

Expert consensus document: The International Scientific  
Prebiotics (ISAPP) consensus statement on the definition

Nature Reviews Gastroenterology and Hepatology  
14, 491-502

DOI: [10.1038/nrgastro.2017.75](https://doi.org/10.1038/nrgastro.2017.75)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Type 2 Diabetes and Bacteremia. <i>Annals of Nutrition and Metabolism</i> , 2017, 71, 17-22.	1.0	22
2	Modulating Effects of Dicafeoylquinic Acids from <i>Ilex kudingcha</i> on Intestinal Microecology in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10185-10196.	2.4	56
3	Comparative study of probiotic effects of <i>Lactobacillus</i> and <i>Bifidobacteria</i> strains on cholesterol levels, liver morphology and the gut microbiota in obese mice. <i>EPMA Journal</i> , 2017, 8, 357-376.	3.3	67
4	Passion fruit by-product and fructooligosaccharides stimulate the growth and folate production by starter and probiotic cultures in fermented soymilk. <i>International Journal of Food Microbiology</i> , 2017, 261, 35-41.	2.1	44
5	Elucidation of complexity and prediction of interactions in microbial communities. <i>Microbial Biotechnology</i> , 2017, 10, 1500-1522.	2.0	117
6	Bugging allergy; role of pre-, pro- and synbiotics in allergy prevention. <i>Allergology International</i> , 2017, 66, 529-538.	1.4	71
7	Irritable bowel syndrome and diet. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017, 20, 456-463.	1.3	18
8	Improving iron supplements: cooking with GOS. <i>Gut</i> , 2017, 66, 1881-1882.	6.1	0
10	The Role of Nutritional Aspects in Food Allergy: Prevention and Management. <i>Nutrients</i> , 2017, 9, 850.	1.7	29
11	Probiotic, Prebiotic, and Brain Development. <i>Nutrients</i> , 2017, 9, 1247.	1.7	64
12	A Novel Prebiotic Blend Product Prevents Irritable Bowel Syndrome in Mice by Improving Gut Microbiota and Modulating Immune Response. <i>Nutrients</i> , 2017, 9, 1341.	1.7	63
13	Prebiotic Dietary Fiber and Gut Health: Comparing the in Vitro Fermentations of Beta-Glucan, Inulin and Xylooligosaccharide. <i>Nutrients</i> , 2017, 9, 1361.	1.7	151
14	Recent Development of Prebiotic Research—Statement from an Expert Workshop. <i>Nutrients</i> , 2017, 9, 1376.	1.7	24
15	How to Feed the Mammalian Gut Microbiota: Bacterial and Metabolic Modulation by Dietary Fibers. <i>Frontiers in Microbiology</i> , 2017, 8, 1749.	1.5	86
16	Next-Generation Beneficial Microbes: The Case of <i>Akkermansia muciniphila</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1765.	1.5	713
17	Emerging Trends in “Smart Probiotics” Functional Consideration for the Development of Novel Health and Industrial Applications. <i>Frontiers in Microbiology</i> , 2017, 8, 1889.	1.5	134
18	In Vitro Fermentation Patterns of Rice Bran Components by Human Gut Microbiota. <i>Nutrients</i> , 2017, 9, 1237.	1.7	42
19	New Progress Regarding the Use of Lactic Acid Bacteria as Live Delivery Vectors, Treatment of Diseases and Induction of Immune Responses in Different Host Species Focusing on <i>Lactobacillus</i> Species. <i>Journal of Probiotics &amp; Health</i> , 2017, 05, .	0.6	2

#	ARTICLE	IF	CITATIONS
20	The Microbiome and Hematopoietic Cell Transplantation: Past, Present, and Future. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 1322-1340.	2.0	85
21	Infant formulae supplemented with prebiotics: Are they better than unsupplemented formulae? An updated systematic review. <i>British Journal of Nutrition</i> , 2018, 119, 810-825.	1.2	45
22	Conventional and sugar-free probiotic white chocolate: Effect of inulin DP on various quality properties and viability of probiotics. <i>Journal of Functional Foods</i> , 2018, 43, 206-213.	1.6	61
23	The Human Gut Microbiome: From Association to Modulation. <i>Cell</i> , 2018, 172, 1198-1215.	13.5	558
24	Inulin-Type Fructans Application in Gluten-Free Products: Functionality and Health Benefits. <i>Reference Series in Phytochemistry</i> , 2018, , 1-40.	0.2	4
25	Polyphenol-based prebiotics and synbiotics: potential for cancer chemoprevention. <i>Current Opinion in Food Science</i> , 2018, 20, 51-57.	4.1	50
26	Nutritional modulation of the intestinal microbiota; future opportunities for the prevention and treatment of neuroimmune and neuroinflammatory disease. <i>Journal of Nutritional Biochemistry</i> , 2018, 61, 1-16.	1.9	58
27	Gut Microbes and Health: A Focus on the Mechanisms Linking Microbes, Obesity, and Related Disorders. <i>Obesity</i> , 2018, 26, 792-800.	1.5	141
28	Microbiota transplantation: concept, methodology and strategy for its modernization. <i>Protein and Cell</i> , 2018, 9, 462-473.	4.8	201
29	Effects of Lactogen 13, a New Probiotic Preparation, on Gut Microbiota and Endocrine Signals Controlling Growth and Appetite of <i>Oreochromis niloticus</i> Juveniles. <i>Microbial Ecology</i> , 2018, 76, 1063-1074.	1.4	23
30	Specific properties of probiotic strains: relevance and benefits for the host. <i>EPMA Journal</i> , 2018, 9, 205-223.	3.3	68
31	Guidance on the use of probiotics in clinical practice in children with selected clinical conditions and in specific vulnerable groups. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 927-937.	0.7	84
32	Benefaction of probiotics for human health: A review. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 927-939.	0.9	581
33	Effects of infant formula composition on long-term metabolic health. <i>Journal of Developmental Origins of Health and Disease</i> , 2018, 9, 573-589.	0.7	35
34	The low FODMAP diet in the management of irritable bowel syndrome: an evidence-based review of FODMAP restriction, reintroduction and personalisation in clinical practice. <i>Journal of Human Nutrition and Dietetics</i> , 2018, 31, 239-255.	1.3	199
35	Therapeutic implications of the gastrointestinal microbiome. <i>Current Opinion in Pharmacology</i> , 2018, 38, 90-96.	1.7	13
36	Arabinoxylo-Oligosaccharides and Inulin Impact Inter-Individual Variation on Microbial Metabolism and Composition, Which Immunomodulates Human Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1121-1130.	2.4	63
37	Rheological behaviour, sensory properties and syneresis of probiotic yoghurt supplemented with various prebiotics. <i>International Journal of Dairy Technology</i> , 2018, 71, 175-184.	1.3	41

