## Arthur C Ouwehand

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1603990/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Probiotics: an overview of beneficial effects. Antonie Van Leeuwenhoek, 2002, 82, 279-289.	0.7	737
2	Lactobacillus acidophilus modulates intestinal pain and induces opioid and cannabinoid receptors. Nature Medicine, 2007, 13, 35-37.	15.2	734
3	Intestinal mucosal adherence and translocation of commensal bacteria at the early onset of type 2 diabetes: molecular mechanisms and probiotic treatment. EMBO Molecular Medicine, 2011, 3, 559-572.	3.3	694
4	Food fermentations: Microorganisms with technological beneficial use. International Journal of Food Microbiology, 2012, 154, 87-97.	2.1	591
5	Probiotics: how should they be defined?. Trends in Food Science and Technology, 1999, 10, 107-110.	7.8	361
6	The Health Effects of Cultured Milk Products with Viable and Non-viable Bacteria. International Dairy Journal, 1998, 8, 749-758.	1.5	359
7	Immune enhancement in rainbow trout (Oncorhynchus mykiss) by potential probiotic bacteria (Lactobacillus rhamnosus). Fish and Shellfish Immunology, 2003, 15, 443-452.	1.6	350
8	Probiotics: mechanisms and established effects. International Dairy Journal, 1999, 9, 43-52.	1.5	334
9	Streptococcus mutans, Caries and Simulation Models. Nutrients, 2010, 2, 290-298.	1.7	282
10	Human intestinal microbiota and healthy ageing. Ageing Research Reviews, 2010, 9, 107-116.	5.0	280
11	Intestinal microbiota is altered in patients with colon cancer and modified by probiotic intervention. BMJ Open Gastroenterology, 2017, 4, e000145.	1.1	266
12	Probiotic Effects on Cold and Influenza-Like Symptom Incidence and Duration in Children. Pediatrics, 2009, 124, e172-e179.	1.0	262
13	Displacement of bacterial pathogens from mucus and Caco-2 cell surface by lactobacilli. Journal of Medical Microbiology, 2003, 52, 925-930.	0.7	259
14	Probiotics. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2004, 18, 299-313.	1.0	258
15	Differences in Bifidobacterium flora composition in allergic and healthy infants. Journal of Allergy and Clinical Immunology, 2001, 108, 144-145.	1.5	237
16	Characterization of the Properties of Human- and Dairy-Derived Probiotics for Prevention of Infectious Diseases in Fish. Applied and Environmental Microbiology, 2001, 67, 2430-2435.	1.4	232
17	The ability of probiotic bacteria to bind to human intestinal mucus. FEMS Microbiology Letters, 1998, 167, 185-189.	0.7	219
18	Protection of rainbow trout (Oncorhynchus mykiss) from furunculosis by Lactobacillus rhamnosus. Aquaculture, 2001, 198, 229-236.	1.7	219

#	Article	IF	CITATIONS
19	Criteria to Qualify Microorganisms as "Probiotic―in Foods and Dietary Supplements. Frontiers in Microbiology, 2020, 11, 1662.	1.5	216
20	Probiotics: an overview of beneficial effects. Antonie Van Leeuwenhoek, 2002, 82, 279-89.	0.7	208
21	The Production and Delivery of Probiotics: A Review of a Practical Approach. Microorganisms, 2019, 7, 83.	1.6	205
22	Transforming growth factor-β in breast milk: A potential regulator of atopic disease at an early ageâ~†â~†â~†â~ Journal of Allergy and Clinical Immunology, 1999, 104, 1251-1257.	1.5	199
23	Adhesion of probiotic micro-organisms to intestinal mucus. International Dairy Journal, 1999, 9, 623-630.	1.5	198
24	Binding of aflatoxin B1to cell wall components ofLactobacillus rhamnosusstrain GG. Food Additives and Contaminants, 2004, 21, 158-164.	2.0	193
25	The effect of probiotic bacteria on the adhesion of pathogens to human intestinal mucus. FEMS Immunology and Medical Microbiology, 1999, 26, 137-142.	2.7	182
26	Comparison of mucosal adhesion and species identification of bifidobacteria isolated from healthy and allergic infants. FEMS Immunology and Medical Microbiology, 2001, 30, 43-47.	2.7	182
27	Effect of Probiotics on Constipation, Fecal Azoreductase Activity and Fecal Mucin Content in the Elderly. Annals of Nutrition and Metabolism, 2002, 46, 159-162.	1.0	171
28	Clinical Applications of Probiotic Bacteria. International Dairy Journal, 1998, 8, 563-572.	1.5	165
29	Quantitative Approach in the Study of Adhesion of Lactic Acid Bacteria to Intestinal Cells and Their Competition with Enterobacteria. Applied and Environmental Microbiology, 2000, 66, 3692-3697.	1.4	161
30	Dose-response effect of <i>Bifidobacterium lactis</i> HN019 on whole gut transit time and functional gastrointestinal symptoms in adults. Scandinavian Journal of Gastroenterology, 2011, 46, 1057-1064.	0.6	156
31	Adherence of Probiotic Bacteria to Human Intestinal Mucus in Healthy Infants and during Rotavirus Infection. Vaccine Journal, 2001, 8, 293-296.	2.6	155
32	The role of the intestinal microflora for the development of the immune system in early childhood. European Journal of Nutrition, 2002, 41, 1-1.	1.8	153
33	Influence of a combination of <i>Lactobacillus acidophilus</i> NCFM and lactitol on healthy elderly: intestinal and immune parameters. British Journal of Nutrition, 2009, 101, 367-375.	1.2	151
34	Assessment of adhesion properties of novel probiotic strains to human intestinal mucus. International Journal of Food Microbiology, 2001, 64, 119-126.	2.1	150
35	Prebiotics and other microbial substrates for gut functionality. Current Opinion in Biotechnology, 2005, 16, 212-217.	3.3	148
36	The Hygiene Hypothesis of Atopic Disease–An Extended Version. Journal of Pediatric Gastroenterology and Nutrition, 2004, 38, 378-388.	0.9	144

