Michael L Bailey

List of Publications by Year
in descending order

67	4,594	117571 34	114418 63
papers	citations	h-index	g-index

68	68	68	5475
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antibacterial and anti-inflammatory effects of Lactobacillus reuteri in its biofilm state contribute to its beneficial effects in a rat model of experimental necrotizing enterocolitis. Journal of Pediatric Surgery, 2022, 57, 1382-1390.	0.8	14
2	The gut connection: Intestinal permeability as a pathway from breast cancer survivorsâ€™ relationship satisfaction to inflammation across treatment. Brain, Behavior, and Immunity, 2022, 100, 145-154.	2.0	4
3	Psychological stress disrupts intestinal epithelial cell function and mucosal integrity through microbe and host-directed processes. Gut Microbes, 2022, 14, 2035661.	4.3	19
4	Mammary tumors alter the fecal bacteriome and permit enteric bacterial translocation. BMC Cancer, 2022, 22, 245.	1.1	4
5	Stressor-Induced Reduction in Cognitive Behavior is Associated with Impaired Colonic Mucus Layer Integrity and is Dependent Upon the LPS-Binding Protein Receptor CD14. Journal of Inflammation Research, 2022, Volume 15, 1617-1635.	1.6	6
6	The gut reaction to couplesâ€™ relationship troubles: A route to gut dysbiosis through changes in depressive symptoms. Psychoneuroendocrinology, 2021, 125, 105132.	1.3	11
7	Lactobacillus reuteri in Its Biofilm State Improves Protection from Experimental Necrotizing Enterocolitis. Nutrients, 2021, 13, 918.	1.7	17
8	A High-Fiber Diet Intervention Improves Diet Quality and Is Related to Blood Pressure and Bacteriome Composition in Caregiver-Child Dyads. Current Developments in Nutrition, 2021, 5, 1168.	0.1	0
9	Accurate and reliable quantitation of short chain fatty acids from human feces by ultra high-performance liquid chromatography-high resolution mass spectrometry (UPLC-HRMS). Journal of Pharmaceutical and Biomedical Analysis, 2021, 200, 114066.	1.4	18
10	The human gut microbiome and health inequities. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	82
11	Polyethylene Glycol 3350 Changes Stool Consistency and the Microbiome but not Behavior of CD1 Mice. Journal of Pediatric Gastroenterology and Nutrition, 2021, 73, 499-506.	0.9	3
12	Lactobacillus reuteri in its biofilm state promotes neurodevelopment after experimental necrotizing enterocolitis in rats. Brain, Behavior, & Immunity - Health, 2021, 14, 100256.	1.3	6
13	Development of a Standardized Scoring System to Assess a Murine Model of Clostridium difficile Colitis. Journal of Investigative Surgery, 2020, 33, 887-895.	0.6	18
14	Fecal microbiota and metabolites are distinct in a pilot study of pediatric Crohnâ€™s disease patients with higher levels of perceived stress. Psychoneuroendocrinology, 2020, 111, 104469.	1.3	18
15	Endotoxemia coupled with heightened inflammation predicts future depressive symptoms. Psychoneuroendocrinology, 2020, 122, 104864.	1.3	7
16	A novel probiotic therapeutic in a murine model of Clostridioides difficile colitis. Gut Microbes, 2020, 12, 1814119.	4.3	18
17	Dietary Tomato Varieties Similarly Inhibit Prostate Carcinogenesis in the TRAMP Model in Association with Distinct Transcriptomic and Metabolomic Profiles. Current Developments in Nutrition, 2020, 4, nzaa044_025.	0.1	1
18	Afternoon distraction: a high-saturated-fat meal and endotoxemia impact postmeal attention in a randomized crossover trial. American Journal of Clinical Nutrition, 2020, 111, 1150-1158.	2.2	9

