Wendy S Garrett

List of Publications by Year
in descending order

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114 papers	44,100 citations	20797 60 h-index	28275 105 g-index
148 all docs	148 docs citations	148 times ranked	49860 citing authors

#	Article	IF	Citations
1	Metagenomic biomarker discovery and explanation. Genome Biology, 2011, 12, R60.	13.9	11,192
2	The Microbial Metabolites, Short-Chain Fatty Acids, Regulate Colonic T _{reg} Cell Homeostasis. Science, 2013, 341, 569-573.	6.0	3,945
3	Host microbiota constantly control maturation and function of microglia in the CNS. Nature Neuroscience, 2015, 18, 965-977.	7.1	2,340
4	Gut microbiota, metabolites and host immunity. Nature Reviews Immunology, 2016, 16, 341-352.	10.6	2,212
5	Fusobacterium nucleatum Potentiates Intestinal Tumorigenesis and Modulates the Tumor-Immune Microenvironment. Cell Host and Microbe, 2013, 14, 207-215.	5.1	1,913
6	Genomic analysis identifies association of Fusobacterium with colorectal carcinoma. Genome Research, 2012, 22, 292-298.	2.4	1,587
7	A single-cell survey of the small intestinal epithelium. Nature, 2017, 551, 333-339.	13.7	1,197
8	Potential role of intratumor bacteria in mediating tumor resistance to the chemotherapeutic drug gemcitabine. Science, 2017, 357, 1156-1160.	6.0	1,059
9	Cancer and the microbiota. Science, 2015, 348, 80-86.	6.0	942
10	Binding of the Fap2 Protein of Fusobacterium nucleatum to Human Inhibitory Receptor TIGIT Protects Tumors from Immune Cell Attack. Immunity, 2015, 42, 344-355.	6.6	900
11	Communicable Ulcerative Colitis Induced by T-bet Deficiency in the Innate Immune System. Cell, 2007, 131, 33-45.	13.5	837
12	Fusobacterium nucleatumin colorectal carcinoma tissue and patient prognosis. Gut, 2016, 65, 1973-1980.	6.1	718
13	Enterobacteriaceae Act in Concert with the Gut Microbiota to Induce Spontaneous and Maternally Transmitted Colitis. Cell Host and Microbe, 2010, 8, 292-300.	5.1	715
14	Tuft cells, taste-chemosensory cells, orchestrate parasite type 2 immunity in the gut. Science, 2016, 351, 1329-1333.	6.0	707
15	Homeostasis and Inflammation in the Intestine. Cell, 2010, 140, 859-870.	13.5	671
16	Microbes, Microbiota, and Colon Cancer. Cell Host and Microbe, 2014, 15, 317-328.	5.1	659
17	Activation of Lysosomal Function During Dendritic Cell Maturation. Science, 2003, 299, 1400-1403.	6.0	631
18	Fusobacterium nucleatum â€" symbiont, opportunist and oncobacterium. Nature Reviews Microbiology, 2019, 17, 156-166.	13.6	618

