

Michael L Bailey

List of Publications by Year in descending order

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67
papers

4,594
citations

117625

34
h-index

114465

63
g-index

68
all docs

68
docs citations

68
times ranked

5475
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure to a social stressor alters the structure of the intestinal microbiota: Implications for stressor-induced immunomodulation. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 397-407.	4.1	929
2	Stressor Exposure Disrupts Commensal Microbial Populations in the Intestines and Leads to Increased Colonization by <i>Citrobacter rodentium</i> . <i>Infection and Immunity</i> , 2010, 78, 1509-1519.	2.2	317
3	Exposure to a social stressor disrupts the community structure of the colonic mucosa-associated microbiota. <i>BMC Microbiology</i> , 2014, 14, 189.	3.3	292
4	Prenatal Stress Alters Bacterial Colonization of the Gut in Infant Monkeys. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004, 38, 414-421.	1.8	288
5	The prebiotics 3- <i>Sialyllactose</i> and 6- <i>Sialyllactose</i> diminish stressor-induced anxiety-like behavior and colonic microbiota alterations: Evidence for effects on the gut-brain axis. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 166-177.	4.1	233
6	Maternal Obesity Is Associated with Alterations in the Gut Microbiome in Toddlers. <i>PLoS ONE</i> , 2014, 9, e113026.	2.5	149
7	Gut microbiome composition is associated with temperament during early childhood. <i>Brain, Behavior, and Immunity</i> , 2015, 45, 118-127.	4.1	148
8	Prenatal stress affects placental cytokines and neurotrophins, commensal microbes, and anxiety-like behavior in adult female offspring. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 50-58.	4.1	144
9	Stress induces the translocation of cutaneous and gastrointestinal microflora to secondary lymphoid organs of C57BL/6 mice. <i>Journal of Neuroimmunology</i> , 2006, 171, 29-37.	2.3	114
10	Repeated social defeat increases the bactericidal activity of splenic macrophages through a Toll-like receptor-dependent pathway. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1180-R1190.	1.8	101
11	Impact of stressor exposure on the interplay between commensal microbiota and host inflammation. <i>Gut Microbes</i> , 2014, 5, 390-396.	9.8	98
12	The structures of the colonic mucosa-associated and luminal microbial communities are distinct and differentially affected by a prolonged murine stressor. <i>Gut Microbes</i> , 2014, 5, 748-760.	9.8	91
13	Marital distress, depression, and a leaky gut: Translocation of bacterial endotoxin as a pathway to inflammation. <i>Psychoneuroendocrinology</i> , 2018, 98, 52-60.	2.7	83
14	Prenatal stress disrupts social behavior, cortical neurobiology and commensal microbes in adult male offspring. <i>Behavioural Brain Research</i> , 2019, 359, 886-894.	2.2	82
15	The human gut microbiome and health inequities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	82
16	Social stress enhances IL-1 β and TNF- α production by <i>Porphyromonas gingivalis</i> lipopolysaccharide-stimulated CD11b+ cells. <i>Physiology and Behavior</i> , 2009, 98, 351-358.	2.1	80
17	Social Stress Enhances Allergen-Induced Airway Inflammation in Mice and Inhibits Corticosteroid Responsiveness of Cytokine Production. <i>Journal of Immunology</i> , 2009, 182, 7888-7896.	0.8	76
18	Gut microbiota-immune-brain interactions in chemotherapy-associated behavioral comorbidities. <i>Cancer</i> , 2018, 124, 3990-3999.	4.1	73

