Glenn R Gibson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2665615/publications.pdf

Version: 2024-02-01

96 papers	45,611 citations	15504 65 h-index	40979 93 g-index
97 all docs	97 docs citations	97 times ranked	36909 citing authors

#	Article	IF	Citations
1	Commentary on: prebiotic effects: metabolic and health benefits. British Journal of Nutrition, 2022, 127, 554-555.	2.3	7
2	Mechanisms linking the human gut microbiome to prophylactic and treatment strategies for COVID-19. British Journal of Nutrition, 2021, 126, 219-227.	2.3	50
3	Impact of 2â€²-Fucosyllactose on Gut Microbiota Composition in Adults with Chronic Gastrointestinal Conditions: Batch Culture Fermentation Model and Pilot Clinical Trial Findings. Nutrients, 2021, 13, 938.	4.1	21
4	Amino Acid Formula Containing Synbiotics in Infants with Cowâ€™s Milk Protein Allergy: A Systematic Review and Meta-Analysis. Nutrients, 2021, 13, 935.	4.1	26
5	Shaping the Future of Probiotics and Prebiotics. Trends in Microbiology, 2021, 29, 667-685.	7.7	270
6	Exploring the potential of prebiotic and polyphenol-based dietary interventions for the alleviation of cognitive and gastrointestinal perturbations associated with military specific stressors. Journal of Functional Foods, 2021, 87, 104753.	3.4	2
7	In vitro effects of Bifidobacterium lactis-based synbiotics on human faecal bacteria. Food Research International, 2020, 128, 108776.	6.2	13
8	The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of synbiotics. Nature Reviews Gastroenterology and Hepatology, 2020, 17, 687-701.	17.8	826
9	Targeted Approaches for In Situ Gut Microbiome Manipulation. Journal of Parenteral and Enteral Nutrition, 2020, 44, 581-588.	2.6	8
10	Probiotics and prebiotics in intestinal health and disease: from biology to the clinic. Nature Reviews Gastroenterology and Hepatology, 2019, 16, 605-616.	17.8	951
11	Wood-Derived Dietary Fibers Promote Beneficial Human Gut Microbiota. MSphere, 2019, 4, .	2.9	48
12	Gut microbiota functions: metabolism of nutrients and other food components. European Journal of Nutrition, 2018, 57, 1-24.	3.9	1,608
13	Mediation of coffee-induced improvements in human vascular function by chlorogenic acids and its metabolites: Two randomized, controlled, crossover intervention trials. Clinical Nutrition, 2017, 36, 1520-1529.	5.0	38
14	Expert consensus document: The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of prebiotics. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 491-502.	17.8	3,192
15	In vitro evaluation of prebiotic properties derived from rice bran obtained by debranning technology. International Journal of Food Sciences and Nutrition, 2017, 68, 421-428.	2.8	13
16	An in vivo assessment of the cholesterol-lowering efficacy of Lactobacillus plantarum ECGC 13110402 in normal to mildly hypercholesterolaemic adults. PLoS ONE, 2017, 12, e0187964.	2.5	99
17	Prebiotic Potential of a Maize-Based Soluble Fibre and Impact of Dose on the Human Gut Microbiota. PLoS ONE, 2016, 11, e0144457.	2.5	39
18	Impact of palm date consumption on microbiota growth and large intestinal health: a randomised, controlled, cross-over, human intervention study. British Journal of Nutrition, 2015, 114, 1226-1236.	2.3	78

