Wendy S Garrett

List of Publications by Year
in descending order

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Version: 2024-02-01

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	Colorectal cancer: the facts in the case of the microbiota. Journal of Clinical Investigation, 2022, 132, .	3.9	63
2	Discovery of bioactive microbial gene products in inflammatory bowel disease. Nature, 2022, 606, 754-760.	13.7	38
3	Association of <i>Fusobacterium nucleatum</i> with Specific T-cell Subsets in the Colorectal Carcinoma Microenvironment. Clinical Cancer Research, 2021, 27, 2816-2826.	3.2	36
4	Microbial Nourishment for Undernutrition. New England Journal of Medicine, 2021, 384, 1566-1567.	13.9	3
5	Aspirin Modulation of the Colorectal Cancer-Associated Microbe Fusobacterium nucleatum. MBio, 2021, 12, .	1.8	32
6	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
7	A framework for microbiome science in public health. Nature Medicine, 2021, 27, 766-774.	15.2	47
8	Dietary fiber intake, the gut microbiome, and chronic systemic inflammation in a cohort of adult men. Genome Medicine, 2021, 13, 102.	3.6	62
9	The Sulfur Microbial Diet Is Associated With Increased Risk of Early-Onset Colorectal Cancer Precursors. Gastroenterology, 2021, 161, 1423-1432.e4.	0.6	45
10	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
11	<i>Fusobacterium nucleatum</i> drives a pro-inflammatory intestinal microenvironment through metabolite receptor-dependent modulation of IL-17 expression. Gut Microbes, 2021, 13, 1987780.	4.3	54
12	Dietary fiber and probiotics influence the gut microbiome and melanoma immunotherapy response. Science, 2021, 374, 1632-1640.	6.0	369
13	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
14	Association of autophagy status with amount of <i>Fusobacterium nucleatum</i> in colorectal cancer. Journal of Pathology, 2020, 250, 397-408.	2.1	27
15	Immune recognition ofÂmicrobial metabolites. Nature Reviews Immunology, 2020, 20, 91-92.	10.6	45
16	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
17	Diet posttranslationally modifies the mouse gut microbial proteome to modulate renal function. Science, 2020, 369, 1518-1524.	6.0	108
18	Enterococcus in Graft-versus-Host Disease. New England Journal of Medicine, 2020, 382, 1064-1066.	13.9	4

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19	Association Between Sulfur-Metabolizing Bacterial Communities in Stool and Risk of Distal Colorectal Cancer in Men. Gastroenterology, 2020, 158, 1313-1325.	0.6	88
20	Interleukin-13 drives metabolic conditioning of muscle to endurance exercise. Science, 2020, 368, .	6.0	67
21	Structure of the Mucosal and Stool Microbiome in Lynch Syndrome. Cell Host and Microbe, 2020, 27, 585-600.e4.	5.1	40
22	The Taste Receptor TAS1R3 Regulates Small Intestinal Tuft Cell Homeostasis. ImmunoHorizons, 2020, 4, 23-32.	0.8	48
23	Metabolite-Sensing Receptor Ffar2 Regulates Colonic Group 3 Innate Lymphoid Cells and Gut Immunity. Immunity, 2019, 51, 871-884.e6.	6.6	203
24	The Crohnâ€™s disease polymorphism, ATG16L1 T300A, alters the gut microbiota and enhances the local Th1/Th17 response. ELife, 2019, 8, .	2.8	84
25	The gut microbiota and colon cancer. Science, 2019, 364, 1133-1135.	6.0	213
26	Comparative genomics and genome biology of Campylobacter showae. Emerging Microbes and Infections, 2019, 8, 827-840.	3.0	8
27	The cancer microbiome. Nature Reviews Cancer, 2019, 19, 371-376.	12.8	153
28	Challenges in IBD Research: Preclinical Human IBD Mechanisms. Inflammatory Bowel Diseases, 2019, 25, S5-S12.	0.9	44
29	Calcium Intake and Risk of Colorectal Cancer According to Tumor-infiltrating T Cells. Cancer Prevention Research, 2019, 12, 283-294.	0.7	11
30	Butyrate Makes Macrophages â€œGo Nuclearâ€•against Bacterial Pathogens. Immunity, 2019, 50, 275-278.	6.6	8
31	The human gut bacterial genotoxin colibactin alkylates DNA. Science, 2019, 363, .	6.0	389
32	Fusobacterium nucleatum â€" symbiont, opportunist and oncobacterium. Nature Reviews Microbiology, 2019, 17, 156-166.	13.6	618
33	Long-term use of antibiotics and risk of colorectal adenoma. Gut, 2018, 67, gutjnl-2016-313413.	6.1	125
34	Integrative analysis of exogenous, endogenous, tumour and immune factors for precision medicine. Gut, 2018, 67, 1168-1180.	6.1	139
35	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
36	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

