Ian B Jeffery

List of Publications by Year
in descending order

48 papers	12,182 citations	136950 32 h-index	233421 45 g-index
51 all docs	51 docs citations	51 times ranked	16700 citing authors

#	Article	IF	Citations
1	Gut microbiota composition correlates with diet and health in the elderly. Nature, 2012, 488, 178-184.	27.8	2,618
2	High-level adherence to a Mediterranean diet beneficially impacts the gut microbiota and associated metabolome. Gut, 2016, 65, 1812-1821.	12.1	1,092
3	Exercise and associated dietary extremes impact on gut microbial diversity. Gut, 2014, 63, 1913-1920.	12.1	987
4	Gut microbiota and aging. Science, 2015, 350, 1214-1215.	12.6	801
5	An irritable bowel syndrome subtype defined by species-specific alterations in faecal microbiota. Gut, 2012, 61, 997-1006.	12.1	742
6	Enterotypes in the landscape of gut microbial community composition. Nature Microbiology, 2018, 3, 8-16.	13.3	717
7	Tumour-associated and non-tumour-associated microbiota in colorectal cancer. Gut, 2017, 66, 633-643.	12.1	623
8	Expanding the biotechnology potential of lactobacilli through comparative genomics of 213 strains and associated genera. Nature Communications, 2015, 6, 8322.	12.8	488
9	Mediterranean diet intervention alters the gut microbiome in older people reducing frailty and improving health status: the NU-AGE 1-year dietary intervention across five European countries. Gut, 2020, 69, 1218-1228.	12.1	465
10	The oral microbiota in colorectal cancer is distinctive and predictive. Gut, 2018, 67, 1454-1463.	12.1	425
11	Evolution of gut microbiota composition from birth to 24 weeks in the INFANTMET Cohort. Microbiome, 2017, 5, 4.	11.1	390
12	Composition and temporal stability of the gut microbiota in older persons. ISME Journal, 2016, 10, 170-182.	9.8	305
13	Signatures of early frailty in the gut microbiota. Genome Medicine, 2016, 8, 8.	8.2	297
14	Comparison and evaluation of methods for generating differentially expressed gene lists from microarray data. BMC Bioinformatics, 2006, 7, 359.	2.6	295
15	Categorization of the gut microbiota: enterotypes or gradients?. Nature Reviews Microbiology, 2012, 10, 591-592.	28.6	260
16	Diet-Microbiota Interactions and Their Implications for Healthy Living. Nutrients, 2013, 5, 234-252.	4.1	174
17	Effect of Lactobacillus salivarius Bacteriocin Abp118 on the Mouse and Pig Intestinal Microbiota. PLoS ONE, 2012, 7, e31113.	2.5	136
18	SPINGO: a rapid species-classifier for microbial amplicon sequences. BMC Bioinformatics, 2015, 16, 324.	2.6	122

#	Article	IF	Citations
19	Differences in Fecal Microbiomes and Metabolomes of People With vs Without Irritable Bowel Syndrome and Bile Acid Malabsorption. Gastroenterology, 2020, 158, 1016-1028.e8.	1.3	122
20	Adjusting for age improves identification of gut microbiome alterations in multiple diseases. ELife, 2020, 9, .	6.0	113
21	Gut microbiota alterations associated with reduced bone mineral density in older adults. Rheumatology, 2019, 58, 2295-2304.	1.9	106
22	The microbiota link to irritable bowel syndrome. Gut Microbes, 2012, 3, 572-576.	9.8	102
23	The core faecal bacterial microbiome of Irish Thoroughbred racehorses. Letters in Applied Microbiology, 2013, 57, 492-501.	2.2	90
24	Microbiomeâ€“health interactions in older people. Cellular and Molecular Life Sciences, 2018, 75, 119-128.	5.4	80
25	Prebiotic supplementation in frail older people affects specific gut microbiota taxa but not global diversity. Microbiome, 2019, 7, 39.	11.1	72
26	Schistosoma mansoni Worm Infection Regulates the Intestinal Microbiota and Susceptibility to Colitis. Infection and Immunity, 2019, 87, .	2.2	52
27	Effect of room temperature transport vials on DNA quality and phylogenetic composition of faecal microbiota of elderly adults and infants. Microbiome, 2016, 4, 19.	11.1	51
28	Microbiome and health implications for ethnic minorities after enforced lifestyle changes. Nature Medicine, 2020, 26, 1089-1095.	30.7	48
29	The Human Gut Chip â€œHuGChipâ€, an Explorative Phylogenetic Microarray for Determining Gut Microbiome Diversity at Family Level. PLoS ONE, 2013, 8, e62544.	2.5	46
30	Detecting microRNA activity from gene expression data. BMC Bioinformatics, 2010, 11, 257.	2.6	42
31	Pro-Inflammatory Flagellin Proteins of Prevalent Motile Commensal Bacteria Are Variably Abundant in the Intestinal Microbiome of Elderly Humans. PLoS ONE, 2013, 8, e68919.	2.5	42
32	The gut virome in Irritable Bowel Syndrome differs from that of controls. Gut Microbes, 2021, 13, 1-15.	9.8	36
33	Integrating transcription factor binding site information with gene expression datasets. Bioinformatics, 2007, 23, 298-305.	4.1	32
34	Dynamic 5-HT2C Receptor Editing in a Mouse Model of Obesity. PLoS ONE, 2012, 7, e32266.	2.5	29
35	Diet-Microbiota-Health Interactions in Older Subjects: Implications for Healthy Aging. Interdisciplinary Topics in Gerontology, 2014, 40, 141-154.	3.6	27
36	Exploratory analysis of covariation of microbiota-derived vitamin K and cognition in older adults. American Journal of Clinical Nutrition, 2019, 110, 1404-1415.	4.7	26

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37	Dietary glycaemic load associated with cognitive performance in elderly subjects. European Journal of Nutrition, 2015, 54, 557-568.	3.9	22
38	Integrating multiple genome annotation databases improves the interpretation of microarray gene expression data. BMC Genomics, 2010, 11, 50.	2.8	15
39	The role of the microbiota in ageing: current state and perspectives. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2015, 7, 131-138.	6.6	14
40	Microbiome alterations in IBS. Gut, 2020, 69, 2263-2264.	12.1	10
41	MyD88 is an essential component of retinoic acid-induced differentiation in human pluripotent embryonal carcinoma cells. Cell Death and Differentiation, 2017, 24, 1975-1986.	11.2	5
42	IPCO: Inference of Pathways from Co-variance analysis. BMC Bioinformatics, 2020, 21, 62.	2.6	4
43	Collateral Damage in the Human Gut Microbiome - Blastocystis Is Significantly Less Prevalent in an Antibiotic-Treated Adult Population Compared to Non-Antibiotic Treated Controls. Frontiers in Cellular and Infection Microbiology, 2022, 12, 822475.	3.9	3
44	Diet, Health, and the Gut Microbiota. , 2019, , 815-829.		1
45	Intestinal Microbiota, Alterations in Irritable Bowel Syndrome. , 2015, , 295-299.		1
46	Intestinal Microbiota and Aging. , 2012, , 1-6.		0
47	Intestinal Microbiota, Alterations in Irritable Bowel Syndrome. , 2012, , 1-6.		0
48	Intestinal Microbiota and Aging. , 2015, , 291-295.		0