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19	Stress-induced Norepinephrine Downregulates CCL2 in Macrophages to Suppress Tumor Growth in a Model of Malignant Melanoma. Cancer Prevention Research, 2020, 13, 747-760.	0.7	9
20	Prenatal stress causes intrauterine inflammation and serotonergic dysfunction, and long-term behavioral deficits through microbe- and CCL2-dependent mechanisms. Translational Psychiatry, 2020, 10, 191.	2.4	50
21	Age and environmental exposures influence the fecal bacteriome of young children with cystic fibrosis. Pediatric Pulmonology, 2020, 55, 1661-1670.	1.0	22
22	Immunization with a Biofilm-Disrupting Nontypeable Haemophilus influenzae Vaccine Antigen Did Not Alter the Gut Microbiome in Chinchillas, Unlike Oral Delivery of a Broad-Spectrum Antibiotic Commonly Used for Otitis Media. MSphere, 2020, 5, .	1.3	8
23	Prenatal stress disrupts social behavior, cortical neurobiology and commensal microbes in adult male offspring. Behavioural Brain Research, 2019, 359, 886-894.	1.2	82
24	Dietary Oligosaccharides Attenuate Stress-Induced Disruptions in Immune Reactivity and Microbial B-Vitamin Metabolism. Frontiers in Immunology, 2019, 10, 1774.	2.2	14
25	Mice Deficient in Epithelial or Myeloid Cell Îº1Îº2 Have Distinct Colonic Microbiomes and Increased Resistance to Citrobacter rodentium Infection. Frontiers in Immunology, 2019, 10, 2062.	2.2	6
26	Ribonuclease 7 Shields the Kidney and Bladder from Invasive Uropathogenic Escherichia coli Infection. Journal of the American Society of Nephrology: JASN, 2019, 30, 1385-1397.	3.0	24
27	A descriptive analysis of gut microbiota composition in differentially reared infant rhesus monkeys (Macaca mulatta) across the first 6 months of life. American Journal of Primatology, 2019, 81, e22969.	0.8	17
28	Social Stress Affects Colonic Inflammation, the Gut Microbiome, and Shortâ€chain Fatty Acid Levels and Receptors. Journal of Pediatric Gastroenterology and Nutrition, 2019, 68, 533-540.	0.9	41
29	Prolonged restraint stressor exposure in outbred CD-1 mice impacts microbiota, colonic inflammation, and short chain fatty acids. PLoS ONE, 2018, 13, e0196961.	1.1	36
30	Gut microbiotaâ€immuneâ€brain interactions in chemotherapyâ€associated behavioral comorbidities. Cancer, 2018, 124, 3990-3999.	2.0	73
31	An enhancedLactobacillus reuteribiofilm formulation that increases protection against experimental necrotizing enterocolitis. American Journal of Physiology - Renal Physiology, 2018, 315, G408-G419.	1.6	43
32	Marital distress, depression, and a leaky gut: Translocation of bacterial endotoxin as a pathway to inflammation. Psychoneuroendocrinology, 2018, 98, 52-60.	1.3	83
33	The Impact of Bariatric Surgery on Short Term Risk of Clostridium Difficile Admissions. Obesity Surgery, 2018, 28, 2006-2013.	1.1	4
34	Exposure to a Social Stressor Induces Translocation of Commensal Lactobacilli to the Spleen and Priming of the Innate Immune System. Journal of Immunology, 2017, 198, 2383-2393.	0.4	49
35	Prenatal stress affects placental cytokines and neurotrophins, commensal microbes, and anxiety-like behavior in adult female offspring. Brain, Behavior, and Immunity, 2017, 64, 50-58.	2.0	144
36	The microbiome as a key regulator of brain, behavior and immunity: Commentary on the 2017 named series. Brain, Behavior, and Immunity, 2017, 66, 18-22.	2.0	31