#	ARTICLE	IF	CITATIONS
38	Promising Prebiotic Candidate Established by Evaluation of Lactitol, Lactulose, Raffinose, and Oligofructose for Maintenance of a Lactobacillus-Dominated Vaginal Microbiota. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	54
39	Flavonoids and the gastrointestinal tract: Local and systemic effects. <i>Molecular Aspects of Medicine</i> , 2018, 61, 41-49.	2.7	181
40	Mushroom polysaccharides from <i>Ganoderma lucidum</i> and <i>Poria cocos</i> reveal prebiotic functions. <i>Journal of Functional Foods</i> , 2018, 41, 191-201.	1.6	96
41	In vivo assessment of possible probiotic properties of <i>Bacillus subtilis</i> and prebiotic properties of levan. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 13, 190-197.	1.5	38
42	Role of prebiotics and probiotics in oral health. <i>Nutrition and Food Science</i> , 2018, 48, 16-29.	0.4	7
43	Habitual dietary fibre intake influences gut microbiota response to an inulin-type fructan prebiotic: a randomised, double-blind, placebo-controlled, cross-over, human intervention study. <i>British Journal of Nutrition</i> , 2018, 119, 176-189.	1.2	163
44	Biochemistry of complex glycan depolymerisation by the human gut microbiota. <i>FEMS Microbiology Reviews</i> , 2018, 42, 146-164.	3.9	188
45	The ability of human intestinal anaerobes to metabolize different oligosaccharides: Novel means for microbiota modulation?. <i>Anaerobe</i> , 2018, 51, 110-119.	1.0	55
46	In Vitro Fermentation Behavior of Isomalto/Malto Polysaccharides Using Human Fecal Inoculum Indicates Prebiotic Potential. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800232.	1.5	62
47	Inflammatory bowel disease and immunonutrition: novel therapeutic approaches through modulation of diet and the gut microbiome. <i>Immunology</i> , 2018, 155, 36-52.	2.0	112
48	Role of probiotics and prebiotics in immunomodulation. <i>Current Opinion in Food Science</i> , 2018, 20, 82-91.	4.1	83
49	The application of in vitro human intestinal models on the screening and development of pre- and probiotics. <i>Beneficial Microbes</i> , 2018, 9, 725-742.	1.0	71
50	Dysbiosis in Functional Bowel Disorders. <i>Annals of Nutrition and Metabolism</i> , 2018, 72, 296-306.	1.0	46
51	The developing gut microbiota and its consequences for health. <i>Journal of Developmental Origins of Health and Disease</i> , 2018, 9, 590-597.	0.7	113
52	Phytochemical profiling of the ripening of Chinese mango ( <i>Mangifera indica</i> L.) cultivars by real-time monitoring using UPLC-ESI-QTOF-MS and its potential benefits as prebiotic ingredients. <i>Food Chemistry</i> , 2018, 256, 171-180.	4.2	52
53	Understanding the prebiotic potential of different dietary fibers using an in vitro continuous adult fermentation model (PolyFermS). <i>Scientific Reports</i> , 2018, 8, 4318.	1.6	125
54	Modulation of the Gastrointestinal Microbiome with Nondigestible Fermentable Carbohydrates To Improve Human Health. <i>Microbiology Spectrum</i> , 2017, 5, .	1.2	125
55	Fruits and vegetables, as a source of nutritional compounds and phytochemicals: Changes in bioactive compounds during lactic fermentation. <i>Food Research International</i> , 2018, 104, 86-99.	2.9	353

#	ARTICLE	IF	CITATIONS
56	The role of gut microbiota in the effects of maternal obesity during pregnancy on offspring metabolism. <i>Bioscience Reports</i> , 2018, 38, .	1.1	78
57	Taking a prebiotic approach to early immunomodulation for allergy prevention. <i>Expert Review of Clinical Immunology</i> , 2018, 14, 43-51.	1.3	23
58	The addition of inulin and <i>Lactobacillus casei</i> 01 in sheep milk ice cream. <i>Food Chemistry</i> , 2018, 246, 464-472.	4.2	162
59	New $\beta$ -galactosidase producers with potential for prebiotic synthesis. <i>Bioresource Technology</i> , 2018, 250, 131-139.	4.8	31
60	Effects of levan-type fructan on growth performance, nutrient digestibility, diarrhoea scores, faecal shedding of total lactic acid bacteria and coliform bacteria, and faecal gas emission in weaning pigs. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 1539-1544.	1.7	11
61	Polyunsaturated fatty acids, polyphenols, amino acids, prebiotics. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018, 21, 458-464.	1.3	6
62	Microbiome., 2018, , 99-128.		0
63	Fermentation of pitaya ( <i>Hylocereus polyrhizus</i> ) juice by <i>L. acidophilus</i> in metabolism of sugars for cholesterol removal. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0
64	The effects of fermentation products of prebiotic fibres on gut barrier and immune functions in vitro. <i>PeerJ</i> , 2018, 6, e5288.	0.9	37
65	Efecto de inulina en la saciedad en humanos. <i>Perspectivas En Nutrici3n Humana</i> , 2018, 20, 79-89.	0.1	2
66	Butyrate Producers as Potential Next-Generation Probiotics: Safety Assessment of the Administration of <i>Butyricoccus pullicaecorum</i> to Healthy Volunteers. <i>MSystems</i> , 2018, 3, .	1.7	99
67	Supplementation With $\alpha$ -FL and scGOS/lcFOS Ameliorates Rotavirus-Induced Diarrhea in Suckling Rats. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 372.	1.8	44
68	The gut microbiota and cardiovascular health benefits: A focus on wholegrain oats. <i>Nutrition Bulletin</i> , 2018, 43, 358-373.	0.8	17
69	Beneficial Effect of Oligofructose-Enriched Inulin on Vitamin D and E Status in Children with Celiac Disease on a Long-Term Gluten-Free Diet: A Preliminary Randomized, Placebo-Controlled Nutritional Intervention Study. <i>Nutrients</i> , 2018, 10, 1768.	1.7	28
70	The gut microbiota at the intersection of diet and human health. <i>Science</i> , 2018, 362, 776-780.	6.0	683
71	One Health, Fermented Foods, and Gut Microbiota. <i>Foods</i> , 2018, 7, 195.	1.9	101
72	The chicken gut metagenome and the modulatory effects of plant-derived benzylisoquinoline alkaloids. <i>Microbiome</i> , 2018, 6, 211.	4.9	204
73	Effects of prebiotic galacto-oligosaccharide on postoperative cognitive dysfunction and neuroinflammation through targeting of the gut-brain axis. <i>BMC Anesthesiology</i> , 2018, 18, 177.	0.7	78