#	Article	IF	Citations
19	Influence of galacto-oligosaccharide mixture (B-GOS) on gut microbiota, immune parameters and metabonomics in elderly persons. British Journal of Nutrition, 2015, 114, 586-595.	2.3	235
20	Prebiotics Modulate the Effects of Antibiotics on Gut Microbial Diversity and Functioning in Vitro. Nutrients, 2015, 7, 4480-4497.	4.1	55
21	Kiwifruit fermentation drives positive gut microbial and metabolic changes irrespective of initial microbiota composition. Bioactive Carbohydrates and Dietary Fibre, 2015, 6, 37-45.	2.7	18
22	In vitro fermentation of anthocyanins encapsulated with cyclodextrins: Release, metabolism and influence on gut microbiota growth. Journal of Functional Foods, 2015, 16, 50-57.	3.4	74
23	In vitrocolonic metabolism of coffee and chlorogenic acid results in selective changes in human faecal microbiota growth. British Journal of Nutrition, 2015, 113, 1220-1227.	2.3	129
24	Klebsiella pneumoniaesubsp.pneumoniaeâ€“bacteriophage combination from the caecal effluent of a healthy woman. PeerJ, 2015, 3, e1061.	2.0	38
25	Xylo-oligosaccharides alone or in synbiotic combination with Bifidobacterium animalis subsp. lactis induce bifidogenesis and modulate markers of immune function in healthy adults: a double-blind, placebo-controlled, randomised, factorial cross-over study. British Journal of Nutrition, 2014, 111, 1945-1956.	2.3	120
26	Impacts of Plant-Based Foods in Ancestral Hominin Diets on the Metabolism and Function of Gut Microbiota In Vitro. MBio, 2014, 5, e00853-14.	4.1	27
27	The impact of date palm fruits and their component polyphenols, on gut microbial ecology, bacterial metabolites and colon cancer cell proliferation. Journal of Nutritional Science, 2014, 3, e46.	1.9	107
28	The short-chain fatty acid acetate reduces appetite via a central homeostatic mechanism. Nature Communications, 2014, 5, 3611.	12.8	1,129
29	Characterization of virus-like particles associated with the human faecal and caecal microbiota. Research in Microbiology, 2014, 165, 803-812.	2.1	169
30	The International Scientific Association for Probiotics and Prebiotics consensus statement on the scope and appropriate use of the term probiotic. Nature Reviews Gastroenterology and Hepatology, 2014, 11, 506-514.	17.8	5,773
31	An inÂvitro study of the effect of probiotics, prebiotics and synbiotics on the elderly faecal microbiota. Anaerobe, 2014, 27, 50-55.	2.1	58
32	The effect of proteolysis on the induction of cell death by monomeric alpha-lactalbumin. Biochimie, 2014, 97, 138-143.	2.6	11
33	In vitrofermentation of commercial Î±-gluco-oligosaccharide by faecal microbiota from lean and obese human subjects. British Journal of Nutrition, 2013, 109, 1980-1989.	2.3	44
34	Development of antimicrobial synbiotics using potentially-probiotic faecal isolates of Lactobacillus fermentum and Bifidobacterium longum. Anaerobe, 2013, 20, 5-13.	2.1	29
35	Insight into the prebiotic concept: lessons from an exploratory, double blind intervention study with inulin-type fructans in obese women. Gut, 2013, 62, 1112-1121.	12.1	632
36	A Mixture of trans-Galactooligosaccharides Reduces Markers of Metabolic Syndrome and Modulates the Fecal Microbiota and Immune Function of Overweight Adults. Journal of Nutrition, 2013, 143, 324-331.	2.9	271

#	Article	IF	Citations
37	Effect of prebiotics on the human gut microbiota of elderly persons. Gut Microbes, 2012, 3, 57-60.	9.8	68
38	A randomised crossover study investigating the effects of galacto-oligosaccharides on the faecal microbiota in men and women over 50 years of age. British Journal of Nutrition, 2012, 107, 1466-1475.	2.3	142
39	Metabolism of Anthocyanins by Human Gut Microflora and Their Influence on Gut Bacterial Growth. Journal of Agricultural and Food Chemistry, 2012, 60, 3882-3890.	5.2	371
40	Host-Gut Microbiota Metabolic Interactions. Science, 2012, 336, 1262-1267.	12.6	3,693
41	Synbiotics in Health and Disease. Annual Review of Food Science and Technology, 2011, 2, 373-393.	9.9	209
42	Variation in Antibiotic-Induced Microbial Recolonization Impacts on the Host Metabolic Phenotypes of Rats. Journal of Proteome Research, 2011, 10, 3590-3603.	3.7	114
43	In vitro bioaccessibility and gut biotransformation of polyphenols present in the waterâ€insoluble cocoa fraction. Molecular Nutrition and Food Research, 2011, 55, S44-55.	3.3	110
44	In VitroFermentation of Linear and Î±-1,2-Branched Dextrans by the Human Fecal Microbiota. Applied and Environmental Microbiology, 2011, 77, 5307-5315.	3.1	84
45	Dietary prebiotics: current status and new definition. Food Science and Technology Bulletin, 2010, 7, 1-19.	0.5	432
46	Bacterial, SCFA and gas profiles of a range of food ingredients following in vitro fermentation by human colonic microbiota. Anaerobe, 2010, 16, 420-425.	2.1	85
47	The influence of pomegranate by-product and punicalagins on selected groups of human intestinal microbiota. International Journal of Food Microbiology, 2010, 140, 175-182.	4.7	209
48	A human volunteer study to assess the impact of confectionery sweeteners on the gut microbiota composition. British Journal of Nutrition, 2010, 104, 701-708.	2.3	63
49	Prebiotic effects: metabolic and health benefits. British Journal of Nutrition, 2010, 104, S1-S63.	2.3	1,745
50	A double-blind, placebo-controlled, cross-over study to establish the bifidogenic effect of a very-long-chain inulin extracted from globe artichoke (Cynara scolymus) in healthy human subjects. British Journal of Nutrition, 2010, 104, 1007-1017.	2.3	176
51	Microbiology of the Human Intestinal Tract and Approaches for Its Dietary Modulation. Current Pharmaceutical Design, 2009, 15, 1403-1414.	1.9	77
52	In vitro effects of selected synbiotics on the human faecal microbiota composition. FEMS Microbiology Ecology, 2008, 66, 516-527.	2.7	102
53	Modulation of the fecal microflora profile and immune function by a novel trans-galactooligosaccharide mixture (B-GOS) in healthy elderly volunteers. American Journal of Clinical Nutrition, 2008, 88, 1438-1446.	4.7	346
54	Prebiotics as Gut Microflora Management Tools. Journal of Clinical Gastroenterology, 2008, 42, S75-S79.	2.2	78

