

# Eric G Pamer

## List of Publications by Year in descending order

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114  
papers

24,651  
citations

14655

66  
h-index

23533

111  
g-index

121  
all docs

121  
docs citations

121  
times ranked

27746  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expansion of intestinal <i>Prevotella copri</i> correlates with enhanced susceptibility to arthritis. <i>ELife</i> , 2013, 2, e01202.	6.0	1,507
2	Precision microbiome reconstitution restores bile acid mediated resistance to <i>Clostridium difficile</i> . <i>Nature</i> , 2015, 517, 205-208.	27.8	1,506
3	Microbiota-mediated colonization resistance against intestinal pathogens. <i>Nature Reviews Immunology</i> , 2013, 13, 790-801.	22.7	1,138
4	The cellular and molecular origin of tumor-associated macrophages. <i>Science</i> , 2014, 344, 921-925.	12.6	1,071
5	Intestinal microbiome analyses identify melanoma patients at risk for checkpoint-blockade-induced colitis. <i>Nature Communications</i> , 2016, 7, 10391.	12.8	784
6	Intestinal Domination and the Risk of Bacteremia in Patients Undergoing Allogeneic Hematopoietic Stem Cell Transplantation. <i>Clinical Infectious Diseases</i> , 2012, 55, 905-914.	5.8	779
7	Commensal microbiota affects ischemic stroke outcome by regulating intestinal $\gamma\delta$ T cells. <i>Nature Medicine</i> , 2016, 22, 516-523.	30.7	770
8	Vancomycin-resistant <i>Enterococcus</i> domination of intestinal microbiota is enabled by antibiotic treatment in mice and precedes bloodstream invasion in humans. <i>Journal of Clinical Investigation</i> , 2010, 120, 4332-4341.	8.2	756
9	Immune responses to <i>Listeria monocytogenes</i> . <i>Nature Reviews Immunology</i> , 2004, 4, 812-823.	22.7	726
10	The effects of intestinal tract bacterial diversity on mortality following allogeneic hematopoietic stem cell transplantation. <i>Blood</i> , 2014, 124, 1174-1182.	1.4	711
11	Antibiotic-Induced Changes in the Intestinal Microbiota and Disease. <i>Trends in Molecular Medicine</i> , 2016, 22, 458-478.	6.7	630
12	Intestinal <i>Blautia</i> Is Associated with Reduced Death from Graft-versus-Host Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 1373-1383.	2.0	619
13	Vancomycin-resistant enterococci exploit antibiotic-induced innate immune deficits. <i>Nature</i> , 2008, 455, 804-807.	27.8	553
14	Regulation of intestinal inflammation by microbiota following allogeneic bone marrow transplantation. <i>Journal of Experimental Medicine</i> , 2012, 209, 903-911.	8.5	552
15	The intestinal microbiota: Antibiotics, colonization resistance, and enteric pathogens. <i>Immunological Reviews</i> , 2017, 279, 90-105.	6.0	490
16	Ecological Modeling from Time-Series Inference: Insight into Dynamics and Stability of Intestinal Microbiota. <i>PLoS Computational Biology</i> , 2013, 9, e1003388.	3.2	487
17	Profound Alterations of Intestinal Microbiota following a Single Dose of Clindamycin Results in Sustained Susceptibility to <i>Clostridium difficile</i> -Induced Colitis. <i>Infection and Immunity</i> , 2012, 80, 62-73.	2.2	473
18	Interleukin 23 Production by Intestinal CD103+CD11b+ Dendritic Cells in Response to Bacterial Flagellin Enhances Mucosal Innate Immune Defense. <i>Immunity</i> , 2012, 36, 276-287.	14.3	450