#	Article	IF	CITATIONS
37	Effects of seven potential probiotic strains on specific immune responses in healthy adults: a double-blind, randomized, controlled trial. FEMS Immunology and Medical Microbiology, 2008, 53, 107-113.	2.7	144
38	<i>Bifidobacterium</i> microbiota and parameters of immune function in elderly subjects. FEMS Immunology and Medical Microbiology, 2008, 53, 18-25.	2.7	141
39	Measurement of bacterial adhesion—in vitro evaluation of different methods. Journal of Microbiological Methods, 2005, 60, 225-233.	0.7	138
40	The effect of feeding essential oils on broiler performance and gut microbiota. British Poultry Science, 2010, 51, 381-392.	0.8	138
41	A review of dose-responses of probiotics in human studies. Beneficial Microbes, 2017, 8, 143-151.	1.0	135
42	Differences in Composition and Mucosal Adhesion of Bifidobacteria Isolated from Healthy Adults and Healthy Seniors. Current Microbiology, 2001, 43, 351-354.	1.0	131
43	Interaction between probiotic lactic acid bacteria and canine enteric pathogens: a risk factor for intestinal Enterococcus faecium colonization?. Veterinary Microbiology, 2003, 92, 111-119.	0.8	131
44	Oral adhesion and survival of probiotic and other lactobacilli and bifidobacteria in vitro. Oral Microbiology and Immunology, 2006, 21, 326-332.	2.8	130
45	Antiallergic Effects of Probiotics1,. Journal of Nutrition, 2007, 137, 794S-797S.	1.3	128
46	Xylo-oligosaccharides alone or in synbiotic combination with <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> 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.	1.2	120
47	Probiotic approach to prevent antibiotic resistance. Annals of Medicine, 2016, 48, 246-255.	1.5	119
48	Staphylococcus aureus adheres to human intestinal mucus but can be displaced by certain lactic acid bacteria. Microbiology (United Kingdom), 2006, 152, 1819-1826.	0.7	115
49	Adhesion of fourBifidobacteriumstrains to human intestinal mucus from subjects in different age groups. FEMS Microbiology Letters, 1999, 172, 61-64.	0.7	114
50	The mucus binding of Bifidobacterium lactis Bb12 is enhanced in the presence of Lactobacillus GG and Lact. delbrueckii subsp. bulgaricus. Letters in Applied Microbiology, 2000, 30, 10-13.	1.0	112
51	Cytokine Production by the Murine Macrophage Cell Line J774.1 after Exposure to Lactobacilli. Bioscience, Biotechnology and Biochemistry, 2002, 66, 1963-1966.	0.6	110
52	Absence of host specificity for in vitro adhesion of probiotic lactic acid bacteria to intestinal mucus. Veterinary Microbiology, 2003, 97, 55-61.	0.8	109
53	Specific probiotics alleviate allergic rhinitis during the birch pollen season. World Journal of Gastroenterology, 2009, 15, 3261.	1.4	107
54	Xylo-oligosaccharides and lactitol promote the growth of <i>Bifidobacterium lactis</i> and <i>Lactobacillus</i> species in pure cultures. Beneficial Microbes, 2010, 1, 139-148.	1.0	106

#	Article	IF	CITATIONS
55	Impact of polydextrose on the faecal microbiota: a double-blind, crossover, placebo-controlled feeding study in healthy human subjects. British Journal of Nutrition, 2012, 108, 471-481.	1.2	105
56	Qualitative and quantitative analyses of the bifidobacterial microbiota in the colonic mucosa of patients with colorectal cancer, diverticulitis and inflammatory bowel disease. World Journal of Gastroenterology, 2007, 13, 3985.	1.4	102
57	Adhesion of inactivated probiotic strains to intestinal mucus. Letters in Applied Microbiology, 2000, 31, 82-86.	1.0	100
58	Stimulation of the Secretion of Proâ€Inflammatory Cytokines by <i>Bifidobacterium</i> Strains. Microbiology and Immunology, 2002, 46, 781-785.	0.7	100
59	Effect of four probiotic strains and Escherichia coli O157:H7 on tight junction integrity and cyclo-oxygenase expression. Research in Microbiology, 2008, 159, 692-698.	1.0	99
60	Monitoring immune modulation by nutrition in the general population: identifying and substantiating effects on human health. British Journal of Nutrition, 2013, 110, S1-S30.	1.2	99
61	Adhesion of Lactic Acid Bacteria to Cacoâ€2 Cells and Their Effect on Cytokine Secretion. Microbiology and Immunology, 2002, 46, 293-297.	0.7	98
62	Chemical, physical and enzymatic pre-treatments of probiotic lactobacilli alter their adhesion to human intestinal mucus glycoproteins. International Journal of Food Microbiology, 2000, 60, 75-81.	2.1	95
63	Xylo-oligosaccharides enhance the growth of bifidobacteria and <i>Bifidobacterium lactis</i> in a simulated colon model. Beneficial Microbes, 2010, 1, 81-91.	1.0	95
64	Comparison of four methods to enumerate probiotic bifidobacteria in a fermented food product. Food Microbiology, 2006, 23, 571-577.	2.1	93
65	In vitroadhesion assays for probiotics and theirin vivorelevance: a review. Microbial Ecology in Health and Disease, 2003, 15, 175-184.	3.8	92
66	Probiotics and immunosenescence: cheese as a carrier. FEMS Immunology and Medical Microbiology, 2010, 59, 53-59.	2.7	92
67	Irritable bowel syndrome symptom severity improves equally with probiotic and placebo. World Journal of Gastroenterology, 2016, 22, 10631.	1.4	91
68	Adhesion studies for probiotics: need for validation and refinement. Trends in Food Science and Technology, 1999, 10, 405-410.	7.8	89
69	Probiotic supplementation decreases intestinal transit time: Meta-analysis of randomized controlled trials. World Journal of Gastroenterology, 2013, 19, 4718.	1.4	88
70	Probiotic cheese containing Lactobacillus rhamnosus HN001 and Lactobacillus acidophilus NCFM® modifies subpopulations of fecal lactobacilli and Clostridium difficile in the elderly. Age, 2012, 34, 133-143.	3.0	87
71	Degradation of 16S rRNA and attributes of viability of viable but nonculturable probiotic bacteria. Letters in Applied Microbiology, 2008, 46, 693-698.	1.0	83
72	Effect of starch- and lipid-based encapsulation on the culturability of two Bifidobacterium longum strains. Letters in Applied Microbiology, 2007, 44, 500-505.	1.0	82