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19	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.	3.3	552
20	Fap2 Mediates Fusobacterium nucleatum Colorectal Adenocarcinoma Enrichment by Binding to Tumor-Expressed Gal-GalNAc. Cell Host and Microbe, 2016, 20, 215-225.	5.1	523
21	Fusobacterium nucleatumand T Cells in Colorectal Carcinoma. JAMA Oncology, 2015, 1, 653.	3.4	498
22	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.	3.3	480
23	Nutrients, Foods, and Colorectal Cancer Prevention. Gastroenterology, 2015, 148, 1244-1260.e16.	0.6	466
24	Gut Microbiota, Inflammation, and Colorectal Cancer. Annual Review of Microbiology, 2016, 70, 395-411.	2.9	448
25	Transport of Peptide-MHC Class II Complexes in Developing Dendritic Cells. Science, 2000, 288, 522-527.	6.0	435
26	Exploring hostâ€“microbiota interactions in animal models and humans. Genes and Development, 2013, 27, 701-718.	2.7	413
27	Developmental Control of Endocytosis in Dendritic Cells by Cdc42. Cell, 2000, 102, 325-334.	13.5	399
28	Dendritic cell maturation triggers retrograde MHC class II transport from lysosomes to the plasma membrane. Nature, 2002, 418, 988-994.	13.7	395
29	The human gut bacterial genotoxin colibactin alkylates DNA. Science, 2019, 363, .	6.0	389
30	Dietary fiber and probiotics influence the gut microbiome and melanoma immunotherapy response. Science, 2021, 374, 1632-1640.	6.0	369
31	Gut microbiome composition and function in experimental colitis during active disease and treatment-induced remission. ISME Journal, 2014, 8, 1403-1417.	4.4	352
32	CCL2 Promotes Colorectal Carcinogenesis by Enhancing Polymorphonuclear Myeloid-Derived Suppressor Cell Population and Function. Cell Reports, 2015, 12, 244-257.	2.9	287
33	Computational meta'omics for microbial community studies. Molecular Systems Biology, 2013, 9, 666.	3.2	253
34	Defective Antigen Processing in GILT-Free Mice. Science, 2001, 294, 1361-1365.	6.0	248
35	Association of Dietary Patterns With Risk of Colorectal Cancer Subtypes Classified by Fusobacterium nucleatum in Tumor Tissue. JAMA Oncology, 2017, 3, 921.	3.4	243
36	Fusobacterium nucleatum in Colorectal Carcinoma Tissue According to Tumor Location. Clinical and Translational Gastroenterology, 2016, 7, e200.	1.3	225

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37	The gut microbiota and colon cancer. Science, 2019, 364, 1133-1135.	6.0	213
38	Metabolite-Sensing Receptor Ffar2 Regulates Colonic Group 3 Innate Lymphoid Cells and Gut Immunity. Immunity, 2019, 51, 871-884.e6.	6.6	203
39	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, 18132-18137.	3.3	196
40	Ecological robustness of the gut microbiota in response to ingestion of transient food-borne microbes. ISME Journal, 2016, 10, 2235-2245.	4.4	187
41	The cancer microbiome. Nature Reviews Cancer, 2019, 19, 371-376.	12.8	153
42	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.	3.3	152
43	Sequence-Based Discovery ofBradyrhizobium entericain Cord Colitis Syndrome. New England Journal of Medicine, 2013, 369, 517-528.	13.9	148
44	Colitis-Associated Colorectal Cancer Driven by T-bet Deficiency in Dendritic Cells. Cancer Cell, 2009, 16, 208-219.	7.7	143
45	Integrative analysis of exogenous, endogenous, tumour and immune factors for precision medicine. Gut, 2018, 67, 1168-1180.	6.1	139
46	Fusobacterium nucleatum in Colorectal Cancer Relates to Immune Response Differentially by Tumor Microsatellite Instability Status. Cancer Immunology Research, 2018, 6, 1327-1336.	1.6	127
47	Long-term use of antibiotics and risk of colorectal adenoma. Gut, 2018, 67, gutjnl-2016-313413.	6.1	125
48	Colon Cancer-Associated Fusobacterium nucleatum May Originate From the Oral Cavity and Reach Colon Tumors via the Circulatory System. Frontiers in Cellular and Infection Microbiology, 2020, 10, 400.	1.8	117
49	Diet posttranslationally modifies the mouse gut microbial proteome to modulate renal function. Science, 2020, 369, 1518-1524.	6.0	108
50	Diets That Promote Colon Inflammation Associate With Risk of Colorectal Carcinomas That Contain Fusobacterium nucleatum. Clinical Gastroenterology and Hepatology, 2018, 16, 1622-1631.e3.	2.4	103
51	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, 7803-7808.	3.3	99
52	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.	1.6	93
53	Current Concepts of the Intestinal Microbiota and the Pathogenesis of Infection. Current Infectious Disease Reports, 2011, 13, 28-34.	1.3	89
54	Association Between Sulfur-Metabolizing Bacterial Communities in Stool and Risk of Distal Colorectal Cancer in Men. Gastroenterology, 2020, 158, 1313-1325.	0.6	88