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19	Clostridium difficile colitis: pathogenesis and host defence. Nature Reviews Microbiology, 2016, 14, 609-620.	28.6	436
20	Microbiota as Predictor of Mortality in Allogeneic Hematopoietic-Cell Transplantation. New England Journal of Medicine, 2020, 382, 822-834.	27.0	435
21	Increased GVHD-related mortality with broad-spectrum antibiotic use after allogeneic hematopoietic stem cell transplantation in human patients and mice. Science Translational Medicine, 2016, 8, 339ra71.	12.4	404
22	Intestinal Microbiota Containing Barnesiella Species Cures Vancomycin-Resistant Enterococcus faecium Colonization. Infection and Immunity, 2013, 81, 965-973.	2.2	391
23	MyD88-mediated signals induce the bactericidal lectin RegIII $\beta$ and protect mice against intestinal <i>Listeria monocytogenes</i> infection. Journal of Experimental Medicine, 2007, 204, 1891-1900.	8.5	342
24	Resurrecting the intestinal microbiota to combat antibiotic-resistant pathogens. Science, 2016, 352, 535-538.	12.6	341
25	Inflammatory Monocytes Facilitate Adaptive CD4 T Cell Responses during Respiratory Fungal Infection. Cell Host and Microbe, 2009, 6, 470-481.	11.0	301
26	Familial transmission rather than defective innate immunity shapes the distinct intestinal microbiota of TLR-deficient mice. Journal of Experimental Medicine, 2012, 209, 1445-1456.	8.5	295
27	Reconstitution of the gut microbiota of antibiotic-treated patients by autologous fecal microbiota transplant. Science Translational Medicine, 2018, 10, .	12.4	258
28	Intestinal Microbiota and Relapse After Hematopoietic-Cell Transplantation. Journal of Clinical Oncology, 2017, 35, 1650-1659.	1.6	252
29	Innate Immune Defenses Mediated by Two ILC Subsets Are Critical for Protection against Acute Clostridium difficile Infection. Cell Host and Microbe, 2015, 18, 27-37.	11.0	240
30	Cooperating Commensals Restore Colonization Resistance to Vancomycin-Resistant Enterococcus faecium. Cell Host and Microbe, 2017, 21, 592-602.e4.	11.0	237
31	Short- and long-term effects of oral vancomycin on the human intestinal microbiota. Journal of Antimicrobial Chemotherapy, 2017, 72, 128-136.	3.0	233
32	Microbiota-Mediated Inflammation and Antimicrobial Defense in the Intestine. Annual Review of Immunology, 2015, 33, 227-256.	21.8	227
33	Nfil3 is crucial for development of innate lymphoid cells and host protection against intestinal pathogens. Journal of Experimental Medicine, 2014, 211, 1723-1731.	8.5	219
34	Lactose drives <i>Enterococcus</i> expansion to promote graft-versus-host disease. Science, 2019, 366, 1143-1149.	12.6	217
35	Functional and Genomic Variation between Human-Derived Isolates of Lachnospiraceae Reveals Inter- and Intra-Species Diversity. Cell Host and Microbe, 2020, 28, 134-146.e4.	11.0	210
36	Bacterial Flagellin Stimulates Toll-Like Receptor 5-Dependent Defense against Vancomycin-Resistant <i>Enterococcus</i> Infection. Journal of Infectious Diseases, 2010, 201, 534-543.	4.0	209

