

Trine Nielsen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

12,287
citations

20
h-index

33
g-index

33
ext. papers

15,930
ext. citations

21.8
avg, IF

5.03
L-index

#	Paper	IF	Citations
30	Enterotypes of the human gut microbiome. <i>Nature</i> , 2011 , 473, 174-80	50.4	4240
29	Richness of human gut microbiome correlates with metabolic markers. <i>Nature</i> , 2013 , 500, 541-6	50.4	2584
28	Disentangling type 2 diabetes and metformin treatment signatures in the human gut microbiota. <i>Nature</i> , 2015 , 528, 262-266	50.4	1107
27	An integrated catalog of reference genes in the human gut microbiome. <i>Nature Biotechnology</i> , 2014 , 32, 834-41	44.5	1088
26	Human gut microbes impact host serum metabolome and insulin sensitivity. <i>Nature</i> , 2016 , 535, 376-81	50.4	977
25	Identification and assembly of genomes and genetic elements in complex metagenomic samples without using reference genomes. <i>Nature Biotechnology</i> , 2014 , 32, 822-8	44.5	624
24	Alterations in fecal microbiota composition by probiotic supplementation in healthy adults: a systematic review of randomized controlled trials. <i>Genome Medicine</i> , 2016 , 8, 52	14.4	290
23	Recovery of gut microbiota of healthy adults following antibiotic exposure. <i>Nature Microbiology</i> , 2018 , 3, 1255-1265	26.6	246
22	Roux-en-Y gastric bypass surgery of morbidly obese patients induces swift and persistent changes of the individual gut microbiota. <i>Genome Medicine</i> , 2016 , 8, 67	14.4	187
21	Aberrant intestinal microbiota in individuals with prediabetes. <i>Diabetologia</i> , 2018 , 61, 810-820	10.3	163
20	Gestational diabetes is associated with change in the gut microbiota composition in third trimester of pregnancy and postpartum. <i>Microbiome</i> , 2018 , 6, 89	16.6	155
19	Mechanisms in endocrinology: Gut microbiota in patients with type 2 diabetes mellitus. <i>European Journal of Endocrinology</i> , 2015 , 172, R167-77	6.5	119
18	Statin therapy is associated with lower prevalence of gut microbiota dysbiosis. <i>Nature</i> , 2020 , 581, 310-315	50.4	100
17	Metformin-induced changes of the gut microbiota in healthy young men: results of a non-blinded, one-armed intervention study. <i>Diabetologia</i> , 2019 , 62, 1024-1035	10.3	79
16	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. <i>Nature Communications</i> , 2018 , 9, 4630	17.4	69
15	Impact of a vegan diet on the human salivary microbiota. <i>Scientific Reports</i> , 2018 , 8, 5847	4.9	50
14	A computational framework to integrate high-throughput omics datasets for the identification of potential mechanistic links. <i>Nature Protocols</i> , 2018 , 13, 2781-2800	18.8	44

13	Transcriptional interactions suggest niche segregation among microorganisms in the human gut. <i>Nature Microbiology</i> , 2016 , 1, 16152	26.6	38
12	Imidazole propionate is increased in diabetes and associated with dietary patterns and altered microbial ecology. <i>Nature Communications</i> , 2020 , 11, 5881	17.4	29
11	Extracellular Vesicle Encapsulated MicroRNAs in Patients with Type 2 Diabetes Are Affected by Metformin Treatment. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	26
10	Dietary Assessment in the MetaCardis Study: Development and Relative Validity of an Online Food Frequency Questionnaire. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2017 , 117, 878-888	3.9	18
9	Human and preclinical studies of the host-gut microbiome co-metabolite hippurate as a marker and mediator of metabolic health. <i>Gut</i> , 2021 , 70, 2105-2114	19.2	13
8	Combinatorial, additive and dose-dependent drug-microbiome associations. <i>Nature</i> , 2021 ,	50.4	11
7	Population-based studies of relationships between dietary acidity load, insulin resistance and incident diabetes in Danes. <i>Nutrition Journal</i> , 2018 , 17, 91	4.3	9
6	Describing the fecal metabolome in cryogenically collected samples from healthy participants. <i>Scientific Reports</i> , 2020 , 10, 885	4.9	8
5	Impairment of gut microbial biotin metabolism and host biotin status in severe obesity: effect of biotin and prebiotic supplementation on improved metabolism.. <i>Gut</i> , 2022 ,	19.2	5
4	Comparative Studies of the Gut Microbiota in the Offspring of Mothers With and Without Gestational Diabetes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 536282	5.9	4
3	Microbiome and metabolome features of the cardiometabolic disease spectrum.. <i>Nature Medicine</i> , 2022 ,	50.5	4
2	A Previously Undescribed Highly Prevalent Phage Identified in a Danish Enteric Virome Catalog. <i>MSystems</i> , 2021 , 6, e0038221	7.6	0
1	Conjugated C-6 hydroxylated bile acids in serum relate to human metabolic health and gut Clostridia species. <i>Scientific Reports</i> , 2021 , 11, 13252	4.9	0