4	1207
17	OX40 is required for regulatory T cell-mediated control of colitis. *Journal of Experimental Medicine*, **2010**, 207, 699-709	16.6	124
16	Regulatory T cells reinforce intestinal homeostasis. *Immunity*, **2009**, 31, 401-11	32.3	273
15	Interleukin-23 restrains regulatory T cell activity to drive T cell-dependent colitis. *Immunity*, **2008**, 28, 559-70	32.3	312

14	The interleukin-23 axis in intestinal inflammation. *Immunological Reviews*, **2008**, 226, 147-59	11.3	141
13	A functionally specialized population of mucosal CD103+ DCs induces Foxp3+ regulatory T cells via a TGF-beta and retinoic acid-dependent mechanism. *Journal of Experimental Medicine*, **2007**, 204, 1757-64	16.6	2144
12	IL-23 plays a key role in Helicobacter hepaticus-induced T cell-dependent colitis. *Journal of Experimental Medicine*, **2006**, 203, 2485-94	16.6	485
11	Essential role for CD103 in the T cell-mediated regulation of experimental colitis. *Journal of Experimental Medicine*, **2005**, 202, 1051-61	16.6	405
10	Human CD4(+)CD25(+) thymocytes and peripheral T cells have immune suppressive activity in vitro. *European Journal of Immunology*, **2001**, 31, 1247-54	6.1	421
9	Induction of inflammatory bowel disease in immunodeficient mice by depletion of regulatory T cells. *Current Protocols in Immunology*, **2001**, Chapter 15, Unit 15.13	4	27
8	Cytotoxic T lymphocyte-associated antigen 4 plays an essential role in the function of CD25(+)CD4(+) regulatory cells that control intestinal inflammation. *Journal of Experimental Medicine*, **2000**, 192, 295-302	16.6	1791
7	Control of immune pathology by IL-10-secreting regulatory T cells. *Seminars in Immunopathology*, **1999**, 21, 287-94		15
6	An essential role for interleukin 10 in the function of regulatory T cells that inhibit intestinal inflammation. *Journal of Experimental Medicine*, **1999**, 190, 995-1004	16.6	1298
5	Control of immune pathology by IL-10-secreting regulatory T cells **1999**, 21, 287		4
4	CD38+ CD45RB(low) CD4+ T cells: a population of T cells with immune regulatory activities in vitro. *European Journal of Immunology*, **1998**, 28, 3435-47	6.1	177
3	Phenotypically distinct subsets of CD4+ T cells induce or protect from chronic intestinal inflammation in C. B-17 scid mice. *International Immunology*, **1993**, 5, 1461-71	4.9	887
2	Cross-tissue, single-cell stromal atlas identifies shared pathological fibroblast phenotypes in four chronic inflammatory diseases		8
1	Tissue-dependent transcriptional and bacterial associations in primary sclerosing cholangitis-associated inflammatory bowel disease. *Wellcome Open Research*,6, 199	4.8	