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37	The Unfolding Story of ATF6, Microbial Dysbiosis, and Colorectal Cancer. Gastroenterology, 2018, 155, 1309-1311.	0.6	10
38	<i>Fusobacterium nucleatum</i> in Colorectal Cancer Relates to Immune Response Differentially by Tumor Microsatellite Instability Status. Cancer Immunology Research, 2018, 6, 1327-1336.	1.6	127
39	Bifidobacterium Genus in Colorectal Carcinoma Tissue in relation to Tumor Characteristics and Patient Survival. FASEB Journal, 2018, 32, 407.3.	0.2	0
40	A banner year for gut microbiota research. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 78-80.	8.2	8
41	Tumor SQSTM1 (p62) expression and T cells in colorectal cancer. OncoImmunology, 2017, 6, e1284720.	2.1	18
42	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
43	Take DAT, Flu!. Immunity, 2017, 47, 400-402.	6.6	6
44	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
45	Potential role of intratumor bacteria in mediating tumor resistance to the chemotherapeutic drug gemcitabine. Science, 2017, 357, 1156-1160.	6.0	1,059
46	Fluoride Depletes Acidogenic Taxa in Oral but Not Gut Microbial Communities in Mice. MSystems, 2017, 2, .	1.7	18
47	A single-cell survey of the small intestinal epithelium. Nature, 2017, 551, 333-339.	13.7	1,197
48	Fighting Fire with Fiber: Preventing T Cell Infiltration in Diabetes. Cell Metabolism, 2017, 26, 8-10.	7.2	0
49	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
50	Gut microbiota, metabolites and host immunity. Nature Reviews Immunology, 2016, 16, 341-352.	10.6	2,212
51	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
52	Gut Microbiota, Inflammation, and Colorectal Cancer. Annual Review of Microbiology, 2016, 70, 395-411.	2.9	448
53	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
54	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

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55	Fusobacterium nucleatum in Colorectal Carcinoma Tissue According to Tumor Location. Clinical and Translational Gastroenterology, 2016, 7, e200.	1.3	225
56	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
57	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
58	Tuft cells, taste-chemosensory cells, orchestrate parasite type 2 immunity in the gut. Science, 2016, 351, 1329-1333.	6.0	707
59	Ecological robustness of the gut microbiota in response to ingestion of transient food-borne microbes. ISME Journal, 2016, 10, 2235-2245.	4.4	187
60	<i>Fusobacterium nucleatum</i>in colorectal carcinoma tissue and patient prognosis. Gut, 2016, 65, 1973-1980.	6.1	718
61	Bacteroides, Prevotella, Porphyromonas, and Fusobacterium Species (and Other Medically Important) Tj ETQq1 1 0.784314 rgBT /Overl		16
62	<i>Fusobacterium nucleatum</i>and T Cells in Colorectal Carcinoma. JAMA Oncology, 2015, 1, 653.	3.4	498
63	Host microbiota constantly control maturation and function of microglia in the CNS. Nature Neuroscience, 2015, 18, 965-977.	7.1	2,340
64	Gut Microbiota and Intestinal Adaptive Immunity. , 2015, , 849-858.		0
65	Nutrients, Foods, and Colorectal Cancer Prevention. Gastroenterology, 2015, 148, 1244-1260.e16.	0.6	466
66	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
67	Microbiota organizationâ€"a key to understanding CRC development. Nature Reviews Gastroenterology and Hepatology, 2015, 12, 128-129.	8.2	28
68	From cell biology to the microbiome: An intentional infinite loop. Journal of Cell Biology, 2015, 210, 7-8.	2.3	7
69	CCL2 Promotes Colorectal Carcinogenesis by Enhancing Polymorphonuclear Myeloid-Derived Suppressor Cell Population and Function. Cell Reports, 2015, 12, 244-257.	2.9	287
70	Cancer and the microbiota. Science, 2015, 348, 80-86.	6.0	942
71	Nearâ€zero growth kinetics of <scp><i>P</i></scp><i>seudomonas putida</i> deduced from proteomic analysis. Environmental Microbiology, 2015, 17, 215-228.	1.8	18
72	Host lysozyme-mediated lysis of <i>Lactococcus lactis</i> 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

