Martin Iain Bahl

List of Publications by Year
in descending order

38	2,722	279798	330143
papers	citations	23 h-index	37 g-index

39	39	39	4938
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Establishment of Intestinal Microbiota during Early Life: a Longitudinal, Explorative Study of a Large Cohort of Danish Infants. Applied and Environmental Microbiology, 2014, 80, 2889-2900.	3.1	391
2	Colonic transit time is related to bacterial metabolism and mucosal turnover in the gut. Nature Microbiology, 2016, 1, 16093.	13.3	321
3	Bifidobacterium species associated with breastfeeding produce aromatic lactic acids in the infant gut. Nature Microbiology, 2021, 6, 1367-1382.	13.3	176
4	Antibiotic Treatment Affects Intestinal Permeability and Gut Microbial Composition in Wistar Rats Dependent on Antibiotic Class. PLoS ONE, 2015, 10, e0144854.	2.5	175
5	Infant Gut Microbiota Development Is Driven by Transition to Family Foods Independent of Maternal Obesity. MSphere, 2016, 1, .	2.9	175
6	First Foods and Gut Microbes. Frontiers in Microbiology, 2017, 8, 356.	3.5	137
7	Transfer of gut microbiota from lean and obese mice to antibiotic-treated mice. Scientific Reports, 2014, 4, 5922.	3.3	129
8	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. Nature Communications, 2018, 9, 4630.	12.8	124
9	Differential bacterial capture and transport preferences facilitate co-growth on dietary xylan in the human gut. Nature Microbiology, 2018, 3, 570-580.	13.3	121
10	Having older siblings is associated with gut microbiota development during early childhood. BMC Microbiology, 2015, 15, 154.	3.3	99
11	Glyphosate has limited short-term effects on commensal bacterial community composition in the gut environment due to sufficient aromatic amino acid levels. Environmental Pollution, 2018, 233, 364-376.	7.5	90
12	Effect of Antibiotics on Gut Microbiota, Gut Hormones and Glucose Metabolism. PLoS ONE, 2015, 10, e0142352.	2.5	85
13	Introducing GUt Low-Density Array (GULDA) - a validated approach for qPCR-based intestinal microbial community analysis. FEMS Microbiology Letters, 2012, 337, 38-47.	1.8	76
14	Genomic GC-Content Affects the Accuracy of 16S rRNA Gene Sequencing Based Microbial Profiling due to PCR Bias. Frontiers in Microbiology, 2017, 8, 1934.	3.5	66
15	Dietary Xylo-oligosaccharide stimulates intestinal bifidobacteria and lactobacilli but has limited effect on intestinal integrity in rats. BMC Research Notes, 2014, 7, 660.	1.4	65
16	Environmental spread of microbes impacts the development of metabolic phenotypes in mice transplanted with microbial communities from humans. ISME Journal, 2017, 11, 676-690.	9.8	63
17	Administration of two probiotic strains during early childhood does not affect the endogenous gut microbiota composition despite probiotic proliferation. BMC Microbiology, 2017, 17, 175.	3.3	51
18	Microbiota composition of simultaneously colonized mice housed under either a gnotobiotic isolator or individually ventilated cage regime. Scientific Reports, 2017, 7, 42245.	3.3	37

#	Article	IF	Citations
19	Faecalibacterium Gut Colonization Is Accelerated by Presence of Older Siblings. MSphere, 2017, 2, .	2.9	37
20	Human microbiota-transplanted C57BL/6 mice and offspring display reduced establishment of key bacteria and reduced immune stimulation compared to mouse microbiota-transplantation. Scientific Reports, 2020, 10, 7805.	3.3	36
21	Maternal milk microbiota and oligosaccharides contribute to the infant gut microbiota assembly. ISME Communications, 2021, 1, .	4.2	31
22	Multi-layer PLGA-pullulan-PLGA electrospun nanofibers for probiotic delivery. Food Hydrocolloids, 2022, 123, 107112.	10.7	27
23	Exposure to a glyphosate-based herbicide formulation, but not glyphosate alone, has only minor effects on adult rat testis. Reproductive Toxicology, 2018, 82, 25-31.	2.9	26
24	Settlers of our inner surface â€“ factors shaping the gut microbiota from birth to toddlerhood. FEMS Microbiology Reviews, 2021, 45, .	8.6	26
25	Effects of Gliadin consumption on the Intestinal Microbiota and Metabolic Homeostasis in Mice Fed a High-fat Diet. Scientific Reports, 2017, 7, 44613.	3.3	24
26	Impact of the gut microbiota on chemical risk assessment. Current Opinion in Toxicology, 2019, 15, 109-113.	5.0	21
27	Short-Term Amoxicillin-Induced Perturbation of the Gut Microbiota Promotes Acute Intestinal Immune Regulation in Brown Norway Rats. Frontiers in Microbiology, 2020, 11, 496.	3.5	17
28	Intestinal Enterococcus abundance correlates inversely with excessive weight gain and increased plasma leptin in breastfed infants. FEMS Microbiology Ecology, 2020, 96, .	2.7	15
29	Optimizing oral delivery of next generation probiotics. Trends in Food Science and Technology, 2022, 119, 101-109.	15.1	15
30	Antibiotic treatment of rat dams affects bacterial colonization and causes decreased weight gain in pups. Communications Biology, 2018, 1, 145.	4.4	14
31	The gastrointestinal tract of farmed mink (Neovison vison) maintains a diverse mucosaâ€associated microbiota following a 3â€day fasting period. MicrobiologyOpen, 2017, 6, e00434.	3.0	13
32	Data integration for prediction of weight loss in randomized controlled dietary trials. Scientific Reports, 2020, 10, 20103.	3.3	10
33	The intestinal microbiome is a co-determinant of the postprandial plasma glucose response. PLoS ONE, 2020, 15, e0238648.	2.5	9
34	Partially Hydrolysed Whey Has Superior Allergy Preventive Capacity Compared to Intact Whey Regardless of Amoxicillin Administration in Brown Norway Rats. Frontiers in Immunology, 2021, 12, 705543.	4.8	8
35	The microbiota of farmed mink (Neovison vison) follows a successional development and is affected by early life antibiotic exposure. Scientific Reports, 2020, 10, 20434.	3.3	5
36	Faecal microbiota transplantation for eradication of co-infection with Clostridioides difficile and extensively drug-resistant KPC-producing Klebsiella pneumoniae. Scandinavian Journal of Gastroenterology, 2020, 55, 626-630.	1.5	5

#	Article	IF	Citations
37	Human milk oligosaccharides induce acute yet reversible compositional changes in the gut microbiota of conventional mice linked to a reduction of butyrate levels. MicroLife, 2022, 3, .	2.1	1
38	Local Delivery of Streptomycin in Microcontainers Facilitates Colonization of Streptomycin-Resistant Escherichia coli in the Rat Colon. Applied and Environmental Microbiology, 0, , .	3.1	1