#	Article	IF	CITATIONS
73	Probiotic Bacteria May Become Dormant during Storage. Applied and Environmental Microbiology, 2005, 71, 1662-1663.	1.4	81
74	Probiotics: towards demonstrating efficacy. Trends in Food Science and Technology, 1999, 10, 393-399.	7.8	80
75	Intestinal Bifidobacterium species induce varying cytokine production. Journal of Allergy and Clinical Immunology, 2002, 109, 1035-1036.	1.5	79
76	Association between the ABO blood group and the human intestinal microbiota composition. BMC Microbiology, 2012, 12, 94.	1.3	79
77	Probiotics reduce symptoms of antibiotic use in a hospital setting: A randomized dose response study. Vaccine, 2014, 32, 458-463.	1.7	79
78	Probiotic use in at-risk populations. Journal of the American Pharmacists Association: JAPhA, 2016, 56, 680-686.	0.7	79
79	The Effects of Polydextrose and Xylitol on Microbial Community and Activity in a 4-Stage Colon Simulator. Journal of Food Science, 2007, 72, M153-M159.	1.5	75
80	Effectiveness of Multi-strain Versus Single-strain Probiotics. Journal of Clinical Gastroenterology, 2018, 52, S35-S40.	1.1	75
81	Intestinal Mucus Alters the Ability of Probiotic Bacteria To Bind Aflatoxin B 1 In Vitro. Applied and Environmental Microbiology, 2004, 70, 6306-6308.	1.4	73
82	In vitro effects of essential oils on potential pathogens and beneficial members of the normal microbiota. Veterinarni Medicina, 2010, 55, 71-78.	0.2	73
83	Probiotics from an industrial perspective. Anaerobe, 2011, 17, 410-413.	1.0	72
84	Safety assessment of Lactobacillus strains: Presence of putative risk factors in faecal, blood and probiotic isolates. International Journal of Food Microbiology, 2007, 116, 325-331.	2.1	71
85	The effect of ageing with and without non-steroidal anti-inflammatory drugs on gastrointestinal microbiology and immunology. British Journal of Nutrition, 2008, 100, 130-137.	1.2	71
86	Selection of enterococci for potential canine probiotic additives. Veterinary Microbiology, 2004, 100, 107-114.	0.8	69
87	Good adhesion properties of probiotics: a potential risk for bacteremia?. FEMS Immunology and Medical Microbiology, 2001, 31, 35-39.	2.7	68
88	Effects of genetic, processing, or product formulation changes on efficacy and safety of probiotics. Annals of the New York Academy of Sciences, 2014, 1309, 1-18.	1.8	66
89	Adhesion of <i>Bifidobacterium</i> Spp. to Human Intestinal Mucus. Microbiology and Immunology, 2001, 45, 259-262.	0.7	65
90	The use of <i>in vitro</i> model systems to study dental biofilms associated with caries: a short review. Journal of Oral Microbiology, 2015, 7, 26149.	1.2	65

#	Article	IF	CITATIONS
91	Polydextrose: Physiological Function, and Effects on Health. Nutrients, 2016, 8, 553.	1.7	65
92	Adhesion of bacteria to resected human colonic tissue: Quantitative analysis of bacterial adhesion and viability. Research in Microbiology, 2005, 156, 238-244.	1.0	64
93	Effects of 28-day <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> HN019 supplementation on colonic transit time and gastrointestinal symptoms in adults with functional constipation: A double-blind, randomized, placebo-controlled, and dose-ranging trial. Gut Microbes, 2018, 9, 236-251.	4.3	64
94	Human ileostomy glycoproteins as a model for small intestinal mucus to investigate adhesion of probiotics. Letters in Applied Microbiology, 1999, 28, 159-163.	1.0	62
95	The effect of 2′-fucosyllactose on simulated infant gut microbiome and metabolites; a pilot study in comparison to GOS and lactose. Scientific Reports, 2019, 9, 13232.	1.6	62
96	Some putative prebiotics increase the severity of Salmonella entericaserovar Typhimurium infection in mice. BMC Microbiology, 2009, 9, 245.	1.3	61
97	Effect of yogurt containing polydextrose, Lactobacillus acidophilus NCFM and Bifidobacterium lactis HN019: a randomized, double-blind, controlled study in chronic constipation. Nutrition Journal, 2014, 13, 75.	1.5	61
98	Global analysis of clinical trials with probiotics. Heliyon, 2020, 6, e04467.	1.4	60
99	Fermented cereal with specific bifidobacteria normalizes bowel movements in elderly nursing home residents. A randomized, controlled trial. Journal of Nutrition, Health and Aging, 2007, 11, 305-11.	1.5	59
100	Intrinsic Properties of So-Called Dormant Probiotic Bacteria, Determined by Flow Cytometric Viability Assays. Applied and Environmental Microbiology, 2006, 72, 5132-5134.	1.4	58
101	Microbiota Composition of the Intestinal Mucosa: Association with Fecal Microbiota?. Microbiology and Immunology, 2004, 48, 497-500.	0.7	57
102	Gut microbiota of healthy elderly NSAID users is selectively modified with the administration of Lactobacillus acidophilus NCFM and lactitol. Age, 2012, 34, 987-999.	3.0	57
103	Probiotics for the skin: a new area of potential application?. Letters in Applied Microbiology, 2003, 36, 327-331.	1.0	55
104	Use of a probiotic Bifidobacterium in a dry food matrix, an in vivo study. International Journal of Food Microbiology, 2004, 95, 103-106.	2.1	55
105	Understanding mode of action can drive the translational pipeline towards more reliable health benefits for probiotics. Current Opinion in Biotechnology, 2019, 56, 55-60.	3.3	55
106	Bifidobacterium animalis subsp lactis HN019 presents antimicrobial potential against periodontopathogens and modulates the immunological response of oral mucosa in periodontitis patients. PLoS ONE, 2020, 15, e0238425.	1.1	55
107	Xylitol's Health Benefits beyond Dental Health: A Comprehensive Review. Nutrients, 2019, 11, 1813.	1.7	54
108	The normal faecal microflora does not affect the adhesion of probiotic bacteria in vitro. FEMS Microbiology Letters, 1999, 177, 35-38.	0.7	52