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55	The Gut Microbiota and Mucosal T Cells. Frontiers in Microbiology, 2011, 2, 111.	1.5	86
56	The Crohnâ€™s disease polymorphism, ATG16L1 T300A, alters the gut microbiota and enhances the local Th1/Th17 response. ELife, 2019, 8, .	2.8	84
57	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, 10629-10634.	3.3	78
58	A complex microworld in the gut: Gut microbiota and cardiovascular disease connectivity. Nature Medicine, 2012, 18, 1188-1189.	15.2	71
59	Marine Ï‰-3 Polyunsaturated Fatty Acid Intake and Risk of Colorectal Cancer Characterized by Tumor-Infiltrating T Cells. JAMA Oncology, 2016, 2, 1197.	3.4	68
60	Interleukin-13 drives metabolic conditioning of muscle to endurance exercise. Science, 2020, 368, .	6.0	67
61	Colorectal cancer: the facts in the case of the microbiota. Journal of Clinical Investigation, 2022, 132, .	3.9	63
62	Regular Aspirin Use Associates With Lower Risk of ColorectalÂCancers With Low Numbers of Tumor-Infiltrating Lymphocytes. Gastroenterology, 2016, 151, 879-892.e4.	0.6	62
63	Association Between Inflammatory Diet Pattern and Risk of Colorectal Carcinoma Subtypes Classified by Immune Responses to Tumor. Gastroenterology, 2017, 153, 1517-1530.e14.	0.6	62
64	Dietary fiber intake, the gut microbiome, and chronic systemic inflammation in a cohort of adult men. Genome Medicine, 2021, 13, 102.	3.6	62
65	Functional profiling of the gut microbiome in disease-associated inflammation. Genome Medicine, 2013, 5, 65.	3.6	61
66	Microbes and Inflammation in Colorectal Cancer. Cancer Immunology Research, 2013, 1, 150-157.	1.6	54
67	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.	0.6	54
68	Fusobacterium nucleatum drives a pro-inflammatory intestinal microenvironment through metabolite receptor-dependent modulation of IL-17 expression. Gut Microbes, 2021, 13, 1987780.	4.3	54
69	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.	1.9	51
70	The Taste Receptor TAS1R3 Regulates Small Intestinal Tuft Cell Homeostasis. ImmunoHorizons, 2020, 4, 23-32.	0.8	48
71	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.	3.3	47
72	A framework for microbiome science in public health. Nature Medicine, 2021, 27, 766-774.	15.2	47

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73	Immune recognition ofÂmicrobial metabolites. Nature Reviews Immunology, 2020, 20, 91-92.	10.6	45
74	The Sulfur Microbial Diet Is Associated With Increased Risk of Early-Onset Colorectal Cancer Precursors. Gastroenterology, 2021, 161, 1423-1432.e4.	0.6	45
75	Challenges in IBD Research: Preclinical Human IBD Mechanisms. Inflammatory Bowel Diseases, 2019, 25, S5-S12.	0.9	44
76	Structure of the Mucosal and Stool Microbiome in Lynch Syndrome. Cell Host and Microbe, 2020, 27, 585-600.e4.	5.1	40
77	Discovery of bioactive microbial gene products in inflammatory bowel disease. Nature, 2022, 606, 754-760.	13.7	38
78	Association of Fusobacterium nucleatum with Specific T-cell Subsets in the Colorectal Carcinoma Microenvironment. Clinical Cancer Research, 2021, 27, 2816-2826.	3.2	36
79	Aspirin Modulation of the Colorectal Cancer-Associated Microbe Fusobacterium nucleatum. MBio, 2021, 12, .	1.8	32
80	Tumor Necrosis Factor Î± Inhibits Expression of the Iron Regulating Hormone Hepcidin in Murine Models of Innate Colitis. PLoS ONE, 2012, 7, e38136.	1.1	32
81	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, 7137-7141.	3.3	28
82	Microbiota organizationâ€"a key to understanding CRC development. Nature Reviews Gastroenterology and Hepatology, 2015, 12, 128-129.	8.2	28
83	Association of autophagy status with amount of Fusobacterium nucleatum in colorectal cancer. Journal of Pathology, 2020, 250, 397-408.	2.1	27
84	Host and gut microbiota symbiotic factors: lessons from inflammatory bowel disease and successful symbionts. Cellular Microbiology, 2011, 13, 508-517.	1.1	25
85	Human microbiome science: vision for the future, Bethesda, MD, July 24 to 26, 2013. Microbiome, 2014, 2, .	4.9	25
86	Kwashiorkor and the Gut Microbiota. New England Journal of Medicine, 2013, 368, 1746-1747.	13.9	18
87	Nearâ€zero growth kinetics of <scp>P</scp>seudomonas putida deduced from proteomic analysis. Environmental Microbiology, 2015, 17, 215-228.	1.8	18
88	Tumor SQSTM1 (p62) expression and T cells in colorectal cancer. OncoImmunology, 2017, 6, e1284720.	2.1	18
89	Fluoride Depletes Acidogenic Taxa in Oral but Not Gut Microbial Communities in Mice. MSystems, 2017, 2, .	1.7	18
90	Bacteroides, Prevotella, Porphyromonas, and Fusobacterium Species (and Other Medically Important) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	16	