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73	Gas Gangrene and Other Clostridium-Associated Diseases. , 2015, , 2768-2772.		8
74	A reproducible approach to high-throughput biological data acquisition and integration. PeerJ, 2015, 3, e791.	0.9	12
75	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
76	Gut microbiome composition and function in experimental colitis during active disease and treatment-induced remission. ISME Journal, 2014, 8, 1403-1417.	4.4	352
77	Human microbiome science: vision for the future, Bethesda, MD, July 24 to 26, 2013. Microbiome, 2014, 2, .	4.9	25
78	Microbes, Microbiota, and Colon Cancer. Cell Host and Microbe, 2014, 15, 317-328.	5.1	659
79	Sequence-Based Discovery of<i>Bradyrhizobium enterica</i>in Cord Colitis Syndrome. New England Journal of Medicine, 2013, 369, 517-528.	13.9	148
80	Fusobacterium nucleatum Potentiates Intestinal Tumorigenesis and Modulates the Tumor-Immune Microenvironment. Cell Host and Microbe, 2013, 14, 207-215.	5.1	1,913
81	Functional profiling of the gut microbiome in disease-associated inflammation. Genome Medicine, 2013, 5, 65.	3.6	61
82	Kwashiorkor and the Gut Microbiota. New England Journal of Medicine, 2013, 368, 1746-1747.	13.9	18
83	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
84	The Microbial Metabolites, Short-Chain Fatty Acids, Regulate Colonic T _{reg} Cell Homeostasis. Science, 2013, 341, 569-573.	6.0	3,945
85	Microbes and Inflammation in Colorectal Cancer. Cancer Immunology Research, 2013, 1, 150-157.	1.6	54
86	Computational meta'omics for microbial community studies. Molecular Systems Biology, 2013, 9, 666.	3.2	253
87	Exploring hostâ€"microbiota interactions in animal models and humans. Genes and Development, 2013, 27, 701-718.	2.7	413
88	Genomic analysis identifies association of <i>Fusobacterium</i> with colorectal carcinoma. Genome Research, 2012, 22, 292-298.	2.4	1,587
89	Keystone microbiome meeting 2012: a mountain top experience. EMBO Reports, 2012, 13, 478-480.	2.0	1
90	A complex microworld in the gut: Gut microbiota and cardiovascular disease connectivity. Nature Medicine, 2012, 18, 1188-1189.	15.2	71

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91	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
92	Gut Microbiota and Intestinal Inflammation. Blood, 2012, 120, SCI-49-SCI-49.	0.6	0
93	Metagenomic biomarker discovery and explanation. Genome Biology, 2011, 12, R60.	13.9	11,192
94	The Gut Microbiota and Mucosal T Cells. Frontiers in Microbiology, 2011, 2, 111.	1.5	86
95	Host and gut microbiota symbiotic factors: lessons from inflammatory bowel disease and successful symbionts. Cellular Microbiology, 2011, 13, 508-517.	1.1	25
96	Current Concepts of the Intestinal Microbiota and the Pathogenesis of Infection. Current Infectious Disease Reports, 2011, 13, 28-34.	1.3	89
97	Severity of innate immune-mediated colitis is controlled by the cytokine deficiency-induced colitis susceptibility-1 (<i>Cdcs1</i>) locus. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7137-7141.	3.3	28
98	Bacteria, food, and cancer. F1000 Biology Reports, 2011, 3, 12.	4.0	15
99	<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> 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
100	Homeostasis and Inflammation in the Intestine. Cell, 2010, 140, 859-870.	13.5	671
101	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
102	Gas Gangrene and Other Clostridium-Associated Diseases. , 2010, , 3103-3109.		3
103	A Commitment to Lineage. Blood, 2010, 116, SCI-22-SCI-22.	0.6	0
104	Colitis-Associated Colorectal Cancer Driven by T-bet Deficiency in Dendritic Cells. Cancer Cell, 2009, 16, 208-219.	7.7	143
105	T-betâˆ’/âˆ’ RAG2âˆ’/âˆ’ ulcerative colitis: The role of T-bet as a peacekeeper of hostâ€“commensal relationships. Cytokine, 2009, 48, 144-147.	1.4	15
106	Communicable Ulcerative Colitis Induced by T-bet Deficiency in the Innate Immune System. Cell, 2007, 131, 33-45.	13.5	837
107	Activation of Lysosomal Function During Dendritic Cell Maturation. Science, 2003, 299, 1400-1403.	6.0	631
108	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

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109	Dendritic cell maturation triggers retrograde MHC class II transport from lysosomes to the plasma membrane. Nature, 2002, 418, 988-994.	13.7	395
110	Defective Antigen Processing in GILT-Free Mice. Science, 2001, 294, 1361-1365.	6.0	248
111	Studies of endocytosis. , 2001, , 213-cp1.		10
112	Developmental Control of Endocytosis in Dendritic Cells by Cdc42. Cell, 2000, 102, 325-334.	13.5	399
113	Transport of Peptide-MHC Class II Complexes in Developing Dendritic Cells. Science, 2000, 288, 522-527.	6.0	435
114	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