Gerben D A Hermes

List of Publications by Year in Descending Order

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	Selective pressure on microbial communities in a drinking water aquifer - Geochemical parameters vs. micropollutants.. *Environmental Pollution*, **2022**, 299, 118807	9.3	2
30	Fiber mixture-specific effect on distal colonic fermentation and metabolic health in lean but not in prediabetic men.. *Gut Microbes*, **2022**, 14, 2009297	8.8	0
29	Black Soldier Fly Larvae Influence Internal and Substrate Bacterial Community Composition Depending on Substrate Type and Larval Density.. *Applied and Environmental Microbiology*, **2022**, e0008422	4.8	1
28	Relative contributions of egg-associated and substrate-associated microorganisms to black soldier fly larval performance and microbiota. *FEMS Microbiology Ecology*, **2021**, 97,	4.3	6
27	Structure-Specific Fermentation of Galacto-Oligosaccharides, Isomalto-Oligosaccharides and Isomalto/Malto-Polysaccharides by Infant Fecal Microbiota and Impact on Dendritic Cell Cytokine Responses. *Molecular Nutrition and Food Research*, **2021**, 65, e2001077	5.9	7
26	Biofouling control: the impact of biofilm dispersal and membrane flushing. *Water Research*, **2021**, 198, 117163	12.5	6
25	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. *Molecular Nutrition and Food Research*, **2020**, 64, e2000068	5.9	12
24	Individual and cohort-specific gut microbiota patterns associated with tissue-specific insulin sensitivity in overweight and obese males. *Scientific Reports*, **2020**, 10, 7523	4.9	8
23	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	19.2	209
22	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. *Gut Microbes*, **2020**, 12, 1704141	8.8	18
21	Distal colonic transit is linked to gut microbiota diversity and microbial fermentation in humans with slow colonic transit. *American Journal of Physiology - Renal Physiology*, **2020**, 318, G361-G369	5.1	31
20	Fermentation Kinetics of Selected Dietary Fibers by Human Small Intestinal Microbiota Depend on the Type of Fiber and Subject. *Molecular Nutrition and Food Research*, **2020**, 64, e2000455	5.9	5
19	Pooled faecal inoculum can predict infant fiber fermentability despite high inter-individual variability of microbiota composition. *Bioactive Carbohydrates and Dietary Fibre*, **2020**, 24, 100235	3.4	5
18	Does entry to center-based childcare affect gut microbial colonization in young infants?. *Scientific Reports*, **2020**, 10, 10235	4.9	4
17	Increasing the Sustainability of Maize Grain Production by Using Arbuscular Mycorrhizal Fungi Does Not Affect the Rumen of Dairy Cattle () and Buffalo (). *Frontiers in Veterinary Science*, **2020**, 7, 556764	3.1	1
16	Associations between Pro- and Anti-Inflammatory Gastro-Intestinal Microbiota, Diet, and Cognitive Functioning in Dutch Healthy Older Adults: The NU-AGE Study. *Nutrients*, **2020**, 12,	6.7	14
15	Take care of the environment: housing conditions affect the interplay of nutritional interventions and intestinal microbiota in broiler chickens. *Animal Microbiome*, **2019**, 1, 10	4.1	20

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14	Sugar Beet Pectin Supplementation Did Not Alter Profiles of Fecal Microbiota and Exhaled Breath in Healthy Young Adults and Healthy Elderly. *Nutrients*, **2019**, 11,	6.7	21
13	NG-Tax 2.0: A Semantic Framework for High-Throughput Amplicon Analysis. *Frontiers in Genetics*, **2019**, 10, 1366	4.5	44
12	Assessment of the Accuracy of High-Throughput Sequencing of the ITS1 Region of Neocallimastigomycota for Community Composition Analysis. *Frontiers in Microbiology*, **2019**, 10, 2370	5.7	8
11	Host and Environmental Factors Affecting the Intestinal Microbiota in Chickens. *Frontiers in Microbiology*, **2018**, 9, 235	5.7	179
10	Short-Term Microbiota Manipulation and Forearm Substrate Metabolism in Obese Men: A Randomized, Double-Blind, Placebo-Controlled Trial. *Obesity Facts*, **2018**, 11, 318-326	5.1	3
9	Gut Microbiota and Body Weight in School-Aged Children: The KOALA Birth Cohort Study. *Obesity*, **2018**, 26, 1767-1776	8	18
8	Supplementation of Diet With Galacto-oligosaccharides Increases Bifidobacteria, but Not Insulin Sensitivity, in Obese Prediabetic Individuals. *Gastroenterology*, **2017**, 153, 87-97.e3	13.3	108
7	Improvement of Insulin Sensitivity after Lean Donor Feces in Metabolic Syndrome Is Driven by Baseline Intestinal Microbiota Composition. *Cell Metabolism*, **2017**, 26, 611-619.e6	24.6	440
6	The gut microbiota and host health: a new clinical frontier. *Gut*, **2016**, 65, 330-9	19.2	1182
5	NG-Tax, a highly accurate and validated pipeline for analysis of 16S rRNA amplicons from complex biomes. *F1000Research*, **2016**, 5, 1791	3.6	107
4	NG-Tax, a highly accurate and validated pipeline for analysis of 16S rRNA amplicons from complex biomes. *F1000Research*, **2016**, 5, 1791	3.6	72
3	Effects of Gut Microbiota Manipulation by Antibiotics on Host Metabolism in Obese Humans: A Randomized Double-Blind Placebo-Controlled Trial. *Cell Metabolism*, **2016**, 24, 63-74	24.6	187
2	Molecular ecological tools to decipher the role of our microbial mass in obesity. *Beneficial Microbes*, **2015**, 6, 61-81	4.9	20
1	Cohort profile: LifeLines DEEP, a prospective, general population cohort study in the northern Netherlands: study design and baseline characteristics. *BMJ Open*, **2015**, 5, e006772	3	136