Wendy S Garrett

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.

109 papers	28,629 citations	54 h-index	148 g-index
148 ext. papers	37,832 ext. citations	19.7 avg, IF	7.5 L-index

#	Paper	IF	Citations
109	Metagenomic biomarker discovery and explanation. *Genome Biology*, **2011**, 12, R60	18.3	6301
108	The microbial metabolites, short-chain fatty acids, regulate colonic Treg cell homeostasis. *Science*, **2013**, 341, 569-73	33.3	2838
107	Host microbiota constantly control maturation and function of microglia in the CNS. *Nature Neuroscience*, **2015**, 18, 965-77	25.5	1511
106	Gut microbiota, metabolites and host immunity. *Nature Reviews Immunology*, **2016**, 16, 341-52	36.5	1324
105	Fusobacterium nucleatum potentiates intestinal tumorigenesis and modulates the tumor-immune microenvironment. *Cell Host and Microbe*, **2013**, 14, 207-15	23.4	1275
104	Genomic analysis identifies association of Fusobacterium with colorectal carcinoma. *Genome Research*, **2012**, 22, 292-8	9.7	1165
103	Communicable ulcerative colitis induced by T-bet deficiency in the innate immune system. *Cell*, **2007**, 131, 33-45	56.2	735
102	A single-cell survey of the small intestinal epithelium. *Nature*, **2017**, 551, 333-339	50.4	676
101	Cancer and the microbiota. *Science*, **2015**, 348, 80-6	33.3	623
100	Enterobacteriaceae act in concert with the gut microbiota to induce spontaneous and maternally transmitted colitis. *Cell Host and Microbe*, **2010**, 8, 292-300	23.4	580
99	Potential role of intratumor bacteria in mediating tumor resistance to the chemotherapeutic drug gemcitabine. *Science*, **2017**, 357, 1156-1160	33.3	577
98	Binding of the Fap2 protein of Fusobacterium nucleatum to human inhibitory receptor TIGIT protects tumors from immune cell attack. *Immunity*, **2015**, 42, 344-355	32.3	562
97	Activation of lysosomal function during dendritic cell maturation. *Science*, **2003**, 299, 1400-3	33.3	558
96	Homeostasis and inflammation in the intestine. *Cell*, **2010**, 140, 859-70	56.2	531
95	Microbes, microbiota, and colon cancer. *Cell Host and Microbe*, **2014**, 15, 317-28	23.4	504
94	Tuft cells, taste-chemosensory cells, orchestrate parasite type 2 immunity in the gut. *Science*, **2016**, 351, 1329-33	33.3	471
93	Fusobacterium nucleatum in colorectal carcinoma tissue and patient prognosis. *Gut*, **2016**, 65, 1973-1980	19.2	454

92	Relating the metatranscriptome and metagenome of the human gut. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E2329-38	11.5	410
91	Transport of peptide-MHC class II complexes in developing dendritic cells. *Science*, **2000**, 288, 522-7	33.3	408
90	Developmental control of endocytosis in dendritic cells by Cdc42. *Cell*, **2000**, 102, 325-34	56.2	355
89	Dendritic cell maturation triggers retrograde MHC class II transport from lysosomes to the plasma membrane. *Nature*, **2002**, 418, 988-94	50.4	347
88	Fusobacterium nucleatum and T Cells in Colorectal Carcinoma. *JAMA Oncology*, **2015**, 1, 653-61	13.4	336
87	Nutrients, foods, and colorectal cancer prevention. *Gastroenterology*, **2015**, 148, 1244-60.e16	13.3	327
86	Exploring host-microbiota interactions in animal models and humans. *Genes and Development*, **2013**, 27, 701-18	12.6	308
85	Gut Microbiota, Inflammation, and Colorectal Cancer. *Annual Review of Microbiology*, **2016**, 70, 395-411	17.5	306
84	Fusobacterium nucleatum - symbiont, opportunist and oncobacterium. *Nature Reviews Microbiology*, **2019**, 17, 156-166	22.2	304
83	Fap2 Mediates Fusobacterium nucleatum Colorectal Adenocarcinoma Enrichment by Binding to Tumor-Expressed Gal-GalNAc. *Cell Host and Microbe*, **2016**, 20, 215-25	23.4	301
82	Gut microbiota induce IGF-1 and promote bone formation and growth. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E7554-E7563	11.5	287
81	Gut microbiome composition and function in experimental colitis during active disease and treatment-induced remission. *ISME Journal*, **2014**, 8, 1403-17	11.9	275
80	The human gut bacterial genotoxin colibactin alkylates DNA. *Science*, **2019**, 363,	33.3	234
79	Computational metaProomics for microbial community studies. *Molecular Systems Biology*, **2013**, 9, 666	12.2	216
78	Defective antigen processing in GILT-free mice. *Science*, **2001**, 294, 1361-5	33.3	213
77	CCL2 Promotes Colorectal Carcinogenesis by Enhancing Polymorphonuclear Myeloid-Derived Suppressor Cell Population and Function. *Cell Reports*, **2015**, 12, 244-57	10.6	200
76	Association of Dietary Patterns With Risk of Colorectal Cancer Subtypes Classified by Fusobacterium nucleatum in Tumor Tissue. *JAMA Oncology*, **2017**, 3, 921-927	13.4	177
75	Bifidobacterium animalis subsp. lactis fermented milk product reduces inflammation by altering a niche for colitogenic microbes. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 18132-7	11.5	171