#	Article	IF	CITATIONS
109	Regulation of the IL-10/IL-12 axis in human dendritic cells with probiotic bacteria. FEMS Immunology and Medical Microbiology, 2011, 63, 93-107.	2.7	52
110	In Vitro Adhesion and Platelet Aggregation Properties of Bacteremia-Associated Lactobacilli. Infection and Immunity, 1999, 67, 2653-2655.	1.0	52
111	Effects of Lactose on Colon Microbial Community Structure and Function in a Four-Stage Semi-Continuous Culture System. Bioscience, Biotechnology and Biochemistry, 2006, 70, 2056-2063.	0.6	51
112	Effect of overweight on gastrointestinal microbiology and immunology: correlation with blood biomarkers. British Journal of Nutrition, 2010, 103, 1070-1078.	1.2	50
113	Expression and characterization of an endo-1,4-β-galactanase from Emericella nidulans in Pichia pastoris for enzymatic design of potentially prebiotic oligosaccharides from potato galactans. Enzyme and Microbial Technology, 2012, 50, 121-129.	1.6	50
114	Modulation of the host response by probiotic <i><scp>L</scp>actobacillus brevis</i> <scp>CD</scp> 2 in experimental gingivitis. Oral Diseases, 2015, 21, 705-712.	1.5	49
115	Safety evaluation of probiotics. Trends in Food Science and Technology, 1999, 10, 418-424.	7.8	47
116	Panose, a new prebiotic candidate. Letters in Applied Microbiology, 2009, 49, 666-672.	1.0	47
117	Probiotic lactobacilli in a semi-soft cheese survive in the simulated human gastrointestinal tract. International Dairy Journal, 2009, 19, 675-683.	1.5	47
118	Effect of Molecule Branching and Glycosidic Linkage on the Degradation of Polydextrose by Gut Microbiota. Bioscience, Biotechnology and Biochemistry, 2010, 74, 2016-2021.	0.6	47
119	Comparison of bacterial quantities in left and right colon biopsies and faeces. World Journal of Gastroenterology, 2012, 18, 4404.	1.4	47
120	Effects of probiotic-containing products on stool frequency and intestinal transit in constipated adults: systematic review and meta-analysis of randomized controlled trials. Annals of Gastroenterology, 2017, 30, 629-639.	0.4	47
121	Rapid screening method for the detection of antimicrobial substances. Journal of Microbiological Methods, 2004, 57, 23-31.	0.7	46
122	Novel Genes and Metabolite Trends in Bifidobacterium longum subsp. infantis Bi-26 Metabolism of Human Milk Oligosaccharide 2′-fucosyllactose. Scientific Reports, 2019, 9, 7983.	1.6	45
123	Probiotics: an overview of beneficial effects. , 2002, , 279-289.		45
124	Consumption of <i>Bifidobacterium lactis</i> Bi-07 by healthy elderly adults enhances phagocytic activity of monocytes and granulocytes. Journal of Nutritional Science, 2013, 2, e44.	0.7	44
125	Effect of Orally Administered Nonâ€Viable <i>Lactobacillus</i> Cells on Murine Humoral Immune Responses. Microbiology and Immunology, 2005, 49, 993-997.	0.7	43
126	In vitro adhesion of lactic acid bacteria to canine small intestinal mucus. Journal of Animal Physiology and Animal Nutrition, 2000, 84, 43-47.	1.0	42

