

# Wendy S Garrett

## List of Publications by Year in descending order

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Version: 2024-02-01

114  
papers

44,100  
citations

20759

60  
h-index

28224

105  
g-index

148  
all docs

148  
docs citations

148  
times ranked

49860  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomic biomarker discovery and explanation. <i>Genome Biology</i> , 2011, 12, R60.	13.9	11,192
2	The Microbial Metabolites, Short-Chain Fatty Acids, Regulate Colonic T <sub>reg</sub> Cell Homeostasis. <i>Science</i> , 2013, 341, 569-573.	6.0	3,945
3	Host microbiota constantly control maturation and function of microglia in the CNS. <i>Nature Neuroscience</i> , 2015, 18, 965-977.	7.1	2,340
4	Gut microbiota, metabolites and host immunity. <i>Nature Reviews Immunology</i> , 2016, 16, 341-352.	10.6	2,212
5	<i>Fusobacterium nucleatum</i> Potentiates Intestinal Tumorigenesis and Modulates the Tumor-Immune Microenvironment. <i>Cell Host and Microbe</i> , 2013, 14, 207-215.	5.1	1,913
6	Genomic analysis identifies association of <i>Fusobacterium</i> with colorectal carcinoma. <i>Genome Research</i> , 2012, 22, 292-298.	2.4	1,587
7	A single-cell survey of the small intestinal epithelium. <i>Nature</i> , 2017, 551, 333-339.	13.7	1,197
8	Potential role of intratumor bacteria in mediating tumor resistance to the chemotherapeutic drug gemcitabine. <i>Science</i> , 2017, 357, 1156-1160.	6.0	1,059
9	Cancer and the microbiota. <i>Science</i> , 2015, 348, 80-86.	6.0	942
10	Binding of the Fap2 Protein of <i>Fusobacterium nucleatum</i> to Human Inhibitory Receptor TIGIT Protects Tumors from Immune Cell Attack. <i>Immunity</i> , 2015, 42, 344-355.	6.6	900
11	Communicable Ulcerative Colitis Induced by T-bet Deficiency in the Innate Immune System. <i>Cell</i> , 2007, 131, 33-45.	13.5	837
12	<i>Fusobacterium nucleatum</i> in colorectal carcinoma tissue and patient prognosis. <i>Gut</i> , 2016, 65, 1973-1980.	6.1	718
13	Enterobacteriaceae Act in Concert with the Gut Microbiota to Induce Spontaneous and Maternally Transmitted Colitis. <i>Cell Host and Microbe</i> , 2010, 8, 292-300.	5.1	715
14	Tuft cells, taste-chemosensory cells, orchestrate parasite type 2 immunity in the gut. <i>Science</i> , 2016, 351, 1329-1333.	6.0	707
15	Homeostasis and Inflammation in the Intestine. <i>Cell</i> , 2010, 140, 859-870.	13.5	671
16	Microbes, Microbiota, and Colon Cancer. <i>Cell Host and Microbe</i> , 2014, 15, 317-328.	5.1	659
17	Activation of Lysosomal Function During Dendritic Cell Maturation. <i>Science</i> , 2003, 299, 1400-1403.	6.0	631
18	<i>Fusobacterium nucleatum</i> – symbiont, opportunist and oncobacterium. <i>Nature Reviews Microbiology</i> , 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 <i>Fusobacterium nucleatum</i> Colorectal Adenocarcinoma Enrichment by Binding to Tumor-Expressed Gal-GalNAc. Cell Host and Microbe, 2016, 20, 215-225.	5.1	523
21	<i>Fusobacterium nucleatum</i> and 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 host-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 <i>Fusobacterium nucleatum</i> in Tumor Tissue. JAMA Oncology, 2017, 3, 921.	3.4	243
36	<i>Fusobacterium nucleatum</i> 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. <i>Science</i> , 2019, 364, 1133-1135.	6.0	213
38	Metabolite-Sensing Receptor Ffar2 Regulates Colonic Group 3 Innate Lymphoid Cells and Gut Immunity. <i>Immunity</i> , 2019, 51, 871-884.e6.	6.6	203
39	<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> fermented milk product reduces inflammation by altering a niche for colitogenic microbes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18132-18137.	3.3	196
40	Ecological robustness of the gut microbiota in response to ingestion of transient food-borne microbes. <i>ISME Journal</i> , 2016, 10, 2235-2245.	4.4	187
41	The cancer microbiome. <i>Nature Reviews Cancer</i> , 2019, 19, 371-376.	12.8	153
42	Antibody to a conserved antigenic target is protective against diverse prokaryotic and eukaryotic pathogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2209-18.	3.3	152
43	Sequence-Based Discovery of <i>Bradyrhizobium enterica</i> in Cord Colitis Syndrome. <i>New England Journal of Medicine</i> , 2013, 369, 517-528.	13.9	148
44	Colitis-Associated Colorectal Cancer Driven by T-bet Deficiency in Dendritic Cells. <i>Cancer Cell</i> , 2009, 16, 208-219.	7.7	143
45	Integrative analysis of exogenous, endogenous, tumour and immune factors for precision medicine. <i>Gut</i> , 2018, 67, 1168-1180.	6.1	139
46	<i>Fusobacterium nucleatum</i> in Colorectal Cancer Relates to Immune Response Differentially by Tumor Microsatellite Instability Status. <i>Cancer Immunology Research</i> , 2018, 6, 1327-1336.	1.6	127
47	Long-term use of antibiotics and risk of colorectal adenoma. <i>Gut</i> , 2018, 67, gutjnl-2016-313413.	6.1	125
48	Colon Cancer-Associated <i>Fusobacterium nucleatum</i> May Originate From the Oral Cavity and Reach Colon Tumors via the Circulatory System. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 400.	1.8	117
49	Diet posttranslationally modifies the mouse gut microbial proteome to modulate renal function. <i>Science</i> , 2020, 369, 1518-1524.	6.0	108
50	Diets That Promote Colon Inflammation Associate With Risk of Colorectal Carcinomas That Contain <i>Fusobacterium nucleatum</i> . <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 1622-1631.e3.	2.4	103
51	Host lysozyme-mediated lysis of <i>Lactococcus lactis</i> facilitates delivery of colitis-attenuating superoxide dismutase to inflamed colons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 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. <i>Scientific Reports</i> , 2016, 6, 24207.	1.6	93
53	Current Concepts of the Intestinal Microbiota and the Pathogenesis of Infection. <i>Current Infectious Disease Reports</i> , 2011, 13, 28-34.	1.3	89
54	Association Between Sulfur-Metabolizing Bacterial Communities in Stool and Risk of Distal Colorectal Cancer in Men. <i>Gastroenterology</i> , 2020, 158, 1313-1325.	0.6	88