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19	Influence of Stressor-Induced Nervous System Activation on the Intestinal Microbiota and the Importance for Immunomodulation. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 255-276.	1.6	69
20	Photoperiod modulates gut bacteria composition in male Siberian hamsters (<i>Phodopus sungorus</i>). <i>Brain, Behavior, and Immunity</i> , 2010, 24, 577-584.	4.1	68
21	<i>Fusobacterium</i> 's link to colorectal neoplasia sequenced: A systematic review and future insights. <i>World Journal of Gastroenterology</i> , 2017, 23, 8626-8650.	3.3	64
22	Physical defeat reduces the sensitivity of murine splenocytes to the suppressive effects of corticosterone. <i>Brain, Behavior, and Immunity</i> , 2004, 18, 416-424.	4.1	63
23	The role of the commensal microbiota in adaptive and maladaptive stressor-induced immunomodulation. <i>Hormones and Behavior</i> , 2017, 88, 70-78.	2.1	59
24	The contributing role of the intestinal microbiota in stressor-induced increases in susceptibility to enteric infection and systemic immunomodulation. <i>Hormones and Behavior</i> , 2012, 62, 286-294.	2.1	55
25	Stress and the Commensal Microbiota: Importance in Parturition and Infant Neurodevelopment. <i>Frontiers in Psychiatry</i> , 2015, 6, 5.	2.6	53
26	Stressor-Induced Increase in Microbicidal Activity of Splenic Macrophages Is Dependent upon Peroxynitrite Production. <i>Infection and Immunity</i> , 2012, 80, 3429-3437.	2.2	51
27	Prenatal stress causes intrauterine inflammation and serotonergic dysfunction, and long-term behavioral deficits through microbe- and CCL2-dependent mechanisms. <i>Translational Psychiatry</i> , 2020, 10, 191.	4.8	50
28	Exposure to a Social Stressor Induces Translocation of Commensal Lactobacilli to the Spleen and Priming of the Innate Immune System. <i>Journal of Immunology</i> , 2017, 198, 2383-2393.	0.8	49
29	An enhanced <i>Lactobacillus reuteri</i> biofilm formulation that increases protection against experimental necrotizing enterocolitis. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G408-G419.	3.4	43
30	The commensal microbiota exacerbate infectious colitis in stressor-exposed mice. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 44-50.	4.1	42
31	Social Stress Affects Colonic Inflammation, the Gut Microbiome, and Short-Chain Fatty Acid Levels and Receptors. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 68, 533-540.	1.8	41
32	Effects of Stress on Commensal Microbes and Immune System Activity. <i>Advances in Experimental Medicine and Biology</i> , 2016, 874, 289-300.	1.6	38
33	Stressor exposure has prolonged effects on colonic microbial community structure in <i>Citrobacter rodentium</i> -challenged mice. <i>Scientific Reports</i> , 2017, 7, 45012.	3.3	38
34	Enhanced Probiotic Potential of <i>Lactobacillus reuteri</i> When Delivered as a Biofilm on Dextranomer Microspheres That Contain Beneficial Cargo. <i>Frontiers in Microbiology</i> , 2017, 8, 489.	3.5	36
35	Prolonged restraint stressor exposure in outbred CD-1 mice impacts microbiota, colonic inflammation, and short chain fatty acids. <i>PLoS ONE</i> , 2018, 13, e0196961.	2.5	36
36	Psychological Stress, Immunity, and the Effects on Indigenous Microflora. <i>Advances in Experimental Medicine and Biology</i> , 2016, 874, 225-246.	1.6	31