#	ARTICLE	IF	CITATIONS
74	Impact of <i>Agaricus bisporus</i> Mushroom Consumption on Gut Health Markers in Healthy Adults. <i>Nutrients</i> , 2018, 10, 1402.	1.7	43
75	Systematic review with meta-analysis: the efficacy of prebiotics, probiotics, synbiotics and antibiotics in irritable bowel syndrome. <i>Alimentary Pharmacology and Therapeutics</i> , 2018, 48, 1044-1060.	1.9	423
76	Organic Acids and Potential for Modifying the Avian Gastrointestinal Tract and Reducing Pathogens and Disease. <i>Frontiers in Veterinary Science</i> , 2018, 5, 216.	0.9	134
77	Probiotics and their increasing importance in human health and infection control. <i>Reviews in Medical Microbiology</i> , 2018, 29, 153-158.	0.4	31
78	Pre-, pro- and synbiotics in cancer prevention and treatment—a review of basic and clinical research. <i>E-cancermedicalscience</i> , 2018, 12, 869.	0.6	31
79	Low-Cost Method Generating In Situ Anaerobic Conditions on a 96-Well Plate for Microbial Fermentation in Food Research. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11839-11845.	2.4	8
80	90th Anniversary Commentary: Prebiotics in Infancy for Allergy Prevention: Promising Findings, but No Consensus. <i>Journal of Nutrition</i> , 2018, 148, 1691-1692.	1.3	0
81	Interactions of Surface Exopolysaccharides From <i>Bifidobacterium</i> and <i>Lactobacillus</i> Within the Intestinal Environment. <i>Frontiers in Microbiology</i> , 2018, 9, 2426.	1.5	170
82	Impact of Food Ingredients (Aspartame, Stevia, Prebiotic Oligofructose) on Fertility and Reproductive Outcomes in Obese Rats. <i>Obesity</i> , 2018, 26, 1692-1695.	1.5	7
83	Production of xylooligosaccharides and cellulosic ethanol from steam-exploded barley straw. <i>Holzforschung</i> , 2018, 73, 35-44.	0.9	18
84	Do Obese Bacteria Make us “Want them”? Intestinal Microbiota, Mesocorticolimbic Circuit and Non-Homeostatic Feeding. <i>Current Behavioral Neuroscience Reports</i> , 2018, 5, 211-217.	0.6	3
85	Structural characterization of glucosylated GOS derivatives synthesized by the <i>Lactobacillus reuteri</i> GtfA and Gtf180 glucanase enzymes. <i>Carbohydrate Research</i> , 2018, 470, 57-63.	1.1	5
86	Probiotics as a Potential Immunomodulating Pharmabiotics in Allergic Diseases: Current Status and Future Prospects. <i>Allergy, Asthma and Immunology Research</i> , 2018, 10, 575.	1.1	61
87	In Vitro Fermentation of Selected Prebiotics and Their Effects on the Composition and Activity of the Adult Gut Microbiota. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3097.	1.8	126
88	Polyphenols and Immune System. , 2018, , 263-276.		2
89	Perilla Oil Supplementation Improves Hypertriglyceridemia and Gut Dysbiosis in Diabetic KKAy Mice. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800299.	1.5	31
90	Modulation of gut microbiome in nonalcoholic fatty liver disease: pro-, pre-, syn-, and antibiotics. <i>Journal of Microbiology</i> , 2018, 56, 855-867.	1.3	28
91	Prebiotics and synbiotics: Recent concepts in nutrition. <i>Food Bioscience</i> , 2018, 26, 152-160.	2.0	114