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55	The Gut Microbiota and Mucosal T Cells. <i>Frontiers in Microbiology</i> , 2011, 2, 111.	1.5	86
56	The Crohn's disease polymorphism, ATG16L1 T300A, alters the gut microbiota and enhances the local Th1/Th17 response. <i>ELife</i> , 2019, 8, .	2.8	84
57	Differential presentation of a soluble exogenous tumor antigen, NY-ESO-1, by distinct human dendritic cell populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10629-10634.	3.3	78
58	A complex microworld in the gut: Gut microbiota and cardiovascular disease connectivity. <i>Nature Medicine</i> , 2012, 18, 1188-1189.	15.2	71
59	Marine $\omega$ -3 Polyunsaturated Fatty Acid Intake and Risk of Colorectal Cancer Characterized by Tumor-Infiltrating T Cells. <i>JAMA Oncology</i> , 2016, 2, 1197.	3.4	68
60	Interleukin-13 drives metabolic conditioning of muscle to endurance exercise. <i>Science</i> , 2020, 368, .	6.0	67
61	Colorectal cancer: the facts in the case of the microbiota. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	63
62	Regular Aspirin Use Associates With Lower Risk of Colorectal Cancers With Low Numbers of Tumor-Infiltrating Lymphocytes. <i>Gastroenterology</i> , 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. <i>Gastroenterology</i> , 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. <i>Genome Medicine</i> , 2021, 13, 102.	3.6	62
65	Functional profiling of the gut microbiome in disease-associated inflammation. <i>Genome Medicine</i> , 2013, 5, 65.	3.6	61
66	Microbes and Inflammation in Colorectal Cancer. <i>Cancer Immunology Research</i> , 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. <i>Gastroenterology</i> , 2020, 158, 1359-1372.e9.	0.6	54
68	<i>Fusobacterium nucleatum</i> drives a pro-inflammatory intestinal microenvironment through metabolite receptor-dependent modulation of IL-17 expression. <i>Gut Microbes</i> , 2021, 13, 1987780.	4.3	54
69	The Amount of Bifidobacterium Genus in Colorectal Carcinoma Tissue in Relation to Tumor Characteristics and Clinical Outcome. <i>American Journal of Pathology</i> , 2018, 188, 2839-2852.	1.9	51
70	The Taste Receptor TAS1R3 Regulates Small Intestinal Tuft Cell Homeostasis. <i>ImmunoHorizons</i> , 2020, 4, 23-32.	0.8	48
71	QseC inhibition as an antivirulence approach for colitis-associated bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 142-147.	3.3	47
72	A framework for microbiome science in public health. <i>Nature Medicine</i> , 2021, 27, 766-774.	15.2	47