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37	Microbiota Disruption Induced by Early Use of Broad-Spectrum Antibiotics Is an Independent Risk Factor of Outcome after Allogeneic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 845-852.	2.0	183
38	Interbacterial mechanisms of colonization resistance and the strategies pathogens use to overcome them. <i>Mucosal Immunology</i> , 2019, 12, 1-9.	6.0	177
39	Microbiota-derived lantibiotic restores resistance against vancomycin-resistant <i>Enterococcus</i> . <i>Nature</i> , 2019, 572, 665-669.	27.8	176
40	Commensal microbes provide first line defense against <i>Listeria monocytogenes</i> infection. <i>Journal of Experimental Medicine</i> , 2017, 214, 1973-1989.	8.5	173
41	Third-party fecal microbiota transplantation following allo-HCT reconstitutes microbiome diversity. <i>Blood Advances</i> , 2018, 2, 745-753.	5.2	167
42	Microbiome-based therapeutics. <i>Nature Reviews Microbiology</i> , 2022, 20, 365-380.	28.6	165
43	Loss of Microbiota-Mediated Colonization Resistance to <i>Clostridium difficile</i> Infection With Oral Vancomycin Compared With Metronidazole. <i>Journal of Infectious Diseases</i> , 2015, 212, 1656-1665.	4.0	157
44	From Hype to Hope: The Gut Microbiota in Enteric Infectious Disease. <i>Cell</i> , 2015, 163, 1326-1332.	28.9	156
45	Impact of gut colonization with butyrate producing microbiota on respiratory viral infection following allo-HCT. <i>Blood</i> , 2018, 131, blood-2018-01-828996.	1.4	155
46	Immune responses to commensal and environmental microbes. <i>Nature Immunology</i> , 2007, 8, 1173-1178.	14.5	150
47	Innate Lymphocyte/Ly6C hi Monocyte Crosstalk Promotes <i>Klebsiella Pneumoniae</i> Clearance. <i>Cell</i> , 2016, 165, 679-689.	28.9	147
48	Inhibiting antibiotic-resistant Enterobacteriaceae by microbiota-mediated intracellular acidification. <i>Journal of Experimental Medicine</i> , 2019, 216, 84-98.	8.5	135
49	Gut Microbiota and Tacrolimus Dosing in Kidney Transplantation. <i>PLoS ONE</i> , 2015, 10, e0122399.	2.5	133
50	Critical Role for MyD88-Mediated Neutrophil Recruitment during <i>Clostridium difficile</i> Colitis. <i>Infection and Immunity</i> , 2012, 80, 2989-2996.	2.2	132
51	Enterococci and Their Interactions with the Intestinal Microbiome. <i>Microbiology Spectrum</i> , 2017, 5, .	3.0	131
52	Gut uropathogen abundance is a risk factor for development of bacteriuria and urinary tract infection. <i>Nature Communications</i> , 2019, 10, 5521.	12.8	123
53	Toll-Like Receptor 5 Stimulation Protects Mice from Acute <i>Clostridium difficile</i> Colitis. <i>Infection and Immunity</i> , 2011, 79, 1498-1503.	2.2	120
54	The Changing Epidemiology of Vancomycin-Resistant <i>Enterococcus</i> (VRE) Bacteremia in Allogeneic Hematopoietic Stem Cell Transplant (HSCT) Recipients. <i>Biology of Blood and Marrow Transplantation</i> , 2010, 16, 1576-1581.	2.0	118

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55	Gut microbiome correlates of response and toxicity following anti-CD19 CAR T cell therapy. <i>Nature Medicine</i> , 2022, 28, 713-723.	30.7	117
56	Commensal bacteria mediated defenses against pathogens. <i>Current Opinion in Immunology</i> , 2014, 29, 16-22.	5.5	115
57	Distinct Contributions of Neutrophils and CCR2 <sup>+</sup> Monocytes to Pulmonary Clearance of Different <i>Klebsiella pneumoniae</i> Strains. <i>Infection and Immunity</i> , 2015, 83, 3418-3427.	2.2	115
58	The intestinal microbiota and susceptibility to infection in immunocompromised patients. <i>Current Opinion in Infectious Diseases</i> , 2013, 26, 332-337.	3.1	114
59	Absence of MHC class II on cDCs results in microbial-dependent intestinal inflammation. <i>Journal of Experimental Medicine</i> , 2016, 213, 517-534.	8.5	110
60	Fecal microbiota transplantation: effectiveness, complexities, and lingering concerns. <i>Mucosal Immunology</i> , 2014, 7, 210-214.	6.0	101
61	Distinct but Spatially Overlapping Intestinal Niches for Vancomycin-Resistant <i>Enterococcus faecium</i> and Carbapenem-Resistant <i>Klebsiella pneumoniae</i> . <i>PLoS Pathogens</i> , 2015, 11, e1005132.	4.7	100
62	The microbe-derived short-chain fatty acids butyrate and propionate are associated with protection from chronic GVHD. <i>Blood</i> , 2020, 136, 130-136.	1.4	97
63	Nutritional Support from the Intestinal Microbiota Improves Hematopoietic Reconstitution after Bone Marrow Transplantation in Mice. <i>Cell Host and Microbe</i> , 2018, 23, 447-457.e4.	11.0	86
64	Protective Factors in the Intestinal Microbiome Against <i>Clostridium difficile</i> Infection in Recipients of Allogeneic Hematopoietic Stem Cell Transplantation. <i>Journal of Infectious Diseases</i> , 2017, 215, 1117-1123.	4.0	81
65	Control of T cell antigen reactivity via programmed TCR downregulation. <i>Nature Immunology</i> , 2016, 17, 379-386.	14.5	79
66	TLR-7 activation enhances IL-22-mediated colonization resistance against vancomycin-resistant enterococcus. <i>Science Translational Medicine</i> , 2016, 8, 327ra25.	12.4	77
67	Compositional Flux Within the Intestinal Microbiota and Risk for Bloodstream Infection With Gram-negative Bacteria. <i>Clinical Infectious Diseases</i> , 2021, 73, e4627-e4635.	5.8	74
68	Inflammatory Monocytes Promote Perineural Invasion via CCL2-Mediated Recruitment and Cathepsin B Expression. <i>Cancer Research</i> , 2017, 77, 6400-6414.	0.9	73
69	Microbiome mediation of infections in the cancer setting. <i>Genome Medicine</i> , 2016, 8, 40.	8.2	71
70	Gut microbiota dysbiosis and diarrhea in kidney transplant recipients. <i>American Journal of Transplantation</i> , 2019, 19, 488-500.	4.7	70
71	The oral microbiota in patients with pancreatic cancer, patients with IPMNs, and controls: a pilot study. <i>Cancer Causes and Control</i> , 2017, 28, 959-969.	1.8	69
72	Early <i>Clostridium difficile</i> Infection during Allogeneic Hematopoietic Stem Cell Transplantation. <i>PLoS ONE</i> , 2014, 9, e90158.	2.5	69