#	Article	IF	CITATIONS
127	The Effect of Digestive Enzymes on the Adhesion of Probiotic Bacteria In Vitro. Journal of Food Science, 2001, 66, 856-859.	1.5	42
128	Resected Human Colonic Tissue: New Model for Characterizing Adhesion of Lactic Acid Bacteria. Vaccine Journal, 2002, 9, 184-186.	3.2	41
129	Streptococcus alactolyticus is the dominating culturable lactic acid bacterium species in canine jejunum and feces of four fistulated dogs. FEMS Microbiology Letters, 2004, 230, 35-39.	0.7	41
130	Potential of enterococci isolated from horses. Anaerobe, 2008, 14, 234-236.	1.0	40
131	Lactobacilli vaginal colonisation after oral consumption of Respecta® complex: a randomised controlled pilot study. Archives of Gynecology and Obstetrics, 2015, 292, 861-867.	0.8	40
132	Contemporary meta-analysis of short-term probiotic consumption on gastrointestinal transit. World Journal of Gastroenterology, 2016, 22, 5122.	1.4	40
133	Safety evaluation of HOWARU® Restore (Lactobacillus acidophilus NCFM, Lactobacillus paracasei) Tj ETQq1 genomic risk factors, and acute toxicity. Food and Chemical Toxicology, 2017, 110, 316-324.	1 0.784314 1.8	rgBT /Overloc 40
134	Bifidobacterium animalis subsp. lactis 420 for Metabolic Health: Review of the Research. Nutrients, 2020, 12, 892.	1.7	40
135	Inventing probiotic functional foods for patients with allergic disease. Annals of Allergy, Asthma and Immunology, 2002, 89, 75-82.	0.5	39
136	Phenotypic Differences between Commercial Lactobacillus rhamnosus GG and L. rhamnosus Strains Recovered from Blood. Clinical Infectious Diseases, 2004, 39, 1858-1860.	2.9	39
137	Inflammation Markers and Malnutrition as Risk Factors for Infections and Impaired Health-Related Quality of Life Among Older Nursing Home Residents. Journal of the American Medical Directors Association, 2009, 10, 348-353.	1.2	39
138	Performance of bifidobacteria in oat-based media. International Journal of Food Microbiology, 2003, 83, 105-109.	2.1	38
139	Disease-Dependent Adhesion of Lactic Acid Bacteria to the Human Intestinal Mucosa. Vaccine Journal, 2003, 10, 643-646.	3.2	37
140	Adhesion Properties of Enterococci to Intestinal Mucus of Different Hosts. Veterinary Research Communications, 2004, 28, 647-655.	0.6	37
141	Efficacy and tolerance of lactitol supplementation for adult constipation: a systematic review and meta-analysis. Clinical and Experimental Gastroenterology, 2014, 7, 241.	1.0	37
142	A cross-sectional comparative study of gut bacterial community of Indian and Finnish children. Scientific Reports, 2017, 7, 10555.	1.6	37
143	Lactobacillus paracasei subsp. paracasei F19: Survival, Ecology and Safety in the Human Intestinal Tract - A Survey of Feeding Studies within the PROBDEMO Project. Microbial Ecology in Health and Disease, 2002, 14, 22-26.	3.8	36
144	Enzyme catalysed production of sialylated human milk oligosaccharides and galactooligosaccharides by Trypanosoma cruzi trans-sialidase. New Biotechnology, 2014, 31, 156-165.	2.4	36

#	Article	IF	CITATIONS
145	The fermentation of polydextrose in the large intestine and its beneficial effects. Beneficial Microbes, 2014, 5, 305-313.	1.0	36
146	In vitro adhesion of propionic acid bacteria to human intestinal mucus. Dairy Science and Technology, 2002, 82, 123-130.	0.9	35
147	Safety of probiotics. Scandinavian Journal of Nutrition, 2004, 48, 42-48.	0.2	34
148	Synbiotic effects of lactitol and <i>Lactobacillus acidophilus</i> NCFMâ,,¢ in a semi-continuous colon fermentation model. Beneficial Microbes, 2010, 1, 131-137.	1.0	34
149	Purification and characterization of a component produced by <i>Lactobacillus fermentum</i> that inhibits the adhesion of K88 expressing <i>Escherichia coli</i> to porcine ileal mucus. Journal of Applied Bacteriology, 1996, 80, 311-318.	1.1	33
150	The effect of probiotics on faecal microbiota and genotoxic activity of faecal water in patients with atopic dermatitis: A randomized, placebo-controlled study. Clinical Nutrition, 2012, 31, 22-29.	2.3	33
151	<i>In Vivo</i> Safety Assessment of Two <i>Bifidobacterium longum</i> Strains. Microbiology and Immunology, 2003, 47, 911-914.	0.7	32
152	[13] Microbial interactions to intestinal mucosal models. Methods in Enzymology, 2001, 337, 200-212.	0.4	31
153	Safety evaluation of AB-LIFE® (Lactobacillus plantarum CECT 7527, 7528 and 7529): Antibiotic resistance and 90-day repeated-dose study in rats. Food and Chemical Toxicology, 2016, 92, 117-128.	1.8	31
154	Gastroesophageal Reflux Disease and Probiotics: A Systematic Review. Nutrients, 2020, 12, 132.	1.7	31
155	Lactobacilli and enterococci — Potential probiotics for dogs. Folia Microbiologica, 2004, 49, 203-207.	1.1	30
156	Consumption of probiotics increases the effect of regulatory T cells in transfer colitis. Inflammatory Bowel Diseases, 2012, 18, 131-142.	0.9	30
157	Impact of Dietary Polydextrose Fiber on the Human Gut Metabolome. Journal of Agricultural and Food Chemistry, 2014, 62, 9944-9951.	2.4	30
158	Specific Bifidobacterium strains isolated from elderly subjects inhibit growth of Staphylococcus aureus. International Journal of Food Microbiology, 2007, 117, 125-128.	2.1	29
159	Antimicrobial Components from Lactic Acid Bacteria. , 2004, , .		28
160	Certain dietary carbohydrates promote Listeria infection in a guinea pig model, while others prevent it. International Journal of Food Microbiology, 2010, 140, 218-224.	2.1	28
161	Influence of a probiotic mixture on antibiotic induced microbiota disturbances. World Journal of Gastroenterology, 2014, 20, 11878.	1.4	28
162	Changes in satiety hormone concentrations and feed intake in rats in response to lactic acid bacteria. Appetite, 2013, 71, 16-21.	1.8	27