#	Article	IF	Citations
55	Prebiotic Capacity of Inulin-Type Fructans. Journal of Nutrition, 2007, 137, 2503S-2506S.	2.9	198
56	Metabolic Endotoxemia Initiates Obesity and Insulin Resistance. Diabetes, 2007, 56, 1761-1772.	0.6	4,964
57	The Normal Microbiota of the Human Gastrointestinal Tract. , 2006, , 51-73.		4
58	Polydextrose, Lactitol, and Fructo-Oligosaccharide Fermentation by Colonic Bacteria in a Three-Stage Continuous Culture System. Applied and Environmental Microbiology, 2004, 70, 4505-4511.	3.1	122
59	Fibre and effects on probiotics (the prebiotic concept). Clinical Nutrition Supplements, 2004, 1, 25-31.	0.0	190
60	Colonic metabolism of dietary polyphenols: influence of structure on microbial fermentation products. Free Radical Biology and Medicine, 2004, 36, 212-225.	2.9	431
61	Molecular identification and anti-pathogenic activities of putative probiotic bacteria isolated from faeces of healthy elderly individuals. Microbial Ecology in Health and Disease, 2004, 16, 105-112.	3.5	18
62	Dietary modulation of the human colonic microbiota: updating the concept of prebiotics. Nutrition Research Reviews, 2004, 17, 259-275.	4.1	1,928
63	An in vitro assessment of the effects of broad-spectrum antibiotics on the human gut microflora and concomitant isolation of a Lactobacillus plantarum with anti-Candida activities. Anaerobe, 2004, 10, 165-165.	2.1	0
64	rRNA Probes Used to Quantify the Effects of Glycomacropeptide and Î±-Lactalbumin Supplementation on the Predominant Groups of Intestinal Bacteria of Infant Rhesus Monkeys Challenged with Enteropathogenic Escherichia coli. Journal of Pediatric Gastroenterology and Nutrition, 2003, 37, 273-280.	1.8	69
65	A Human Volunteer Study to Determine the Prebiotic Effects of Lactulose Powder on Human Colonic Microbiota. Microbial Ecology in Health and Disease, 2002, 14, 165-173.	3.5	127
66	Cholesterol Assimilation by Lactic Acid Bacteria and Bifidobacteria Isolated from the Human Gut. Applied and Environmental Microbiology, 2002, 68, 4689-4693.	3.1	370
67	Carbohydrates: a limit on bacterial diversity within the colon. Biological Reviews, 2002, 77, 443-453.	10.4	26
68	The microbiology of phytic acid metabolism by gut bacteria and relevance for bowel cancer. International Journal of Food Science and Technology, 2002, 37, 783-790.	2.7	23
69	In vitro investigations of the effect of probiotics and prebiotics on selected human intestinal pathogens. FEMS Microbiology Ecology, 2002, 39, 67-75.	2.7	182
70	The effects of the novel bifidogenic trisaccharide, neokestose, on the human colonic microbiota. World Journal of Microbiology and Biotechnology, 2002, 18, 637-644.	3.6	90
71	A Human Volunteer Study on the Prebiotic Effects of HP-Inulinâ€"Faecal Bacteria Enumerated Using Fluorescent In Situ Hybridisation (FISH). Anaerobe, 2001, 7, 113-118.	2.1	107
72	Clostridium hathewayi sp. nov., from Human Faeces. Systematic and Applied Microbiology, 2001, 24, 353-357.	2.8	75