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73	Intestinal and Splenic T Cell Responses to Enteric <i>Listeria monocytogenes</i> Infection: Distinct Repertoires of Responding CD8 T Lymphocytes. <i>Journal of Immunology</i> , 2001, 166, 4065-4073.	0.8	64
74	Rapid transcriptional and metabolic adaptation of intestinal microbes to host immune activation. <i>Cell Host and Microbe</i> , 2021, 29, 378-393.e5.	11.0	52
75	Monocytes and infection: Modulator, messenger and effector. <i>Immunobiology</i> , 2015, 220, 210-214.	1.9	51
76	Pathogenicity Locus, Core Genome, and Accessory Gene Contributions to <i>Clostridium difficile</i> Virulence. <i>MBio</i> , 2017, 8, .	4.1	51
77	Enlisting commensal microbes to resist antibiotic-resistant pathogens. <i>Journal of Experimental Medicine</i> , 2019, 216, 10-19.	8.5	51
78	Role of intestinal microbiota in transplantation outcomes. <i>Best Practice and Research in Clinical Haematology</i> , 2015, 28, 155-161.	1.7	50
79	Minimal residual disease negativity in multiple myeloma is associated with intestinal microbiota composition. <i>Blood Advances</i> , 2019, 3, 2040-2044.	5.2	50
80	A protective Langerhans cell-keratinocyte axis that is dysfunctional in photosensitivity. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	48
81	Microbiota-Based Therapies for <i>Clostridium difficile</i> and Antibiotic-Resistant Enteric Infections. <i>Annual Review of Microbiology</i> , 2017, 71, 157-178.	7.3	45
82	Intestinal Bile Acids Induce a Morphotype Switch in Vancomycin-Resistant Enterococcus that Facilitates Intestinal Colonization. <i>Cell Host and Microbe</i> , 2019, 25, 695-705.e5.	11.0	45
83	Harnessing Microbiota to Kill a Pathogen: Fixing the microbiota to treat <i>Clostridium difficile</i> infections. <i>Nature Medicine</i> , 2014, 20, 246-247.	30.7	42
84	Fecal microbiota diversity disruption and clinical outcomes after auto-HCT: a multicenter observational study. <i>Blood</i> , 2021, 137, 1527-1537.	1.4	42
85	Butyrate-producing gut bacteria and viral infections in kidney transplant recipients: A pilot study. <i>Transplant Infectious Disease</i> , 2019, 21, e13180.	1.7	41
86	Multifaceted Defense against <i>Listeria monocytogenes</i> in the Gastro-Intestinal Lumen. <i>Pathogens</i> , 2018, 7, 1.	2.8	40
87	Could microbial therapy boost cancer immunotherapy?. <i>Science</i> , 2015, 350, 1031-1032.	12.6	36
88	Celecoxib Alters the Intestinal Microbiota and Metabolome in Association with Reducing Polyp Burden. <i>Cancer Prevention Research</i> , 2016, 9, 721-731.	1.5	35
89	Diversification and Evolution of Vancomycin-Resistant <i>Enterococcus faecium</i> during Intestinal Domination. <i>Infection and Immunity</i> , 2019, 87, .	2.2	33
90	Genome-Wide Screening for Enteric Colonization Factors in Carbapenem-Resistant ST258 <i>Klebsiella pneumoniae</i> . <i>MBio</i> , 2019, 10, .	4.1	32