#	ARTICLE	IF	CITATIONS
92	Different Oat Ingredients Stimulate Specific Microbial Metabolites in the Gut Microbiome of Three Human Individuals in Vitro. ACS Omega, 2018, 3, 12446-12456.	1.6	27
93	Immunological Tolerance and Function: Associations Between Intestinal Bacteria, Probiotics, Prebiotics, and Phages. Frontiers in Immunology, 2018, 9, 2240.	2.2	99
94	Aronia ( <i>Aronia melanocarpa</i> ) Polyphenols Modulate the Microbial Community in a Simulator of the Human Intestinal Microbial Ecosystem (SHIME) and Decrease Secretion of Proinflammatory Markers in a Caco-2/endothelial Cell Coculture Model. Molecular Nutrition and Food Research, 2018, 62, e1800607.	1.5	39
95	Manipulating the Gut Microbiome as a Treatment Strategy for Functional Gastrointestinal Disorders. Gastroenterology, 2018, 155, 960-962.	0.6	11
96	Associations between the gut microbiota and host responses to high altitude. American Journal of Physiology - Renal Physiology, 2018, 315, G1003-G1015.	1.6	48
97	1-Kestose, the Smallest Fructooligosaccharide Component, Which Efficiently Stimulates <i>Faecalibacterium prausnitzii</i> as Well as <i>Bifidobacteria</i> in Humans. Foods, 2018, 7, 140.	1.9	49
98	Pre- and probiotic overview. Current Opinion in Pharmacology, 2018, 43, 87-92.	1.7	97
99	Thermal and water sorption properties of <i>Bifidobacterium</i> BB-12 microcapsules obtained from goat's milk and prebiotics. LWT - Food Science and Technology, 2018, 98, 314-321.	2.5	13
100	A Review of Prebiotics Against Salmonella in Poultry: Current and Future Potential for Microbiome Research Applications. Frontiers in Veterinary Science, 2018, 5, 191.	0.9	79
101	Cross-Feeding among Probiotic Bacterial Strains on Prebiotic Inulin Involves the Extracellular $\alpha$ -Inulinase of <i>Lactobacillus paracasei</i> Strain W20. Applied and Environmental Microbiology, 2018, 84, .	1.4	45
102	Modulation of the Gastrointestinal Microbiome with Nondigestible Fermentable Carbohydrates To Improve Human Health. , 0, , 453-483.		8
103	Wheat Bran Cereal, Human Gut Bacteria and Subjective Wellbeing. Journal of Food Research, 2018, 7, 8.	0.1	0
104	The effect of inulin and wheat bran on intestinal health and microbiota in the early life of broiler chickens. Poultry Science, 2018, 97, 3156-3165.	1.5	28
105	Gut microbiota-mediated inflammation in obesity: a link with gastrointestinal cancer. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 671-682.	8.2	257
106	The effect of fishmeal inclusion and prebiotic supplementation on the hindgut faecal microbiota of farmed Tasmanian Atlantic salmon ( <i>Salmo salar</i> L.). Journal of Applied Microbiology, 2018, 125, 952-963.	1.4	10
107	Characterization and Quantification of Oligosaccharides in Human Milk and Infant Formula. Journal of Agricultural and Food Chemistry, 2018, 66, 6851-6859.	2.4	47
108	Expanding Our View of Herbal Medicine. Journal of Alternative and Complementary Medicine, 2018, 24, 619-620.	2.1	2
109	Beneficial impacts of <i>Lactobacillus plantarum</i> and inulin on hypothalamic levels of insulin, leptin, and oxidative markers in diabetic rats. Journal of Functional Foods, 2018, 46, 529-537.	1.6	27

#	ARTICLE	IF	CITATIONS
110	Therapeutic Manipulation of Gut Microbiota. , 2018, , 133-158.		0
111	Design and rationale of the INSYTE study: A randomised, placebo controlled study to test the efficacy of a synbiotic on liver fat, disease biomarkers and intestinal microbiota in non-alcoholic fatty liver disease. Contemporary Clinical Trials, 2018, 71, 113-123.	0.8	31
112	Effect of short-chain inulin on the rheological and sensory characteristics of reduced fat set coconut milk yoghurt. Journal of Texture Studies, 2018, 49, 434-447.	1.1	15
113	Update on the Gastrointestinal Microbiome in Systemic Sclerosis. Current Rheumatology Reports, 2018, 20, 49.	2.1	42
114	Evaluation of Chios mastic gum as antimicrobial agent and matrix forming material targeting probiotic cell encapsulation for functional fermented milk production. LWT - Food Science and Technology, 2018, 97, 109-116.	2.5	33
115	Effect of antibiotics and synbiotic on growth performance, nutrient digestibility, and faecal microbial shedding in growing-finishing pigs. Journal of Applied Animal Research, 2018, 46, 1202-1206.	0.4	5
116	Evaluation of the prebiotic potential of arabinoxylans extracted from wheat distillers' dried grains with solubles (DDGS) and in-process samples. Applied Microbiology and Biotechnology, 2018, 102, 7577-7587.	1.7	17
117	Human gut microbiome: hopes, threats and promises. Gut, 2018, 67, 1716-1725.	6.1	957
118	Immunomodulation to Prevent or Treat Neonatal Sepsis: Past, Present, and Future. Frontiers in Pediatrics, 2018, 6, 199.	0.9	44
119	Novel microencapsulated probiotic blend for use in metabolic syndrome: design and <i>in-vivo</i> analysis. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 116-124.	1.9	18
120	Gut-Brain Psychology: Rethinking Psychology From the Microbiota's "Gut-Brain Axis. Frontiers in Integrative Neuroscience, 2018, 12, 33.	1.0	169
121	Sweetness and sensory properties of commercial and novel oligosaccharides of prebiotic potential. LWT - Food Science and Technology, 2018, 97, 476-482.	2.5	27
122	Intervention for Dysbiosis in Children Born by C-Section. Annals of Nutrition and Metabolism, 2018, 73, 33-39.	1.0	18
123	The Influences of Soybean Agglutinin and Functional Oligosaccharides on the Intestinal Tract of Monogastric Animals. International Journal of Molecular Sciences, 2018, 19, 554.	1.8	42
124	A prebiotic intervention study in children with autism spectrum disorders (ASDs). Microbiome, 2018, 6, 133.	4.9	232
125	Prebiotics Supplementation Impact on the Reinforcing and Motivational Aspect of Feeding. Frontiers in Endocrinology, 2018, 9, 273.	1.5	22
126	A Randomized Placebo Controlled Clinical Trial to Determine the Impact of Digestion Resistant Starch MSPrebiotic® on Glucose, Insulin, and Insulin Resistance in Elderly and Mid-Age Adults. Frontiers in Medicine, 2017, 4, 260.	1.2	30
127	The Gut Microbiota of Marine Fish. Frontiers in Microbiology, 2018, 9, 873.	1.5	613



