

Gerben D A Hermes

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

4,714
citations

394286

19
h-index

377752

34
g-index

35
all docs

35
docs citations

35
times ranked

8139
citing authors

#	ARTICLE	IF	CITATIONS
1	The gut microbiota and host health: a new clinical frontier. <i>Gut</i> , 2016, 65, 330-339.	6.1	1,719
2	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.	7.2	689
3	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.	6.1	465
4	Host and Environmental Factors Affecting the Intestinal Microbiota in Chickens. <i>Frontiers in Microbiology</i> , 2018, 9, 235.	1.5	328
5	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.	7.2	278
6	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.	0.8	207
7	Supplementation of Diet With Galacto-oligosaccharides Increases Bifidobacteria, but Not Insulin Sensitivity, in Obese Prediabetic Individuals. <i>Gastroenterology</i> , 2017, 153, 87-97.e3.	0.6	150
8	NG-Tax, a highly accurate and validated pipeline for analysis of 16S rRNA amplicons from complex biomes. <i>F1000Research</i> , 2016, 5, 1791.	0.8	140
9	NG-Tax, a highly accurate and validated pipeline for analysis of 16S rRNA amplicons from complex biomes. <i>F1000Research</i> , 2016, 5, 1791.	0.8	121
10	NG-Tax 2.0: A Semantic Framework for High-Throughput Amplicon Analysis. <i>Frontiers in Genetics</i> , 2019, 10, 1366.	1.1	95
11	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.	1.6	66
12	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.	4.3	46
13	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, 3471.	1.7	42
14	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.	1.5	35
15	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, 2193.	1.7	35
16	Gut Microbiota and Body Weight in School-Aged Children: The KOALA Birth Cohort Study. <i>Obesity</i> , 2018, 26, 1767-1776.	1.5	34
17	Biofouling control: the impact of biofilm dispersal and membrane flushing. <i>Water Research</i> , 2021, 198, 117163.	5.3	32
18	Molecular ecological tools to decipher the role of our microbial mass in obesity. <i>Beneficial Microbes</i> , 2015, 6, 61-81.	1.0	28

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19	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.	1.5	25
20	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.	1.5	23
21	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.	1.5	22
22	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.	1.6	21
23	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.	4.3	15
24	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.	1.5	13
25	Relative contributions of egg-associated and substrate-associated microorganisms to black soldier fly larval performance and microbiota. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	12
26	Does entry to center-based childcare affect gut microbial colonization in young infants?. <i>Scientific Reports</i> , 2020, 10, 10235.	1.6	11
27	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.	1.5	10
28	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, 88, e0008422.	1.4	10
29	Fecal Microbiota Signatures Are Not Consistently Related to Symptom Severity in Irritable Bowel Syndrome. <i>Digestive Diseases and Sciences</i> , 2022, 67, 5137-5148.	1.1	10
30	Effect of antibiotics in the first week of life on faecal microbiota development. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 603-610.	1.4	9
31	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.	1.6	7
32	Selective pressure on microbial communities in a drinking water aquifer – Geochemical parameters vs. micropollutants. <i>Environmental Pollution</i> , 2022, 299, 118807.	3.7	7
33	Increasing the Sustainability of Maize Grain Production by Using Arbuscular Mycorrhizal Fungi Does Not Affect the Rumen of Dairy Cattle (<i>Bos taurus</i>) and Buffalo (<i>Bubalus bubalis</i>). <i>Frontiers in Veterinary Science</i> , 2020, 7, 556764.	0.9	5
34	Free Faecal Water: Analysis of Horse Faecal Microbiota and the Impact of Faecal Microbial Transplantation on Symptom Severity. <i>Animals</i> , 2021, 11, 2776.	1.0	4