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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9247436/publications.pdf

Version: 2024-02-01

34 papers	4,714 citations	394421 19 h-index	377865 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. Gut, 2016, 65, 330-339.	12.1	1,719
2	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.	16.2	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. Gut, 2020, 69, 1218-1228.	12.1	465
4	Host and Environmental Factors Affecting the Intestinal Microbiota in Chickens. Frontiers in Microbiology, 2018, 9, 235.	3.5	328
5	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.	16.2	278
6	Cohort profile: LifeLines DEEP, a prospective, general population cohort study in the northern Netherlands: study design and baseline characteristics. BMJ Open, 2015, 5, e006772.	1.9	207
7	Supplementation of Diet With Galacto-oligosaccharides Increases Bifidobacteria, but Not Insulin Sensitivity, inÂObeseÂPrediabetic Individuals. Gastroenterology, 2017, 153, 87-97.e3.	1.3	150
8	NG-Tax, a highly accurate and validated pipeline for analysis of 16S rRNA amplicons from complex biomes. F1000Research, 2016, 5, 1791.	1.6	140
9	NG-Tax, a highly accurate and validated pipeline for analysis of 16S rRNA amplicons from complex biomes. F1000Research, 2016, 5, 1791.	1.6	121
10	NG-Tax 2.0: A Semantic Framework for High-Throughput Amplicon Analysis. Frontiers in Genetics, 2019, 10, 1366.	2.3	95
11	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.	3.4	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. Gut Microbes, 2020, 12, 1704141.	9.8	46
13	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, 3471.	4.1	42
14	Take care of the environment: housing conditions affect the interplay of nutritional interventions and intestinal microbiota in broiler chickens. Animal Microbiome, 2019, 1, 10.	3.8	35
15	Sugar Beet Pectin Supplementation Did Not Alter Profiles of Fecal Microbiota and Exhaled Breath in Healthy Young Adults and Healthy Elderly. Nutrients, 2019, 11, 2193.	4.1	35
16	Gut Microbiota and Body Weight in Schoolâ€Aged Children: The KOALA Birth Cohort Study. Obesity, 2018, 26, 1767-1776.	3.0	34
17	Biofouling control: the impact of biofilm dispersal and membrane flushing. Water Research, 2021, 198, 117163.	11.3	32
18	Molecular ecological tools to decipher the role of our microbial mass in obesity. Beneficial Microbes, 2015, 6, 61-81.	2.4	28

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19	Assessment of the Accuracy of High-Throughput Sequencing of the ITS1 Region of Neocallimastigomycota for Community Composition Analysis. Frontiers in Microbiology, 2019, 10, 2370.	3.5	25
20	Fermentation of Chicory Fructoâ€Oligosaccharides and Native Inulin by Infant Fecal Microbiota Attenuates Proâ€Inflammatory Responses in Immature Dendritic Cells in an Infantâ€Ageâ€Dependent and Fructanâ€Specific Way. Molecular Nutrition and Food Research, 2020, 64, e2000068.	3.3	23
21	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.	3.3	22
22	Individual and cohort-specific gut microbiota patterns associated with tissue-specific insulin sensitivity in overweight and obese males. Scientific Reports, 2020, 10, 7523.	3.3	21
23	Fiber mixture-specific effect on distal colonic fermentation and metabolic health in lean but not in prediabetic men. Gut Microbes, 2022, 14, 2009297.	9.8	15
24	Structureâ€Specific Fermentation of Galactoâ€Oligosaccharides, Isomaltoâ€Oligosaccharides and Isomalto/Maltoâ€Polysaccharides by Infant Fecal Microbiota and Impact on Dendritic Cell Cytokine Responses. Molecular Nutrition and Food Research, 2021, 65, e2001077.	3.3	13
25	Relative contributions of egg-associated and substrate-associated microorganisms to black soldier fly larval performance and microbiota. FEMS Microbiology Ecology, 2021, 97, .	2.7	12
26	Does entry to center-based childcare affect gut microbial colonization in young infants?. Scientific Reports, 2020, 10, 10235.	3.3	11
27	Pooled faecal inoculum can predict infant fiber fermentability despite high inter-individual variability of microbiota composition. Bioactive Carbohydrates and Dietary Fibre, 2020, 24, 100235.	2.7	10
28	Black Soldier Fly Larvae Influence Internal and Substrate Bacterial Community Composition Depending on Substrate Type and Larval Density. Applied and Environmental Microbiology, 2022, 88, e0008422.	3.1	10
29	Fecal Microbiota Signatures Are Not Consistently Related to Symptom Severity in Irritable Bowel Syndrome. Digestive Diseases and Sciences, 2022, 67, 5137-5148.	2.3	10
30	Effect of antibiotics in the first week of life on faecal microbiota development. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 603-610.	2.8	9
31	Short-Term Microbiota Manipulation and Forearm Substrate Metabolism in Obese Men: A Randomized, Double-Blind, Placebo-Controlled Trial. Obesity Facts, 2018, 11, 318-326.	3.4	7
32	Selective pressure on microbial communities in a drinking water aquifer â€“ Geochemical parameters vs. micropollutants. Environmental Pollution, 2022, 299, 118807.	7.5	7
33	Increasing the Sustainability of Maize Grain Production by Using Arbuscular Mycorrhizal Fungi Does Not Affect the Rumen of Dairy Cattle (Bos taurus) and Buffalo (Bubalus bubalis). Frontiers in Veterinary Science, 2020, 7, 556764.	2.2	5
34	Free Faecal Water: Analysis of Horse Faecal Microbiota and the Impact of Faecal Microbial Transplantation on Symptom Severity. Animals, 2021, 11, 2776.	2.3	4