#	ARTICLE	IF	CITATIONS
128	Targeted Approaches for In Situ Gut Microbiome Manipulation. <i>Genes</i> , 2018, 9, 351.	1.0	36
129	The role of probiotics, prebiotics and synbiotics in animal nutrition. <i>Gut Pathogens</i> , 2018, 10, 21.	1.6	360
130	The Role of Bacteria, Probiotics and Diet in Irritable Bowel Syndrome. <i>Foods</i> , 2018, 7, 13.	1.9	59
131	Single-step production of arabino-xylooligosaccharides by recombinant <i>Bacillus subtilis</i> 3610 cultivated in brewers'™ spent grain. <i>Carbohydrate Polymers</i> , 2018, 199, 546-554.	5.1	31
132	THE PHYSICALIZED MIND AND THE GUT–BRAIN AXIS: TAKING MENTAL HEALTH OUT OF OUR HEADS. <i>Zygon</i> , 2018, 53, 356-374.	0.2	4
133	Role of prebiotics in regulation of microbiota and prevention of obesity. <i>Food Research International</i> , 2018, 113, 183-188.	2.9	77
134	Recognizing Depression from the Microbiota–Gut–Brain Axis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1592.	1.8	191
135	Microbiome-Gut-Brain Axis and Toll-Like Receptors in Parkinson's™ Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1689.	1.8	235
136	Dietary Polysaccharide from <i>Enteromorpha Clathrata</i> Modulates Gut Microbiota and Promotes the Growth of <i>Akkermansia muciniphila</i> , <i>Bifidobacterium</i> spp. and <i>Lactobacillus</i> spp.. <i>Marine Drugs</i> , 2018, 16, 167.	2.2	59
137	Harnessing the Power of Microbiome Assessment Tools as Part of Neuroprotective Nutrition and Lifestyle Medicine Interventions. <i>Microorganisms</i> , 2018, 6, 35.	1.6	21
138	The Effect of Oligofructose-Enriched Inulin on Faecal Bacterial Counts and Microbiota-Associated Characteristics in Celiac Disease Children Following a Gluten-Free Diet: Results of a Randomized, Placebo-Controlled Trial. <i>Nutrients</i> , 2018, 10, 201.	1.7	51
139	Gastrointestinal Transit Time, Glucose Homeostasis and Metabolic Health: Modulation by Dietary Fibers. <i>Nutrients</i> , 2018, 10, 275.	1.7	188
140	Inulin Improves Postprandial Hypertriglyceridemia by Modulating Gene Expression in the Small Intestine. <i>Nutrients</i> , 2018, 10, 532.	1.7	24
141	Pharmabiotic Manipulation of the Microbiota in Gastrointestinal Disorders: A Clinical Perspective. <i>Journal of Neurogastroenterology and Motility</i> , 2018, 24, 355-366.	0.8	13
142	Inulin-Type Fructan Supplementation of 3- to 6-Year-Old Children Is Associated with Higher Faecal <i>Bifidobacterium</i> Concentrations and Fewer Febrile Episodes Requiring Medical Attention. <i>Journal of Nutrition</i> , 2018, 148, 1300-1308.	1.3	30
143	Study of prebiotic potential and antioxidant activity in <i>Plantago</i> spp. leaves after enzymatic hydrolysis with hemicellulase and xylanase. <i>Engineering in Life Sciences</i> , 2018, 18, 831-839.	2.0	7
144	Isomaltulose: Recent evidence for health benefits. <i>Journal of Functional Foods</i> , 2018, 48, 173-178.	1.6	49
145	New treatments and therapeutic targets for IBS and other functional bowel disorders. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 589-605.	8.2	99

#	ARTICLE	IF	CITATIONS
146	Physicochemical differences between malanga ( <i>Xanthosoma sagittifolium</i> ) and potato ( <i>Solanum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Functional Foods, 2018, 45, 268-276.	1.6	11
147	Dysbiotic drift and biopsychosocial medicine: how the microbiome links personal, public and planetary health. <i>BioPsychoSocial Medicine</i> , 2018, 12, 7.	0.9	40
148	The role of the microbiome for human health: from basic science to clinical applications. <i>European Journal of Nutrition</i> , 2018, 57, 1-14.	1.8	664
149	Human microbiome restoration and safety. <i>International Journal of Medical Microbiology</i> , 2018, 308, 487-497.	1.5	46
150	Dietary fiber intervention on gut microbiota composition in healthy adults: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 965-983.	2.2	408
151	Effects of Different Doses of Fructooligosaccharides (FOS) on the Composition of Mice Fecal Microbiota, Especially the Bifidobacterium Composition. <i>Nutrients</i> , 2018, 10, 1105.	1.7	69
152	Characterization and in vitro digestibility of by-products from Brazilian food industry: Cassava bagasse, orange bagasse and passion fruit peel. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2018, 16, 90-99.	1.5	36
153	A Galacto-Oligosaccharides Preparation Derived From Lactulose Protects Against Colorectal Cancer Development in an Animal Model. <i>Frontiers in Microbiology</i> , 2018, 9, 2004.	1.5	66
154	Dietary Nutrients, Proteomes, and Adhesion of Probiotic Lactobacilli to Mucin and Host Epithelial Cells. <i>Microorganisms</i> , 2018, 6, 90.	1.6	35
155	Study of antioxidant capacity and metabolization of quebracho and chestnut tannins through in vitro gastrointestinal digestion-fermentation. <i>Journal of Functional Foods</i> , 2018, 49, 188-195.	1.6	41
156	Intestinal microbiota: a novel perspective in colorectal cancer biotherapeutics. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 4797-4810.	1.0	47
157	Effect of a prebiotic galactooligosaccharide mixture (Bâ€GOSÂ®) on gastrointestinal symptoms in adults selected from a general population who suffer with bloating, abdominal pain, or flatulence. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13440.	1.6	31
158	Effects of Psychological, Environmental and Physical Stressors on the Gut Microbiota. <i>Frontiers in Microbiology</i> , 2018, 9, 2013.	1.5	323
159	Sensory evaluation of a novel prebiotic sheep milk strawberry beverage. <i>LWT - Food Science and Technology</i> , 2018, 98, 94-98.	2.5	37
161	Breads fortified with wholegrain cereals and seeds as source of antioxidant dietary fibre and other bioactive compounds. <i>Journal of Cereal Science</i> , 2018, 82, 113-120.	1.8	28
162	Chicory Roots for Prebiotics and Appetite Regulation: A Pilot Study in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6439-6449.	2.4	17
163	Recommendations for characterization and reporting of dietary fibers in nutrition research. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 437-444.	2.2	19
164	Applications of Gut Microbiota and Nutrition Science. , 2018, , 171-179.		0