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91	T-betâ^'/â^' RAG2â^'/â^' ulcerative colitis: The role of T-bet as a peacekeeper of hostâ€"commensal relationships. Cytokine, 2009, 48, 144-147.	1.4	15
92	Bacteria, food, and cancer. F1000 Biology Reports, 2011, 3, 12.	4.0	15
93	A reproducible approach to high-throughput biological data acquisition and integration. PeerJ, 2015, 3, e791.	0.9	12
94	Calcium Intake and Risk of Colorectal Cancer According to Tumor-infiltrating T Cells. Cancer Prevention Research, 2019, 12, 283-294.	0.7	11
95	Studies of endocytosis. , 2001, , 213-cp1.		10
96	The Unfolding Story of ATF6, Microbial Dysbiosis, and Colorectal Cancer. Gastroenterology, 2018, 155, 1309-1311.	0.6	10
97	A banner year for gut microbiota research. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 78-80.	8.2	8
98	Comparative genomics and genome biology of Campylobacter showae. Emerging Microbes and Infections, 2019, 8, 827-840.	3.0	8
99	Butyrate Makes Macrophages â€œGo Nuclearâ€•against Bacterial Pathogens. Immunity, 2019, 50, 275-278.	6.6	8
100	Gas Gangrene and Other Clostridium-Associated Diseases. , 2015, , 2768-2772.		8
101	From cell biology to the microbiome: An intentional infinite loop. Journal of Cell Biology, 2015, 210, 7-8.	2.3	7
102	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.	5.5	7
103	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.	1.3	7
104	Take DAT, Flu!. Immunity, 2017, 47, 400-402.	6.6	6
105	Enterococcus in Graft-versus-Host Disease. New England Journal of Medicine, 2020, 382, 1064-1066.	13.9	4
106	Microbial Nourishment for Undernutrition. New England Journal of Medicine, 2021, 384, 1566-1567.	13.9	3
107	Gas Gangrene and Other Clostridium-Associated Diseases. , 2010, , 3103-3109.		3
108	Keystone microbiome meeting 2012: a mountain top experience. EMBO Reports, 2012, 13, 478-480.	2.0	1

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109	Uptake and presentation of phagocytosed antigens by dendritic cells. Advances in Cellular and Molecular Biology of Membranes and Organelles, 1999, , 363-378.	0.3	0
110	Gut Microbiota and Intestinal Adaptive Immunity. , 2015, , 849-858.		0
111	Fighting Fire with Fiber: Preventing T Cell Infiltration in Diabetes. Cell Metabolism, 2017, 26, 8-10.	7.2	0
112	A Commitment to Lineage. Blood, 2010, 116, SCI-22-SCI-22.	0.6	0
113	Gut Microbiota and Intestinal Inflammation. Blood, 2012, 120, SCI-49-SCI-49.	0.6	0
114	Bifidobacterium Genus in Colorectal Carcinoma Tissue in relation to Tumor Characteristics and Patient Survival. FASEB Journal, 2018, 32, 407.3.	0.2	0