74	Fusobacterium nucleatum in Colorectal Carcinoma Tissue According to Tumor Location. *Clinical and Translational Gastroenterology*, **2016**, 7, e200	4.2	156
73	Colitis-associated colorectal cancer driven by T-bet deficiency in dendritic cells. *Cancer Cell*, **2009**, 16, 208-19	24.3	131
72	Sequence-based discovery of Bradyrhizobium enterica in cord colitis syndrome. *New England Journal of Medicine*, **2013**, 369, 517-28	59.2	130
71	Ecological robustness of the gut microbiota in response to ingestion of transient food-borne microbes. *ISME Journal*, **2016**, 10, 2235-45	11.9	125
70	Integrative analysis of exogenous, endogenous, tumour and immune factors for precision medicine. *Gut*, **2018**, 67, 1168-1180	19.2	111
69	Antibody to a conserved antigenic target is protective against diverse prokaryotic and eukaryotic pathogens. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E2209-18	11.5	110
68	The gut microbiota and colon cancer. *Science*, **2019**, 364, 1133-1135	33.3	106
67	Metabolite-Sensing Receptor Ffar2 Regulates Colonic Group 3 Innate Lymphoid Cells and Gut Immunity. *Immunity*, **2019**, 51, 871-884.e6	32.3	102
66	Long-term use of antibiotics and risk of colorectal adenoma. *Gut*, **2018**, 67, 672-678	19.2	93
65	The cancer microbiome. *Nature Reviews Cancer*, **2019**, 19, 371-376	31.3	88
64	Current concepts of the intestinal microbiota and the pathogenesis of infection. *Current Infectious Disease Reports*, **2011**, 13, 28-34	3.9	79
63	Keystone microbiome meeting 2012: a mountain top experience. *EMBO Reports*, **2012**, 13, 478-480	6.5	78
62	in Colorectal Cancer Relates to Immune Response Differentially by Tumor Microsatellite Instability Status. *Cancer Immunology Research*, **2018**, 6, 1327-1336	12.5	78
61	Differential presentation of a soluble exogenous tumor antigen, NY-ESO-1, by distinct human dendritic cell populations. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 10629-34	11.5	70
60	A complex microworld in the gut: gut microbiota and cardiovascular disease connectivity. *Nature Medicine*, **2012**, 18, 1188-9	50.5	65
59	Diets That Promote Colon Inflammation Associate With Risk of Colorectal Carcinomas That Contain Fusobacterium nucleatum. *Clinical Gastroenterology and Hepatology*, **2018**, 16, 1622-1631.e3	6.9	63
58	The reproductive tracts of two malaria vectors are populated by a core microbiome and by gender- and swarm-enriched microbial biomarkers. *Scientific Reports*, **2016**, 6, 24207	4.9	63
57	The gut microbiota and mucosal T cells. *Frontiers in Microbiology*, **2011**, 2, 111	5.7	63