#	Article	IF	CITATIONS
163	Effect of probiotic supplementation on total lactobacilli, bifidobacteria and short chain fatty acids in 2–5-year-old children. Microbial Ecology in Health and Disease, 2017, 28, 1298340.	3.8	27
164	Bifidobacterium animalis subsp. lactis HN019 Effects on Gut Health: A Review. Frontiers in Nutrition, 2021, 8, 790561.	1.6	27
165	Intestinal microbiota and overweight. Beneficial Microbes, 2010, 1, 407-421.	1.0	26
166	Influence of sucrose and xylitol on an early Streptococcus mutans biofilm in a dental simulator. Archives of Oral Biology, 2016, 70, 39-46.	0.8	26
167	<i>Lactobacillus acidophilus</i> supplementation in human subjects and their resistance to enterotoxigenic <i>Escherichia coli</i> infection. British Journal of Nutrition, 2014, 111, 465-473.	1.2	25
168	Technological Characterisation of Probiotic Lactic Acid Bacteria as Starter Cultures for Dry Fermented Sausages. Foods, 2020, 9, 596.	1.9	25
169	Probiotics: on-going research on atopic individuals. British Journal of Nutrition, 2002, 88, s19-s27.	1.2	23
170	Improved Artificial Saliva for Studying the Cariogenic Effect of Carbohydrates. Current Microbiology, 2011, 63, 46-49.	1.0	23
171	The effect of a probiotic blend on gastrointestinal symptoms in constipated patients: a double blind, randomised, placebo controlled 2-week trial. Beneficial Microbes, 2019, 10, 617-627.	1.0	22
172	Inhibition of S-fimbria-mediated adhesion to human ileostomy glycoproteins by a protein isolated from bovine colostrum. Infection and Immunity, 1995, 63, 4917-4920.	1.0	22
173	Polydextrose functional fibre. Nutrafoods, 2011, 10, 23-28.	0.5	21
174	Role of D-mannose in urinary tract infections – a narrative review. Nutrition Journal, 2022, 21, 18.	1.5	21
175	Inhibition of pathogen adhesion by $\hat{l}^2$ -lactoglobulin. International Dairy Journal, 1997, 7, 685-692.	1.5	20
176	Cadmium Removal by Lactic Acid Bacteria. Bioscience and Microflora, 2003, 22, 93-97.	0.5	20
177	Analysis of the human intestinal epithelial cell transcriptional response to Lactobacillus acidophilus, Lactobacillus salivarius, Bifidobacterium lactis and Escherichia coli. Beneficial Microbes, 2010, 1, 283-295.	1.0	18
178	Normative values for stool frequency and form using Rome III diagnostic criteria for functional constipation in adults. Annals of Gastroenterology, 2016, 30, 161-167.	0.4	17
179	Gut microbial activity as influenced by fiber digestion: dynamic metabolomics in an in vitro colon simulator. Metabolomics, 2016, 12, 1.	1.4	17
180	Metabolic Fate of <sup>13</sup> C-Labeled Polydextrose and Impact on the Gut Microbiome: A Triple-Phase Study in a Colon Simulator. Journal of Proteome Research, 2018, 17, 1041-1053.	1.8	17

#	Article	IF	CITATIONS
181	Recovery of Vaginal Microbiota after Standard Treatment for Bacterial Vaginosis Infection: An Observational Study. Microorganisms, 2020, 8, 875.	1.6	17
182	A Probiotic, Lactobacillus fermentum ME-3, Has Antioxidative Capacity in Soft Cheese Spreads with Different Fats. Journal of Dairy Science, 2007, 90, 3171-3177.	1.4	16
183	Probiotic potential of enterococci isolated from canine feed. Folia Microbiologica, 2008, 53, 84-88.	1.1	16
184	The effect of polydextrose and probiotic lactobacilli in a <i>Clostridium difficile–</i> infected human colonic model. Microbial Ecology in Health and Disease, 2015, 26, 27988.	3.8	16
185	Influence of 2′-fucosyllactose and galacto-oligosaccharides on the growth and adhesion of <i>Streptococcus mutans</i> . British Journal of Nutrition, 2020, 124, 824-831.	1.2	16
186	A Specific interaction between NADPH-cytochrome reductase and phosphatidylserine and phosphatidylinositol. FEBS Journal, 1993, 218, 1021-1029.	0.2	15
187	Ingestion of polydextrose increase the iron absorption in rats submitted to partial gastrectomy. Acta Cirurgica Brasileira, 2010, 25, 518-524.	0.3	14
188	Fecal <i>Bifidobacterium</i> Levels in Elderly Nursing Home Patients. Bioscience and Microflora, 2010, 29, 111-113.	0.5	14
189	Normative Values for Colonic Transit Time and Patient Assessment of Constipation in Adults With Functional Constipation: Systematic Review With Meta-Analysis. Clinical Medicine Insights Gastroenterology, 2017, 10, 117955221772934.	1.0	14
190	Effects of Xylitol and Sucrose Mint Products on Streptococcus mutans Colonization in a Dental Simulator Model. Current Microbiology, 2017, 74, 1153-1159.	1.0	14
191	Assuring the continued safety of lactic acid bacteria used as probiotics. Biologia (Poland), 2006, 61, 755-760.	0.8	13
192	Simulating colonic survival of probiotics in single-strain products compared to multi-strain products. Microbial Ecology in Health and Disease, 2017, 28, 1378061.	3.8	13
193	Probiotic triangle of success; strain production, clinical studies and product development. FEMS Microbiology Letters, 2020, 367, .	0.7	13
194	Dose-Response Recovery of Probiotic Strains in Simulated Gastro-Intestinal Passage. Microorganisms, 2020, 8, 112.	1.6	13
195	Characterization of vaginal fungal communities in healthy women and women with bacterial vaginosis (BV); a pilot study. Microbial Pathogenesis, 2021, 161, 105055.	1.3	13
196	One Giant Leap from Mouse to Man: The Microbiota–Gut–Brain Axis in Mood Disorders and Translational Challenges Moving towards Human Clinical Trials. Nutrients, 2022, 14, 568.	1.7	13
197	Dietary polydextrose increases calcium absorption in normal rats. Arquivos Brasileiros De Cirurgia Digestiva: ABCD = Brazilian Archives of Digestive Surgery, 2009, 22, 201-205.	0.5	12
198	Lactitol, an emerging prebiotic: functional properties with a focus on digestive health. Food Science and Technology Bulletin, 2007, 3, 71-80.	0.5	12