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37	The microbiome as a key regulator of brain, behavior and immunity: Commentary on the 2017 named series. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 18-22.	4.1	31
38	Ribonuclease 7 Shields the Kidney and Bladder from Invasive Uropathogenic <i>Escherichia coli</i> Infection. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1385-1397.	6.1	24
39	Age and environmental exposures influence the fecal bacteriome of young children with cystic fibrosis. <i>Pediatric Pulmonology</i> , 2020, 55, 1661-1670.	2.0	22
40	Psychological stress disrupts intestinal epithelial cell function and mucosal integrity through microbe and host-directed processes. <i>Gut Microbes</i> , 2022, 14, 2035661.	9.8	19
41	The Impact of Dietary Energy Intake Early in Life on the Colonic Microbiota of Adult Mice. <i>Scientific Reports</i> , 2016, 6, 19083.	3.3	18
42	Development of a Standardized Scoring System to Assess a Murine Model of <i>Clostridium difficile</i> Colitis. <i>Journal of Investigative Surgery</i> , 2020, 33, 887-895.	1.3	18
43	Fecal microbiota and metabolites are distinct in a pilot study of pediatric Crohn's disease patients with higher levels of perceived stress. <i>Psychoneuroendocrinology</i> , 2020, 111, 104469.	2.7	18
44	A novel probiotic therapeutic in a murine model of <i>Clostridioides difficile</i> colitis. <i>Gut Microbes</i> , 2020, 12, 1814119.	9.8	18
45	Accurate and reliable quantitation of short chain fatty acids from human feces by ultra high-performance liquid chromatography-high resolution mass spectrometry (UPLC-HRMS). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 200, 114066.	2.8	18
46	A descriptive analysis of gut microbiota composition in differentially reared infant rhesus monkeys (<i>Macaca mulatta</i>) across the first 6 months of life. <i>American Journal of Primatology</i> , 2019, 81, e22969.	1.7	17
47	<i>Lactobacillus reuteri</i> in Its Biofilm State Improves Protection from Experimental Necrotizing Enterocolitis. <i>Nutrients</i> , 2021, 13, 918.	4.1	17
48	Dietary Oligosaccharides Attenuate Stress-Induced Disruptions in Immune Reactivity and Microbial B-Vitamin Metabolism. <i>Frontiers in Immunology</i> , 2019, 10, 1774.	4.8	14
49	Antibacterial and anti-inflammatory effects of <i>Lactobacillus reuteri</i> in its biofilm state contribute to its beneficial effects in a rat model of experimental necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , 2022, 57, 1382-1390.	1.6	14
50	The gut reaction to couples' relationship troubles: A route to gut dysbiosis through changes in depressive symptoms. <i>Psychoneuroendocrinology</i> , 2021, 125, 105132.	2.7	11
51	Afternoon distraction: a high-saturated-fat meal and endotoxemia impact postmeal attention in a randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 1150-1158.	4.7	9
52	Stress-induced Norepinephrine Downregulates CCL2 in Macrophages to Suppress Tumor Growth in a Model of Malignant Melanoma. <i>Cancer Prevention Research</i> , 2020, 13, 747-760.	1.5	9
53	Immunization with a Biofilm-Disrupting Nontypeable <i>Haemophilus influenzae</i> Vaccine Antigen Did Not Alter the Gut Microbiome in Chinchillas, Unlike Oral Delivery of a Broad-Spectrum Antibiotic Commonly Used for Otitis Media. <i>MSphere</i> , 2020, 5, .	2.9	8
54	Endotoxemia coupled with heightened inflammation predicts future depressive symptoms. <i>Psychoneuroendocrinology</i> , 2020, 122, 104864.	2.7	7

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55	Mice Deficient in Epithelial or Myeloid Cell β 2 Have Distinct Colonic Microbiomes and Increased Resistance to <i>Citrobacter rodentium</i> Infection. <i>Frontiers in Immunology</i> , 2019, 10, 2062.	4.8	6
56	<i>Lactobacillus reuteri</i> in its biofilm state promotes neurodevelopment after experimental necrotizing enterocolitis in rats. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 14, 100256.	2.5	6
57	Stressor-Induced Reduction in Cognitive Behavior is Associated with Impaired Colonic Mucus Layer Integrity and is Dependent Upon the LPS-Binding Protein Receptor CD14. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 1617-1635.	3.5	6
58	The Impact of Bariatric Surgery on Short Term Risk of <i>Clostridium Difficile</i> Admissions. <i>Obesity Surgery</i> , 2018, 28, 2006-2013.	2.1	4
59	The gut connection: Intestinal permeability as a pathway from breast cancer survivors' relationship satisfaction to inflammation across treatment. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 145-154.	4.1	4
60	Mammary tumors alter the fecal bacteriome and permit enteric bacterial translocation. <i>BMC Cancer</i> , 2022, 22, 245.	2.6	4
61	Polyethylene Glycol 3350 Changes Stool Consistency and the Microbiome but not Behavior of CD1 Mice. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 73, 499-506.	1.8	3
62	The Effects of Psychological Stressors on the Intestinal Microbiota. <i>Bioscience and Microflora</i> , 2009, 28, 125-134.	0.5	2
63	Dietary Tomato Varieties Similarly Inhibit Prostate Carcinogenesis in the TRAMP Model in Association with Distinct Transcriptomic and Metabolomic Profiles. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa044_025.	0.3	1
64	Stress, asthma, and infection: Putting the pieces together. <i>Brain, Behavior, and Immunity</i> , 2013, 29, 9-10.	4.1	0
65	P-137 <i>Citrobacter Rodentium</i> and Social Stressor Exposure Impacts Colonic Inflammation and Short Chain Fatty Acid Receptor Expression. <i>Inflammatory Bowel Diseases</i> , 2016, 22, S52.	1.9	0
66	A High-Fiber Diet Intervention Improves Diet Quality and Is Related to Blood Pressure and Bacteriome Composition in Caregiver-Child Dyads. <i>Current Developments in Nutrition</i> , 2021, 5, 1168.	0.3	0
67	Mechanisms of social stress enhancement of virus-specific immune memory. <i>FASEB Journal</i> , 2008, 22, 857.17.	0.5	0