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91	Bile acid sensitivity and inÂvivo virulence of clinical Clostridium difficile isolates. Anaerobe, 2016, 41, 32-36.	2.1	25
92	Transmission of Clostridium difficile During Hospitalization for Allogeneic Stem Cell Transplant. Infection Control and Hospital Epidemiology, 2016, 37, 8-15.	1.8	24
93	Tipping the balance in favor of protective immunity during influenza virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4961-4962.	7.1	23
94	Gastrointestinal pathogen colonization and the microbiome in asymptomatic kidney transplant recipients. Transplant Infectious Disease, 2019, 21, e13167.	1.7	21
95	Compilation of longitudinal microbiota data and hospitalome from hematopoietic cell transplantation patients. Scientific Data, 2021, 8, 71.	5.3	19
96	Antibiotic Degradation by Commensal Microbes Shields Pathogens. Infection and Immunity, 2020, 88, .	2.2	17
97	Impact of Antibiotic-Resistant Bacteria on Immune Activation and Clostridioides difficile Infection in the Mouse Intestine. Infection and Immunity, 2020, 88, .	2.2	15
98	Enhancing mucosal immunity by transient microbiota depletion. Nature Communications, 2020, 11, 4475.	12.8	12
99	A compilation of fecal microbiome shotgun metagenomics from hematopoietic cell transplantation patients. Scientific Data, 2022, 9, 219.	5.3	11
100	TAM mediates adaptation of carbapenem-resistant Klebsiella pneumoniae to antimicrobial stress during host colonization and infection. PLoS Pathogens, 2021, 17, e1009309.	4.7	10
101	Complete Genome Sequence of Enterococcus faecium ATCC 700221. Genome Announcements, 2016, 4, .	0.8	9
102	Loss of Microbiota Diversity after Autologous Stem Cell Transplant Is Comparable to Injury in Allogeneic Stem Cell Transplant. Blood, 2018, 132, 608-608.	1.4	9
103	Impact of the Intestinal Microbiota on Infections and Survival Following Hematopoietic Stem Cell Transplantation. Blood, 2014, 124, SCI-48-SCI-48.	1.4	8
104	Enterococci and Their Interactions with the Intestinal Microbiome. , 2018, , 309-330.		7
105	A multisite genomic epidemiology study of Clostridioides difficile infections in the USA supports differential roles of healthcare versus community spread for two common strains. Microbial Genomics, 2021, 7, .	2.0	6
106	Outbreaks of Typhlocolitis Caused by Hypervirulent Group ST1 Clostridioides difficile in Highly Immunocompromised Strains of Mice. Comparative Medicine, 2020, 70, 277-290.	1.0	5
107	Immunological Memory and Infection. , 2014, , 175-189.		4
108	Cervicovaginal bacterial communities in reproductive-aged Tanzanian women with <i>Schistosoma mansoni</i>, <i>Schistosoma haematobium</i>, or without schistosome infection. ISME Journal, 2021, 15, 1539-1550.	9.8	4

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109	Monocyte Reconstitution and Gut Microbiota Composition after Hematopoietic Stem Cell Transplantation. <i>Clinical Hematology International</i> , 2020, 2, 156.	1.7	4
110	A spoonful of sugar could be the medicine. <i>Nature</i> , 2017, 546, 479-480.	27.8	3
111	Distinct behavior of myelomonocytic cells and CD8 T cells underlies the hepatic response to <i>Listeria monocytogenes</i> . <i>Wellcome Open Research</i> , 2018, 3, 48.	1.8	3
112	The effects of amine-modified single-walled carbon nanotubes on the mouse microbiota. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5275-5286.	6.7	2
113	CD4+ T-Cell Responses to <i>Aspergillus fumigatus</i> . , 0, , 263-277.		1
114	Identification of the gastric microbiome from endoscopic biopsy samples using whole genome sequencing.. <i>Journal of Clinical Oncology</i> , 2015, 33, 8-8.	1.6	0