#	ARTICLE	IF	CITATIONS
165	An open-label, randomized, placebo-controlled study on the effectiveness of a novel probiotics administration protocol (ProbiotiCKD) in patients with mild renal insufficiency (stage 3a of CKD). <i>European Journal of Nutrition</i> , 2019, 58, 2145-2156.	1.8	45
166	Diet, Nutrition and the Immune System. , 2019, , 250-255.		2
167	The effects of inulin as a prebiotic supplement and the synbiotic interactions of probiotics to improve oxalate degrading activity. <i>International Journal of Food Science and Technology</i> , 2019, 54, 121-131.	1.3	22
168	Interplay between food and gut microbiota in health and disease. <i>Food Research International</i> , 2019, 115, 23-31.	2.9	168
169	Nutritional Issues in Food Allergy. <i>Clinical Reviews in Allergy and Immunology</i> , 2019, 57, 166-178.	2.9	46
170	Histological improvement of non-alcoholic steatohepatitis with a prebiotic: a pilot clinical trial. <i>European Journal of Nutrition</i> , 2019, 58, 1735-1745.	1.8	88
171	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. <i>Biological Psychiatry</i> , 2019, 85, 150-163.	0.7	146
172	Effect of prebiotic (fructooligosaccharide) on uremic toxins of chronic kidney disease patients: a randomized controlled trial. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 1876-1884.	0.4	60
173	Blueberry polyphenols extract as a potential prebiotic with anti-obesity effects on C57BL/6 J mice by modulating the gut microbiota. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 88-100.	1.9	199
174	Making Sense of the Microbiome in Psychiatry. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 37-52.	1.0	142
175	Immune nutrition and exercise: Narrative review and practical recommendations. <i>European Journal of Sport Science</i> , 2019, 19, 49-61.	1.4	24
176	One-step process for producing prebiotic arabino-xylooligosaccharides from brewer's spent grain employing <i>Trichoderma</i> species. <i>Food Chemistry</i> , 2019, 270, 86-94.	4.2	66
177	Improving antibacterial activity and viability of <i>Lactobacillus plantarum</i> AKK30 as feed additive by addition of different oligosaccharides. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 251, 012051.	0.2	1
178	Xylitol's Health Benefits beyond Dental Health: A Comprehensive Review. <i>Nutrients</i> , 2019, 11, 1813.	1.7	54
179	Prebiotics: Mechanisms and Preventive Effects in Allergy. <i>Nutrients</i> , 2019, 11, 1841.	1.7	51
180	The role of gut microbiota for the activity of medicinal plants traditionally used in the European Union for gastrointestinal disorders. <i>Journal of Ethnopharmacology</i> , 2019, 245, 112153.	2.0	60
181	Volatile profile of fermented sausages with commercial probiotic strains and fructooligosaccharides. <i>Journal of Food Science and Technology</i> , 2019, 56, 5465-5473.	1.4	31
182	Current Trends of Rice Milling Byproducts for Agricultural Applications and Alternative Food Production Systems. <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, .	1.8	104

#	ARTICLE	IF	CITATIONS
183	Metabolic Effects of Resistant Starch Type 2: A Systematic Literature Review and Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2019, 11, 1833.	1.7	37
184	The Gut Microbiome Influences Host Endocrine Functions. <i>Endocrine Reviews</i> , 2019, 40, 1271-1284.	8.9	179
185	Cheese Whey Processing: Integrated Biorefinery Concepts and Emerging Food Applications. <i>Foods</i> , 2019, 8, 347.	1.9	128
186	Immunomodulatory and Prebiotic Effects of 2- $\alpha$ -Fucosyllactose in Suckling Rats. <i>Frontiers in Immunology</i> , 2019, 10, 1773.	2.2	40
187	Dietary Oligosaccharides Attenuate Stress-Induced Disruptions in Immune Reactivity and Microbial B-Vitamin Metabolism. <i>Frontiers in Immunology</i> , 2019, 10, 1774.	2.2	14
188	Diet and Immune Function. <i>Nutrients</i> , 2019, 11, 1933.	1.7	286
189	Gluten and FODMAPSâ€™Sense of a Restriction/When Is Restriction Necessary?. <i>Nutrients</i> , 2019, 11, 1957.	1.7	30
190	Fructooligosaccharides and mannose affect <i>Clostridium difficile</i> adhesion and biofilm formation in a concentration-dependent manner. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1975-1984.	1.3	24
191	Establishing What Constitutes a Healthy Human Gut Microbiome: State of the Science, Regulatory Considerations, and Future Directions. <i>Journal of Nutrition</i> , 2019, 149, 1882-1895.	1.3	163
192	Maternal Fiber Dietary Intakes during Pregnancy and Infant Allergic Disease. <i>Nutrients</i> , 2019, 11, 1767.	1.7	25
193	A synbiotic concept containing spore-forming <i>Bacillus</i> strains and a prebiotic fiber blend consistently enhanced metabolic activity by modulation of the gut microbiome in vitro. <i>International Journal of Pharmaceutics</i> : X, 2019, 1, 100021.	1.2	36
194	Prebiotic Effect of Lycopene and Dark Chocolate on Gut Microbiome with Systemic Changes in Liver Metabolism, Skeletal Muscles and Skin in Moderately Obese Persons. <i>BioMed Research International</i> , 2019, 2019, 1-15.	0.9	60
195	Monocyte mobilisation, microbiota & mental illness. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 74-91.	2.0	35
196	Probiotics and prebiotics in intestinal health and disease: from biology to the clinic. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 605-616.	8.2	951
197	A successful history: probiotics and their potential as antimicrobials. <i>Expert Review of Anti-Infective Therapy</i> , 2019, 17, 635-645.	2.0	72
198	Prebiotics in Beverages: From Health Impact to Preservation. , 2019, , 339-373.		1
199	Pectin as an Alternative Feed Additive and Effects on Microbiota. , 2019, , 305-319.		1
200	Probiotics, Prebiotics, and Fibers in Nutritive and Functional Beverages. , 2019, , 315-367.		15