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73	Immune recognition of microbial metabolites. <i>Nature Reviews Immunology</i> , 2020, 20, 91-92.	10.6	45
74	The Sulfur Microbial Diet Is Associated With Increased Risk of Early-Onset Colorectal Cancer Precursors. <i>Gastroenterology</i> , 2021, 161, 1423-1432.e4.	0.6	45
75	Challenges in IBD Research: Preclinical Human IBD Mechanisms. <i>Inflammatory Bowel Diseases</i> , 2019, 25, S5-S12.	0.9	44
76	Structure of the Mucosal and Stool Microbiome in Lynch Syndrome. <i>Cell Host and Microbe</i> , 2020, 27, 585-600.e4.	5.1	40
77	Discovery of bioactive microbial gene products in inflammatory bowel disease. <i>Nature</i> , 2022, 606, 754-760.	13.7	38
78	Association of <i>Fusobacterium nucleatum</i> with Specific T-cell Subsets in the Colorectal Carcinoma Microenvironment. <i>Clinical Cancer Research</i> , 2021, 27, 2816-2826.	3.2	36
79	Aspirin Modulation of the Colorectal Cancer-Associated Microbe <i>Fusobacterium nucleatum</i> . <i>MBio</i> , 2021, 12, .	1.8	32
80	Tumor Necrosis Factor $\beta$ Inhibits Expression of the Iron Regulating Hormone Hepcidin in Murine Models of Innate Colitis. <i>PLoS ONE</i> , 2012, 7, e38136.	1.1	32
81	Severity of innate immune-mediated colitis is controlled by the cytokine deficiency-induced colitis susceptibility-1 ( <i>Cdcs1</i> ) locus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7137-7141.	3.3	28
82	Microbiota organization—a key to understanding CRC development. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2015, 12, 128-129.	8.2	28
83	Association of autophagy status with amount of <i>Fusobacterium nucleatum</i> in colorectal cancer. <i>Journal of Pathology</i> , 2020, 250, 397-408.	2.1	27
84	Host and gut microbiota symbiotic factors: lessons from inflammatory bowel disease and successful symbionts. <i>Cellular Microbiology</i> , 2011, 13, 508-517.	1.1	25
85	Human microbiome science: vision for the future, Bethesda, MD, July 24 to 26, 2013. <i>Microbiome</i> , 2014, 2, .	4.9	25
86	Kwashiorkor and the Gut Microbiota. <i>New England Journal of Medicine</i> , 2013, 368, 1746-1747.	13.9	18
87	Near-zero growth kinetics of <i>Pseudomonas putida</i> deduced from proteomic analysis. <i>Environmental Microbiology</i> , 2015, 17, 215-228.	1.8	18
88	Tumor SQSTM1 (p62) expression and T cells in colorectal cancer. <i>Oncolmmunology</i> , 2017, 6, e1284720.	2.1	18
89	Fluoride Depletes Acidogenic Taxa in Oral but Not Gut Microbial Communities in Mice. <i>MSystems</i> , 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-bet <sup>hi</sup> /RAG2 <sup>hi</sup> ulcerative colitis: The role of T-bet as a peacekeeper of host-commensal relationships. <i>Cytokine</i> , 2009, 48, 144-147.	1.4	15
92	Bacteria, food, and cancer. <i>F1000 Biology Reports</i> , 2011, 3, 12.	4.0	15
93	A reproducible approach to high-throughput biological data acquisition and integration. <i>PeerJ</i> , 2015, 3, e791.	0.9	12
94	Calcium Intake and Risk of Colorectal Cancer According to Tumor-infiltrating T Cells. <i>Cancer Prevention Research</i> , 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. <i>Gastroenterology</i> , 2018, 155, 1309-1311.	0.6	10
97	A banner year for gut microbiota research. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 78-80.	8.2	8
98	Comparative genomics and genome biology of <i>Campylobacter showae</i> . <i>Emerging Microbes and Infections</i> , 2019, 8, 827-840.	3.0	8
99	Butyrate Makes Macrophages Go Nuclear against Bacterial Pathogens. <i>Immunity</i> , 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. <i>Journal of Cell Biology</i> , 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. <i>Nature Protocols</i> , 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. <i>Clinical and Translational Gastroenterology</i> , 2021, 12, e00338.	1.3	7
104	Take DAT, Flu!. <i>Immunity</i> , 2017, 47, 400-402.	6.6	6
105	Enterococcus in Graft-versus-Host Disease. <i>New England Journal of Medicine</i> , 2020, 382, 1064-1066.	13.9	4
106	Microbial Nourishment for Undernutrition. <i>New England Journal of Medicine</i> , 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. <i>EMBO Reports</i> , 2012, 13, 478-480.	2.0	1

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109	Uptake and presentation of phagocytosed antigens by dendritic cells. <i>Advances in Cellular and Molecular Biology of Membranes and Organelles</i> , 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. <i>Cell Metabolism</i> , 2017, 26, 8-10.	7.2	0
112	A Commitment to Lineage. <i>Blood</i> , 2010, 116, SCI-22-SCI-22.	0.6	0
113	Gut Microbiota and Intestinal Inflammation. <i>Blood</i> , 2012, 120, SCI-49-SCI-49.	0.6	0
114	Bifidobacterium Genus in Colorectal Carcinoma Tissue in relation to Tumor Characteristics and Patient Survival. <i>FASEB Journal</i> , 2018, 32, 407.3.	0.2	0