56	Host lysozyme-mediated lysis of Lactococcus lactis facilitates delivery of colitis-attenuating superoxide dismutase to inflamed colons. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 7803-8	11.5	59
55	Dietary fiber and probiotics influence the gut microbiome and melanoma immunotherapy response.. *Science*, **2021**, 374, 1632-1640	33.3	52
54	Marine B Polyunsaturated Fatty Acid Intake and Risk of Colorectal Cancer Characterized by Tumor-Infiltrating T Cells. *JAMA Oncology*, **2016**, 2, 1197-206	13.4	51
53	The Crohn's disease polymorphism, T300A, alters the gut microbiota and enhances the local Th1/Th17 response. *ELife*, **2019**, 8,	8.9	50
52	Association Between Sulfur-Metabolizing Bacterial Communities in Stool and Risk of Distal Colorectal Cancer in Men. *Gastroenterology*, **2020**, 158, 1313-1325	13.3	50
51	Colon Cancer-Associated May Originate From the Oral Cavity and Reach Colon Tumors via the Circulatory System. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 400	5.9	46
50	Association Between Inflammatory Diet Pattern and Risk of Colorectal Carcinoma Subtypes Classified by Immune Responses to Tumor. *Gastroenterology*, **2017**, 153, 1517-1530.e14	13.3	45
49	Regular Aspirin Use Associates With Lower Risk of Colorectal Cancers With Low Numbers of Tumor-Infiltrating Lymphocytes. *Gastroenterology*, **2016**, 151, 879-892.e4	13.3	44
48	Microbes and inflammation in colorectal cancer. *Cancer Immunology Research*, **2013**, 1, 150-7	12.5	43
47	Functional profiling of the gut microbiome in disease-associated inflammation. *Genome Medicine*, **2013**, 5, 65	14.4	39
46	Diet posttranslationally modifies the mouse gut microbial proteome to modulate renal function. *Science*, **2020**, 369, 1518-1524	33.3	37
45	QseC inhibition as an antivirulence approach for colitis-associated bacteria. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 142-147	11.5	36
44	Interleukin-13 drives metabolic conditioning of muscle to endurance exercise. *Science*, **2020**, 368,	33.3	32
43	The Amount of Bifidobacterium Genus in Colorectal Carcinoma Tissue in Relation to Tumor Characteristics and Clinical Outcome. *American Journal of Pathology*, **2018**, 188, 2839-2852	5.8	31
42	Tumor necrosis factor inhibits expression of the iron regulating hormone hepcidin in murine models of innate colitis. *PLoS ONE*, **2012**, 7, e38136	3.7	27
41	Challenges in IBD Research: Preclinical Human IBD Mechanisms. *Inflammatory Bowel Diseases*, **2019**, 25, S5-S12	4.5	26
40	Severity of innate immune-mediated colitis is controlled by the cytokine deficiency-induced colitis susceptibility-1 (Cdcs1) locus. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 7137-41	11.5	26
39	Gut microbiota. Microbiota organization--a key to understanding CRC development. *Nature Reviews Gastroenterology and Hepatology*, **2015**, 12, 128-9	24.2	23

38	Immune recognition of microbial metabolites. *Nature Reviews Immunology*, **2020**, 20, 91-92	36.5	23
37	Expression of Free Fatty Acid Receptor 2 by Dendritic Cells Prevents Their Expression of Interleukin 27 and Is Required for Maintenance of Mucosal Barrier and Immune Response Against Colorectal Tumors in Mice. *Gastroenterology*, **2020**, 158, 1359-1372.e9	13.3	22
36	Structure of the Mucosal and Stool Microbiome in Lynch Syndrome. *Cell Host and Microbe*, **2020**, 27, 585-600.e4	30.4	20
35	Human microbiome science: vision for the future, Bethesda, MD, July 24 to 26, 2013. *Microbiome*, **2014**, 2,	16.6	18
34	Host and gut microbiota symbiotic factors: lessons from inflammatory bowel disease and successful symbionts. *Cellular Microbiology*, **2011**, 13, 508-17	3.9	18
33	The Taste Receptor TAS1R3 Regulates Small Intestinal Tuft Cell Homeostasis. *ImmunoHorizons*, **2020**, 4, 23-32	2.7	18
32	Kwashiorkor and the gut microbiota. *New England Journal of Medicine*, **2013**, 368, 1746-7	59.2	16
31	Association of autophagy status with amount of Fusobacterium nucleatum in colorectal cancer. *Journal of Pathology*, **2020**, 250, 397-408	9.4	16
30	A framework for microbiome science in public health. *Nature Medicine*, **2021**, 27, 766-774	50.5	14
29	T-bet-/- RAG2-/- ulcerative colitis: the role of T-bet as a peacekeeper of host-commensal relationships. *Cytokine*, **2009**, 48, 144-7	4	13
28	Bacteria, food, and cancer. *F1000 Biology Reports*, **2011**, 3, 12		13
27	Near-zero growth kinetics of Pseudomonas putida deduced from proteomic analysis. *Environmental Microbiology*, **2015**, 17, 215-28	5.2	12
26	Association of with Specific T-cell Subsets in the Colorectal Carcinoma Microenvironment. *Clinical Cancer Research*, **2021**, 27, 2816-2826	12.9	12
25	Fluoride Depletes Acidogenic Taxa in Oral but Not Gut Microbial Communities in Mice. *MSystems*, **2017**, 2,	7.6	11
24	A reproducible approach to high-throughput biological data acquisition and integration. *PeerJ*, **2015**, 3, e791	3.1	11
23	Dietary fiber intake, the gut microbiome, and chronic systemic inflammation in a cohort of adult men. *Genome Medicine*, **2021**, 13, 102	14.4	10
22	Bacteroides, Prevotella, Porphyromonas, and Fusobacterium Species (and Other Medically Important Anaerobic Gram-Negative Bacilli) **2015**, 2773-2780		9
21	Tumor SQSTM1 (p62) expression and T cells in colorectal cancer. *OncoImmunology*, **2017**, 6, e1284720	7.2	7