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37	Stressor exposure has prolonged effects on colonic microbial community structure in Citrobacter rodentium-challenged mice. Scientific Reports, 2017, 7, 45012.	1.6	38
38	The role of the commensal microbiota in adaptive and maladaptive stressor-induced immunomodulation. Hormones and Behavior, 2017, 88, 70-78.	1.0	59
39	The commensal microbiota exacerbate infectious colitis in stressor-exposed mice. Brain, Behavior, and Immunity, 2017, 60, 44-50.	2.0	42
40	Enhanced Probiotic Potential of Lactobacillus reuteri When Delivered as a Biofilm on Dextranomer Microspheres That Contain Beneficial Cargo. Frontiers in Microbiology, 2017, 8, 489.	1.5	36
41	Fusobacteriumâ€™s link to colorectal neoplasia sequenced: A systematic review and future insights. World Journal of Gastroenterology, 2017, 23, 8626-8650.	1.4	64
42	P-137â€ƒYIâ€ƒCitrobacter Rodentium and Social Stressor Exposure Impacts Colonic Inflammation and Short Chain Fatty Acid Receptor Expression. Inflammatory Bowel Diseases, 2016, 22, S52.	0.9	0
43	The Impact of Dietary Energy Intake Early in Life on the Colonic Microbiota of Adult Mice. Scientific Reports, 2016, 6, 19083.	1.6	18
44	Psychological Stress, Immunity, and the Effects on Indigenous Microflora. Advances in Experimental Medicine and Biology, 2016, 874, 225-246.	0.8	31
45	Effects of Stress on Commensal Microbes and Immune System Activity. Advances in Experimental Medicine and Biology, 2016, 874, 289-300.	0.8	38
46	Gut microbiome composition is associated with temperament during early childhood. Brain, Behavior, and Immunity, 2015, 45, 118-127.	2.0	148
47	Stress and the Commensal Microbiota: Importance in Parturition and Infant Neurodevelopment. Frontiers in Psychiatry, 2015, 6, 5.	1.3	53
48	The prebiotics 3â€²Sialyllactose and 6â€²Sialyllactose diminish stressor-induced anxiety-like behavior and colonic microbiota alterations: Evidence for effects on the gutâ€“brain axis. Brain, Behavior, and Immunity, 2015, 50, 166-177.	2.0	233
49	Maternal Obesity Is Associated with Alterations in the Gut Microbiome in Toddlers. PLoS ONE, 2014, 9, e113026.	1.1	149
50	Exposure to a social stressor disrupts the community structure of the colonic mucosa-associated microbiota. BMC Microbiology, 2014, 14, 189.	1.3	292
51	Impact of stressor exposure on the interplay between commensal microbiota and host inflammation. Gut Microbes, 2014, 5, 390-396.	4.3	98
52	The structures of the colonic mucosa-associated and luminal microbial communities are distinct and differentially affected by a prolonged murine stressor. Gut Microbes, 2014, 5, 748-760.	4.3	91
53	Influence of Stressor-Induced Nervous System Activation on the Intestinal Microbiota and the Importance for Immunomodulation. Advances in Experimental Medicine and Biology, 2014, 817, 255-276.	0.8	69
54	Stress, asthma, and infection: Putting the pieces together. Brain, Behavior, and Immunity, 2013, 29, 9-10.	2.0	0

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55	Stressor-Induced Increase in Microbicidal Activity of Splenic Macrophages Is Dependent upon Peroxynitrite Production. Infection and Immunity, 2012, 80, 3429-3437.	1.0	51
56	The contributing role of the intestinal microbiota in stressor-induced increases in susceptibility to enteric infection and systemic immunomodulation. Hormones and Behavior, 2012, 62, 286-294.	1.0	55
57	Exposure to a social stressor alters the structure of the intestinal microbiota: Implications for stressor-induced immunomodulation. Brain, Behavior, and Immunity, 2011, 25, 397-407.	2.0	929
58	Stressor Exposure Disrupts Commensal Microbial Populations in the Intestines and Leads to Increased Colonization by Citrobacter rodentium. Infection and Immunity, 2010, 78, 1509-1519.	1.0	317
59	Photoperiod modulates gut bacteria composition in male Siberian hamsters (Phodopus sungorus). Brain, Behavior, and Immunity, 2010, 24, 577-584.	2.0	68
60	Social Stress Enhances Allergen-Induced Airway Inflammation in Mice and Inhibits Corticosteroid Responsiveness of Cytokine Production. Journal of Immunology, 2009, 182, 7888-7896.	0.4	76
61	Social stress enhances IL-1Î² and TNF-Î± production by Porphyromonas gingivalis lipopolysaccharide-stimulated CD11b+ cells. Physiology and Behavior, 2009, 98, 351-358.	1.0	80
62	The Effects of Psychological Stressors on the Intestinal Microbiota. Bioscience and Microflora, 2009, 28, 125-134.	0.5	2
63	Mechanisms of social stress enhancement of virusâ€specific immune memory. FASEB Journal, 2008, 22, 857.17.	0.2	0
64	Repeated social defeat increases the bactericidal activity of splenic macrophages through a Toll-like receptor-dependent pathway. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1180-R1190.	0.9	101
65	Stress induces the translocation of cutaneous and gastrointestinal microflora to secondary lymphoid organs of C57BL/6 mice. Journal of Neuroimmunology, 2006, 171, 29-37.	1.1	114
66	Physical defeat reduces the sensitivity of murine splenocytes to the suppressive effects of corticosterone. Brain, Behavior, and Immunity, 2004, 18, 416-424.	2.0	63
67	Prenatal Stress Alters Bacterial Colonization of the Gut in Infant Monkeys. Journal of Pediatric Gastroenterology and Nutrition, 2004, 38, 414-421.	0.9	288