#	Article	IF	CITATIONS
199	Current Perspectives on Gastrointestinal Models to Assess Probiotic-Pathogen Interactions. Frontiers in Microbiology, 2022, 13, 831455.	1.5	12
200	The intestinal mucosa as a habitat of the gut microbiota and a rational target for probiotic functionality and safety. Microbial Ecology in Health and Disease, 2004, 16, 137-144.	3.8	11
201	Health aspects of probiotics. IDrugs: the Investigational Drugs Journal, 2003, 6, 573-80.	0.7	11
202	The Intestinal Microbiota and Probiotics. , 2011, , 41-63.		10
203	Treatment of Bran Containing Bread by Baking Enzymes; Effect on the Growth of Probiotic Bacteria on Soluble Dietary Fiber Extract <i>in Vitro</i> . Bioscience, Biotechnology and Biochemistry, 2012, 76, 1135-1139.	0.6	10
204	Lactobacillus species causing obesity in humans: where is the evidence?. Beneficial Microbes, 2012, 3, 171-174.	1.0	10
205	Development of dietary soluble fibres by enzymatic synthesis and assessment of their digestibility in <i>i&gt;in vitro</i> , animal and randomised clinical trial models. International Journal of Food Sciences and Nutrition, 2017, 68, 849-864.	1.3	10
206	Wheat or rye supplemented diets do not affect faecal mucus concentration or the adhesion of probiotic micro-organisms to faecal mucus. Letters in Applied Microbiology, 2000, 31, 30-33.	1.0	9
207	Adhesion of Vancomycin-Resistant Enterococcus to Human Intestinal Mucus. Current Microbiology, 2006, 52, 221-224.	1.0	9
208	Influence of Lactitol and Psyllium on Bowel Function in Constipated Indian Volunteers: A Randomized, Controlled Trial. Nutrients, 2019, 11, 1130.	1.7	9
209	Efficacy of Polydextrose Supplementation on Colonic Transit Time, Bowel Movements, and Gastrointestinal Symptoms in Adults: A Double-Blind, Randomized, Placebo-Controlled Trial. Nutrients, 2019, 11, 439.	1.7	9
210	Effect of temperature onin vitroadhesion of potential fish probiotics. Microbial Ecology in Health and Disease, 2004, 16, 222-227.	3.8	8
211	Influence of whey-based fruit juice containing Lactobacillus rhamnosus on intestinal well-being and humoral immune response in healthy adults. LWT - Food Science and Technology, 2006, 39, 788-795.	2.5	8
212	Effect of clinical and probiotic Lactobacillus rhamnosus strains on intestinal permeability and bacterial translocation in healthy and colitic rats. Food Research International, 2009, 42, 636-640.	2.9	8
213	The Effect of Donor Human Milk Fortification on The Adhesion of Probiotics In Vitro. Nutrients, 2020, 12, 182.	1.7	8
214	The ability of probiotic bacteria to bind to human intestinal mucus. FEMS Microbiology Letters, 1998, 167, 185-189.	0.7	8
215	Regulation of hBD-2, hBD-3, hCAP18/LL37, and Proinflammatory Cytokine Secretion by Human Milk Oligosaccharides in an Organotypic Oral Mucosal Model. Pathogens, 2021, 10, 739.	1.2	7
216	Gut Microflora Changes and Probiotics in Children in Day-Care Centers. Bioscience and Microflora, 2003, 22, 99-107.	0.5	7

#	Article	IF	CITATIONS
217	Evaluation of 2'-Fucosyllactose and Bifidobacterium longum Subspecies infantis on Growth, Organ Weights, and Intestinal Development of Piglets. Nutrients, 2022, 14, 199.	1.7	7
218	Influence of 2′-Fucosyllactose and Bifidobacterium longum Subspecies infantis Supplementation on Cognitive and Structural Brain Development in Young Pigs. Frontiers in Neuroscience, 2022, 16, 860368.	1.4	7
219	Specificity of Spent Culture Fluids of <i>Lactobacillus</i> spp. to Inhibit Adhesion of Enteropathogenic Fimbriated <i>Escherichia coli</i> cells. Microbial Ecology in Health and Disease, 1996, 9, 239-246.	3.8	6
220	Novel approaches to the nutritional management of the allergic infant. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 110-114.	0.7	6
221	Digestive Health. , 0, , 44-53.		6
222	Data on global analysis of clinical trials with probiotics. Data in Brief, 2020, 32, 106269.	0.5	6
223	Resistant starch supplementation increases crypt cell proliferative state in the rectal mucosa of older healthy participants. British Journal of Nutrition, 2020, 124, 374-385.	1.2	6
224	Effects of Colonic Fermentation Products of Polydextrose, Lactitol and Xylitol on Intestinal Barrier Repair In Vitro. Applied Sciences (Switzerland), 2021, 11, 4174.	1.3	6
225	The Potential of Probiotics and Prebiotics for Skin Health. , 2017, , 1299-1313.		6
226	Adhesion inhibitory activity of ß-lactoglobulin isolated from infant formulae. Acta Paediatrica, International Journal of Paediatrics, 1998, 87, 491-493.	0.7	6
227	Interactions between Lignans and Probiotics. Microbial Ecology in Health and Disease, 2002, 14, 106-109.	3.8	5
228	Assessment of Potential Risk Factors and Related Properties of Clinical, Faecal and Dairy <i>Bifidobacterium</i> Isolates. Bioscience and Microflora, 2004, 23, 37-42.	0.5	5
229	Probiotic cheese. Nutrafoods, 2010, 9, 15-19.	0.5	5
230	<i>Bifidobacterium animalis</i> ssp. <i>lactis</i> 420 Protects against Indomethacin-Induced Gastric Permeability in Rats. Gastroenterology Research and Practice, 2012, 2012, 1-9.	0.7	5
231	Identification and Characterization of a Novel Species of Genus Akkermansia with Metabolic Health Effects in a Diet-Induced Obesity Mouse Model. Cells, 2022, 11, 2084.	1.8	5
232	Probiotics: time to move beyond Metchnikoff?. Drug Discovery Today, 2003, 8, 1063.	3.2	4
233	A ingestão de prébioticos previne a malabsorção de ferro e anemia induzidas pela gastrectomia?: Estudo experimental em ratos. Arquivos Brasileiros De Cirurgia Digestiva: ABCD = Brazilian Archives of Digestive Surgery, 2011, 24, 9-14.	0.5	4
234	The role of probiotics in digestive health. Nutrition and Dietary Supplements, 0, , 103.	0.7	4

