

Gerben D A Hermes

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.

31
papers

2,877
citations

16
h-index

35
g-index

35
ext. papers

3,905
ext. citations

7.2
avg, IF

4.91
L-index

#	Paper	IF	Citations
31	The gut microbiota and host health: a new clinical frontier. <i>Gut</i> , 2016 , 65, 330-9	19.2	1182
30	Improvement of Insulin Sensitivity after Lean Donor Feces in Metabolic Syndrome Is Driven by Baseline Intestinal Microbiota Composition. <i>Cell Metabolism</i> , 2017 , 26, 611-619.e6	24.6	440
29	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. <i>Gut</i> , 2020 , 69, 1218-1228	19.2	209
28	Effects of Gut Microbiota Manipulation by Antibiotics on Host Metabolism in Obese Humans: A Randomized Double-Blind Placebo-Controlled Trial. <i>Cell Metabolism</i> , 2016 , 24, 63-74	24.6	187
27	Host and Environmental Factors Affecting the Intestinal Microbiota in Chickens. <i>Frontiers in Microbiology</i> , 2018 , 9, 235	5.7	179
26	Cohort profile: LifeLines DEEP, a prospective, general population cohort study in the northern Netherlands: study design and baseline characteristics. <i>BMJ Open</i> , 2015 , 5, e006772	3	136
25	Supplementation of Diet With Galacto-oligosaccharides Increases Bifidobacteria, but Not Insulin Sensitivity, in Obese Prediabetic Individuals. <i>Gastroenterology</i> , 2017 , 153, 87-97.e3	13.3	108
24	NG-Tax, a highly accurate and validated pipeline for analysis of 16S rRNA amplicons from complex biomes. <i>F1000Research</i> , 2016 , 5, 1791	3.6	107
23	NG-Tax, a highly accurate and validated pipeline for analysis of 16S rRNA amplicons from complex biomes. <i>F1000Research</i> , 2016 , 5, 1791	3.6	72
22	NG-Tax 2.0: A Semantic Framework for High-Throughput Amplicon Analysis. <i>Frontiers in Genetics</i> , 2019 , 10, 1366	4.5	44
21	Distal colonic transit is linked to gut microbiota diversity and microbial fermentation in humans with slow colonic transit. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, G361-G369	5.1	31
20	Sugar Beet Pectin Supplementation Did Not Alter Profiles of Fecal Microbiota and Exhaled Breath in Healthy Young Adults and Healthy Elderly. <i>Nutrients</i> , 2019 , 11,	6.7	21
19	Take care of the environment: housing conditions affect the interplay of nutritional interventions and intestinal microbiota in broiler chickens. <i>Animal Microbiome</i> , 2019 , 1, 10	4.1	20
18	Molecular ecological tools to decipher the role of our microbial mass in obesity. <i>Beneficial Microbes</i> , 2015 , 6, 61-81	4.9	20
17	Effect of wheat bran derived prebiotic supplementation on gastrointestinal transit, gut microbiota, and metabolic health: a randomized controlled trial in healthy adults with a slow gut transit. <i>Gut Microbes</i> , 2020 , 12, 1704141	8.8	18
16	Gut Microbiota and Body Weight in School-Aged Children: The KOALA Birth Cohort Study. <i>Obesity</i> , 2018 , 26, 1767-1776	8	18
15	Associations between Pro- and Anti-Inflammatory Gastro-Intestinal Microbiota, Diet, and Cognitive Functioning in Dutch Healthy Older Adults: The NU-AGE Study. <i>Nutrients</i> , 2020 , 12,	6.7	14

14	Fermentation of Chicory Fructo-Oligosaccharides and Native Inulin by Infant Fecal Microbiota Attenuates Pro-Inflammatory Responses in Immature Dendritic Cells in an Infant-Age-Dependent and Fructan-Specific Way. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000068	5.9	12
13	Individual and cohort-specific gut microbiota patterns associated with tissue-specific insulin sensitivity in overweight and obese males. <i>Scientific Reports</i> , 2020 , 10, 7523	4.9	8
12	Assessment of the Accuracy of High-Throughput Sequencing of the ITS1 Region of Neocallimastigomycota for Community Composition Analysis. <i>Frontiers in Microbiology</i> , 2019 , 10, 2370	5.7	8
11	Structure-Specific Fermentation of Galacto-Oligosaccharides, Isomalto-Oligosaccharides and Isomalto/Malto-Polysaccharides by Infant Fecal Microbiota and Impact on Dendritic Cell Cytokine Responses. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2001077	5.9	7
10	Relative contributions of egg-associated and substrate-associated microorganisms to black soldier fly larval performance and microbiota. <i>FEMS Microbiology Ecology</i> , 2021 , 97,	4.3	6
9	Biofouling control: the impact of biofilm dispersal and membrane flushing. <i>Water Research</i> , 2021 , 198, 117163	12.5	6
8	Fermentation Kinetics of Selected Dietary Fibers by Human Small Intestinal Microbiota Depend on the Type of Fiber and Subject. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000455	5.9	5
7	Pooled faecal inoculum can predict infant fiber fermentability despite high inter-individual variability of microbiota composition. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2020 , 24, 100235	3.4	5
6	Does entry to center-based childcare affect gut microbial colonization in young infants?. <i>Scientific Reports</i> , 2020 , 10, 10235	4.9	4
5	Short-Term Microbiota Manipulation and Forearm Substrate Metabolism in Obese Men: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Obesity Facts</i> , 2018 , 11, 318-326	5.1	3
4	Selective pressure on microbial communities in a drinking water aquifer - Geochemical parameters vs. micropollutants.. <i>Environmental Pollution</i> , 2022 , 299, 118807	9.3	2
3	Increasing the Sustainability of Maize Grain Production by Using Arbuscular Mycorrhizal Fungi Does Not Affect the Rumen of Dairy Cattle () and Buffalo (). <i>Frontiers in Veterinary Science</i> , 2020 , 7, 556764	3.1	1
2	Black Soldier Fly Larvae Influence Internal and Substrate Bacterial Community Composition Depending on Substrate Type and Larval Density.. <i>Applied and Environmental Microbiology</i> , 2022 , e0008422	4.8	1
1	Fiber mixture-specific effect on distal colonic fermentation and metabolic health in lean but not in prediabetic men.. <i>Gut Microbes</i> , 2022 , 14, 2009297	8.8	0