20	Take DAT, Flu!. *Immunity*, **2017**, 47, 400-402	32.3	6
19	drives a pro-inflammatory intestinal microenvironment through metabolite receptor-dependent modulation of IL-17 expression. *Gut Microbes*, **2021**, 13, 1987780	8.8	6
18	Aspirin Modulation of the Colorectal Cancer-Associated Microbe Fusobacterium nucleatum. *MBio*, **2021**, 12,	7.8	6
17	The Sulfur Microbial Diet Is Associated With Increased Risk of Early-Onset Colorectal Cancer Precursors. *Gastroenterology*, **2021**, 161, 1423-1432.e4	13.3	6
16	Gut microbiota in 2016: A banner year for gut microbiota research. *Nature Reviews Gastroenterology and Hepatology*, **2017**, 14, 78-80	24.2	5
15	From cell biology to the microbiome: An intentional infinite loop. *Journal of Cell Biology*, **2015**, 210, 7-8	7.3	5
14	Calcium Intake and Risk of Colorectal Cancer According to Tumor-infiltrating T Cells. *Cancer Prevention Research*, **2019**, 12, 283-294	3.2	5
13	Comparative genomics and genome biology of. *Emerging Microbes and Infections*, **2019**, 8, 827-840	18.9	4
12	Studies of endocytosis **2001**, 213-cp1		4
11	Butyrate Makes Macrophages "Go Nuclear" against Bacterial Pathogens. *Immunity*, **2019**, 50, 275-278	32.3	4
10	Gas Gangrene and Other Clostridium-Associated Diseases **2010**, 3103-3109		3
9	Colorectal cancer: the facts in the case of the microbiota.. *Journal of Clinical Investigation*, **2022**, 132,	15.9	3
8	Gas Gangrene and Other Clostridium-Associated Diseases **2015**, 2768-2772		2
7	Overview of the Microbiome Among Nurses study (Micro-N) as an example of prospective characterization of the microbiome within cohort studies. *Nature Protocols*, **2021**, 16, 2724-2731	18.8	2
6	Enterococcus in Graft-versus-Host Disease. *New England Journal of Medicine*, **2020**, 382, 1064-1066	59.2	1
5	The Sulfur Microbial Diet and Risk of Colorectal Cancer by Molecular Subtypes and Intratumoral Microbial Species in Adult Men. *Clinical and Translational Gastroenterology*, **2021**, 12, e00338	4.2	1
4	Fighting Fire with Fiber: Preventing T Cell Infiltration in Diabetes. *Cell Metabolism*, **2017**, 26, 8-10	24.6	
3	Gut Microbiota and Intestinal Adaptive Immunity **2015**, 849-858		

2	Uptake and presentation of phagocytosed antigens by dendritic cells. *Advances in Cellular and Molecular Biology of Membranes and Organelles*, **1999**, 363-378	
1	Bifidobacterium Genus in Colorectal Carcinoma Tissue in relation to Tumor Characteristics and Patient Survival. *FASEB Journal*, **2018**, 32, 407.3	0.9