#	Article	IF	CITATIONS
235	Use of Essential Oils in Poultry Production. , 2016, , 101-110.		4
236	Production of Probiotic Bifidobacteria. , 2018, , 261-269.		4
237	Identification and Antibiotic Resistance Assessment of <i>Ensifer adhaerens</i> YX1, a Vitamin B <sub>12</sub> â€Producing Strain Used as a Food and Feed Additive. Journal of Food Science, 2019, 84, 2925-2931.	1.5	4
238	Adhesion of four Bifidobacterium strains to human intestinal mucus from subjects in different age groups. FEMS Microbiology Letters, 1999, 172, 61-64.	0.7	4
239	Comparison of mucosal adhesion and species identification of bifidobacteria isolated from healthy and allergic infants. FEMS Immunology and Medical Microbiology, 2001, 30, 43-47.	2.7	4
240	Good adhesion properties of probiotics: a potential risk for bacteremia?. FEMS Immunology and Medical Microbiology, 2001, 31, 35-39.	2.7	4
241	The Probiotic Potential of Propionibacteria. , 2004, , .		4
242	Correcting for non-compliance when determining colonic transit time with radio-opaque markers. World Journal of Gastroenterology, 2017, 23, 740.	1.4	4
243	Influence of the endogenous mucosal microbiota on the adhesion of probiotic bacteria in vitro. Microbial Ecology in Health and Disease, 2004, 16, 202-204.	3.8	3
244	Effects of Bifidobacterium animalis ssp. lactis 420 on gastrointestinal inflammation induced by a nonsteroidal antiâ€inflammatory drug: A randomized, placeboâ€controlled, doubleâ€blind clinical trial. British Journal of Clinical Pharmacology, 2021, , .	1.1	3
245	Specificity of Spent Culture Fluids of Lactobacillus spp. to Inhibit Adhesion of Enteropathogenic Fimbriated Escherichia coli cells. Microbial Ecology in Health and Disease, 1996, 9, 239-246.	3.8	3
246	The Potential of Probiotics and Prebiotics for Skin Health. , 2010, , 799-809.		3
247	Viability of Lactobacillus paraplantarum DSM 14485 in human gastrointestinal tract and its molecular and biochemical identification after fermented vegetable consumption. Agricultural and Food Science, 2012, 21, 182-196.	0.3	3
248	Probiotics and Prebiotic in Oral Health. , 2021, , 59-80.		2
249	Normative Values for Stool Frequency and Form Using Rome III Diagnostic Criteria for Functional Constipation in Adults: Systematic Review With Meta-Analysis. American Journal of Gastroenterology, 2017, 112, S243.	0.2	2
250	What Role for Probiotics in Necrotising Enterocolitis. Archives of Pediatric Infectious Diseases, 2013, 2, .	0.1	2
251	DOSIMETRY IN THE IRRADIATION OF THIN CULTURE LAYERS USING A60Co RADIOTHERAPY UNIT AT 20â€CM SS Instrumentation Science and Technology, 2002, 30, 187-192.	5D. 0.9	1
252	IMPLICATIONS OF NOMENCLATURE—AND ON THE INTERPRETATION. Annals of Allergy, Asthma and Immunology, 2003, 90, 675.	0.5	1

#	Article	IF	CITATIONS
253	Use of a probiotic Bifidobacterium in a dry food matrix, an in vivo study. International Journal of Food Microbiology, 2004, 95, 103-103.	2.1	1
254	Vitamin K: essential for healthy bones. Nutrafoods, 2012, 11, 111-116.	0.5	1
255	Fecal Recovery of Probiotics Administered as a Multi-Strain Formulation during Antibiotic Treatment. Biomedicines, 2020, 8, 83.	1.4	1
256	The effect of probiotic bacteria on the adhesion of pathogens to human intestinal mucus. FEMS Immunology and Medical Microbiology, 1999, 26, 137-142.	2.7	1
257	From hypoallergenic foods to anti-allergenic foods. Food Science and Technology Bulletin, 2003, 1, 1-12.	0.5	1
258	The Potential of Probiotics and Prebiotics for Skin Health. , 2015, , 1-15.		1
259	Probiotics and Antibiotic Use. , 2016, , 271-277.		0
260	Multistrain Probiotics and Benefits to Consumer's Health. , 2021, , 81-98.		0
261	Contribution of the Microbiota to Healthy Aging. , 2021, , .		0
262	The Safety of Probiotics in Foods in Europe and Its Legislation. , 2005, , 405-430.		0
263	Probiotics for the elderly. Food Science and Technology Bulletin, 2009, 6, 31-39.	0.5	0
264	Probiotics and Their Various Forms Supporting Skin Health. , 2022, , 57-109.		0