#	ARTICLE	IF	CITATIONS
201	Application of lactobacilli and prebiotic oligosaccharides for the development of a synbiotic semi-hard cheese. <i>LWT - Food Science and Technology</i> , 2019, 114, 108361.	2.5	27
202	Probiotics in Food Systems: Significance and Emerging Strategies Towards Improved Viability and Delivery of Enhanced Beneficial Value. <i>Nutrients</i> , 2019, 11, 1591.	1.7	390
203	Potential of Prebiotic Butyrogenic Fibers in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2019, 10, 663.	1.1	60
204	The Capacity of the Fecal Microbiota From Malawian Infants to Ferment Resistant Starch. <i>Frontiers in Microbiology</i> , 2019, 10, 1459.	1.5	11
205	Dose Effects of Orally Administered Spirulina Suspension on Colonic Microbiota in Healthy Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 243.	1.8	30
206	Flammer Syndrome, Disordered Eating and Microbiome: Interrelations, Complexity of Risks and Individual Outcomes. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , 2019, , 317-330.	0.6	2
207	A potential species of next-generation probiotics? The dark and light sides of <i>Bacteroides fragilis</i> in health. <i>Food Research International</i> , 2019, 126, 108590.	2.9	65
208	Pro-, pre-, and symbiotics. , 2019, , 137-145.		0
209	Precision Nutrition and the Microbiome Part II: Potential Opportunities and Pathways to Commercialisation. <i>Nutrients</i> , 2019, 11, 1468.	1.7	50
210	Mineral composition, histomorphometry, and bone biomechanical properties are improved with probiotic, prebiotic, and symbiotic supplementation in rats chronically exposed to passive smoking: a randomized pre-clinical study. <i>Ciencia Rural</i> , 2019, 49, .	0.3	4
211	Adhesion mechanisms mediated by probiotics and prebiotics and their potential impact on human health. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6463-6472.	1.7	365
212	Prebiotics and Dairy Applications. , 2019, , 247-277.		9
213	Insights into the evolving role of the gut microbiome in nonalcoholic fatty liver disease: rationale and prospects for therapeutic intervention. <i>Therapeutic Advances in Gastroenterology</i> , 2019, 12, 175628481985847.	1.4	22
214	The Case for a More Holistic Approach to Dry Eye Disease: Is It Time to Move beyond Antibiotics?. <i>Antibiotics</i> , 2019, 8, 88.	1.5	9
215	Oligosaccharides act as the high efficiency stabilizer for $\beta$ -galactosidase under heat treatment. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 69-76.	3.6	10
216	Dissecting the role of the gut microbiota and diet on visceral fat mass accumulation. <i>Scientific Reports</i> , 2019, 9, 9758.	1.6	41
217	Sodium alginate supplementation modulates gut microbiota, health parameters, growth performance and growth-related gene expression in Malaysian Mahseer <i>Tor tambroides</i> . <i>Aquaculture Nutrition</i> , 2019, 25, 1300-1317.	1.1	10
218	Carbohydrate-Based Prebiotics in Targeted Modulation of Gut Microbiome. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12335-12340.	2.4	19

#	ARTICLE	IF	CITATIONS
219	Characterization, health benefits and applications of fruits and vegetable probiotics. <i>CYTA - Journal of Food</i> , 2019, 17, 770-780.	0.9	28
220	Prebiotic potential of natural gums and starch for bifidobacteria of variable origins. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2019, 20, 100199.	1.5	14
221	Structural diversity and prebiotic potential of short chain $\beta$ -manno-oligosaccharides generated from guar gum by endo- $\beta$ -mannanase (ManB-1601). <i>Carbohydrate Research</i> , 2019, 486, 107822.	1.1	32
222	A Fermented Food Product Containing Lactic Acid Bacteria Protects ZDF Rats from the Development of Type 2 Diabetes. <i>Nutrients</i> , 2019, 11, 2530.	1.7	33
224	Consumption of Galacto-Oligosaccharides Increases Iron Absorption from Ferrous Fumarate: A Stable Iron Isotope Study in Iron-Depleted Young Women. <i>Journal of Nutrition</i> , 2019, 149, 738-746.	1.3	24
225	Can tailored nanoceria act as a prebiotic? Report on improved lipid profile and gut microbiota in obese mice. <i>EPMA Journal</i> , 2019, 10, 317-335.	3.3	44
226	Prophylactic effects of isomaltodextrin in a Balb/c mouse model of egg allergy. <i>Npj Science of Food</i> , 2019, 3, 23.	2.5	3
227	Review of Antibiotic Resistance, Ecology, Dissemination, and Mitigation in U.S. Broiler Poultry Systems. <i>Frontiers in Microbiology</i> , 2019, 10, 2639.	1.5	43
228	Impact of the addition of <i>Lactobacillus casei</i> and oligofructose on the quality parameters of orange juice and hibiscus tea mixed beverage. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e14249.	0.9	15
229	Nutrition: an old science in a new microbial light. <i>Journal of Human Nutrition and Dietetics</i> , 2019, 32, 689-692.	1.3	0
230	Nutrition: An old science in a new microbial light. <i>Nutrition Bulletin</i> , 2019, 44, 304-308.	0.8	2
231	The Human Milk Microbiota is Modulated by Maternal Diet. <i>Microorganisms</i> , 2019, 7, 502.	1.6	59
232	Delivery to the gut microbiota: A rapidly proliferating research field. <i>Advances in Colloid and Interface Science</i> , 2019, 274, 102038.	7.0	20
233	Medical management, prevention and mitigation of environmental risks factors in Neurology. <i>Revue Neurologique</i> , 2019, 175, 698-704.	0.6	1
234	Dietary supplementation of a fiber-prebiotic and saccharin-eugenol blend in extruded diets fed to dogs. <i>Journal of Animal Science</i> , 2019, 97, 4519-4531.	0.2	34
235	Bread for the Aging Population: The Effect of a Functional Wheat-Lentil Bread on the Immune Function of Aged Mice. <i>Foods</i> , 2019, 8, 510.	1.9	7
236	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019, 99, 1877-2013.	13.1	2,304
237	Effect of Prebiotic on Microbiota, Intestinal Permeability, and Glycemic Control in Children With Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4427-4440.	1.8	96