#	Article	IF	Citations
73	Synthesis and Fermentation Properties of Novel Galacto-Oligosaccharides by Î²-Galactosidases from Bifidobacterium Species. Applied and Environmental Microbiology, 2001, 67, 2526-2530.	3.1	163
74	Differences in the gut bacterial flora of healthy and milk-hypersensitive adults, as measured by fluorescence in situ hybridization. FEMS Immunology and Medical Microbiology, 2001, 30, 217-221.	2.7	1
75	In vitro fermentability of dextran, oligodextran and maltodextrin by human gut bacteria. British Journal of Nutrition, 2000, 83, 247-255.	2.3	192
76	Aspects of In Vitro and In Vivo Research Approaches Directed Toward Identifying Probiotics and Prebiotics for Human Use. Journal of Nutrition, 2000, 130, 391S-395S.	2.9	267
77	Perspectives on the role of the human gut microbiota and its modulation by pro- and prebiotics. Nutrition Research Reviews, 2000, 13, 229-254.	4.1	157
78	Microbes involved in dissimilatory nitrate reduction in the human large intestine. FEMS Microbiology Ecology, 2000, 31, 21-28.	2.7	1
79	Functional foods. , 2000, , .		67
80	Gut fermentation and health advantages: myth or reality?. British Journal of Nutrition, 1999, 81, 83-84.	2.3	29
81	Prebiotics, probiotics and human gut microbiology. International Dairy Journal, 1999, 9, 53-61.	3.0	294
82	Dietary Modulation of the Human Gut Microflora Using the Prebiotics Oligofructose and Inulin. Journal of Nutrition, 1999, 129, 1438S-1441S.	2.9	295
83	Probiotics, prebiotics, and synbiotics: approaches for modulating the microbial ecology of the gut. American Journal of Clinical Nutrition, 1999, 69, 1052S-1057S.	4.7	653
84	The effect of a model melanoidin mixture on faecal bacterial populationsin vitro. British Journal of Nutrition, 1999, 82, 489-495.	2.3	112
85	Prebiotics. , 1999, , 101-124.		23
86	Direct Analysis of Genes Encoding 16S rRNA from Complex Communities Reveals Many Novel Molecular Species within the Human Gut. Applied and Environmental Microbiology, 1999, 65, 4799-4807.	3.1	1,253
87	Probiotics and prebiotics: microflora management for improved gut health. Clinical Microbiology and Infection, 1998, 4, 477-480.	6.0	69
88	An Overview of Probiotics, Prebiotics and Synbiotics in the Functional Food Concept: Perspectives and Future Strategies. International Dairy Journal, 1998, 8, 473-479.	3.0	287
89	The Bifidogenic Nature of Chicory Inulin and Its Hydrolysis Products. Journal of Nutrition, 1998, 128, 11-19.	2.9	611
90	Dietary modulation of the human gut microflora using prebiotics. British Journal of Nutrition, 1998, 80, S209-S212.	2.3	263

#	Article	IF	Citations
91	Fermentation of non-digestible oligosaccharides by human colonic bacteria. Proceedings of the Nutrition Society, 1996, 55, 899-912.	1.0	63
92	Dietary Modulation of the Human Colonic Microbiota: Introducing the Concept of Prebiotics. Journal of Nutrition, 1995, 125, 1401-1412.	2.9	5,657
93	Selective stimulation of bifidobacteria in the human colon by oligofructose and inulin. Gastroenterology, 1995, 108, 975-982.	1.3	1,333
94	Enrichment of bifidobacteria from human gut contents by oligofructose using continuous culture. FEMS Microbiology Letters, 1994, 118, 121-127.	1.8	215
95	Impaired hydrogen metabolism in pneumatosis cystoides intestinalis. Gastroenterology, 1993, 104, 392-397.	1.3	78
96	Production, metabolism, and excretion of hydrogen in the large intestine. Gastroenterology, 1992, 102, 1269-1277.	1.3	253