#	ARTICLE	IF	CITATIONS
238	Health Professionals' Knowledge of Probiotics: An International Survey. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3128.	1.2	43
239	Dietary approach and gut microbiota modulation for chronic hepatic encephalopathy in cirrhosis. <i>World Journal of Hepatology</i> , 2019, 11, 489-512.	0.8	34
240	MDG-1, an Ophiopogon polysaccharide, restrains process of non-alcoholic fatty liver disease via modulating the gut-liver axis. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 1013-1021.	3.6	55
241	Lactoferrin Alleviates the Progression of Atherosclerosis in ApoE <sup>-/-</sup> Mice Fed with High-Fat/Cholesterol Diet Through Cholesterol Homeostasis. <i>Journal of Medicinal Food</i> , 2019, 22, 1000-1008.	0.8	11
242	Characterization of Edible Films Based on Alginate or Whey Protein Incorporated with <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> BB-12 and Prebiotics. <i>Coatings</i> , 2019, 9, 493.	1.2	19
243	Effect of potato fiber on survival of <i>Lactobacillus</i> species at simulated gastric conditions and composition of the gut microbiota in vitro. <i>Food Research International</i> , 2019, 125, 108644.	2.9	25
244	Probiotics and prebiotics in clinical tests: an update. <i>F1000Research</i> , 2019, 8, 1157.	0.8	46
245	Macroalga-Derived Alginate Oligosaccharide Alters Intestinal Bacteria of Atlantic Salmon. <i>Frontiers in Microbiology</i> , 2019, 10, 2037.	1.5	49
246	Prebiotics: Trends in food, health and technological applications. <i>Trends in Food Science and Technology</i> , 2019, 93, 23-35.	7.8	152
247	Intestinal gases: influence on gut disorders and the role of dietary manipulations. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 733-747.	8.2	116
248	The Gut Microbiome and Mental Health: What Should We Tell Our Patients?: Le microbiote Intestinal et la Santé Mentale : que Devrions-Nous dire À nos Patients?. <i>Canadian Journal of Psychiatry</i> , 2019, 64, 747-760.	0.9	58
249	Intestinal Microbiota: A Novel Target to Improve Anti-Tumor Treatment?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4584.	1.8	72
250	An insoluble polysaccharide from the sclerotium of <i>Poria cocos</i> improves hyperglycemia, hyperlipidemia and hepatic steatosis in ob/ob mice via modulation of gut microbiota. <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 3-14.	0.7	117
251	The effects of plant-based diets on the body and the brain: a systematic review. <i>Translational Psychiatry</i> , 2019, 9, 226.	2.4	204
252	Improvement of Feed Efficiency in Pigs through Microbial Modulation via Fecal Microbiota Transplantation in Sows and Dietary Supplementation of Inulin in Offspring. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	33
253	Novel milk "juice" beverage with fermented sheep milk and strawberry ( <i>Fragaria</i> — <i>ananassa</i> ): Nutritional and functional characterization. <i>Journal of Dairy Science</i> , 2019, 102, 10724-10736.	1.4	56
254	Administration of dietary prebiotics improves growth performance and reduces pathogen colonization in broiler chickens. <i>Poultry Science</i> , 2019, 98, 6668-6676.	1.5	45
255	The gut microbiota and its relationship with chronic kidney disease. <i>International Urology and Nephrology</i> , 2019, 51, 2209-2226.	0.6	63

#	ARTICLE	IF	CITATIONS
256	Chitin-β-glucan and pomegranate polyphenols improve endothelial dysfunction. <i>Scientific Reports</i> , 2019, 9, 14150.	1.6	25
257	Gut microbiota in colorectal cancer: mechanisms of action and clinical applications. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 690-704.	8.2	686
258	Postbiotics and Their Potential Applications in Early Life Nutrition and Beyond. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4673.	1.8	310
259	Xylooligosaccharides production from wheat middlings bioprocessed with <i>Bacillus subtilis</i> . <i>Food Research International</i> , 2019, 126, 108673.	2.9	24
260	The role of the gut microbiota in the treatment of inflammatory bowel diseases. <i>Microbial Pathogenesis</i> , 2019, 137, 103774.	1.3	62
261	The Need to Focus on Therapy Instead of Associations. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 327.	1.8	6
262	The Potential of Seaweeds as a Source of Functional Ingredients of Prebiotic and Antioxidant Value. <i>Antioxidants</i> , 2019, 8, 406.	2.2	147
263	Probiotics, prebiotics, and low FODMAP diet for irritable bowel syndrome – What is the current evidence?. <i>Complementary Therapies in Medicine</i> , 2019, 43, 73-80.	1.3	48
264	Inulin-Type Fructans Application in Gluten-Free Products: Functionality and Health Benefits. <i>Reference Series in Phytochemistry</i> , 2019, , 723-762.	0.2	0
265	Prevention of Rotavirus Diarrhea in Suckling Rats by a Specific Fermented Milk Concentrate with Prebiotic Mixture. <i>Nutrients</i> , 2019, 11, 189.	1.7	34
266	Modulation of the Gut Microbiota by Resistant Starch as a Treatment of Chronic Kidney Diseases: Evidence of Efficacy and Mechanistic Insights. <i>Advances in Nutrition</i> , 2019, 10, 303-320.	2.9	56
267	A correlation between intestinal microbiota dysbiosis and osteoarthritis. <i>Heliyon</i> , 2019, 5, e01134.	1.4	68
268	Wood-Derived Dietary Fibers Promote Beneficial Human Gut Microbiota. <i>MSphere</i> , 2019, 4, .	1.3	48
269	Is adolescence the missing developmental link in Microbiome-“Gut-“Brain axis communication?. <i>Developmental Psychobiology</i> , 2019, 61, 783-795.	0.9	24
270	The Efficacy of Probiotics, Prebiotic Inulin-Type Fructans, and Synbiotics in Human Ulcerative Colitis: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2019, 11, 293.	1.7	86
271	Separation of di- and trisaccharide mixtures by comprehensive two-dimensional liquid chromatography. Application to prebiotic oligosaccharides. <i>Analytica Chimica Acta</i> , 2019, 1060, 125-132.	2.6	22
272	Inulin addition to yoghurt: Prebiotic activity, health effects and sensory properties. <i>International Journal of Dairy Technology</i> , 2019, 72, 183-198.	1.3	44
273	A Two-Week Treatment with Plant Extracts Changes Gut Microbiota, Caecum Metabolome, and Markers of Lipid Metabolism in ob/ob Mice. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900403.	1.5	16



#	ARTICLE	IF	CITATIONS
274	Changes in stool frequency following chicory inulin consumption, and effects on stool consistency, quality of life and composition of gut microbiota. <i>Food Hydrocolloids</i> , 2019, 96, 688-698.	5.6	33
275	Pectin Hydrolysates from Different Cultivars of Pink/Red and White Grapefruits (<i>Citrus Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 of Food Science, 2019, 84, 1776-1783.	1.5	11
276	An <i>In Vitro</i> Enrichment Strategy for Formulating Synergistic Synbiotics. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	15
277	Microbiota and Neurodevelopmental Trajectories: Role of Maternal and Early-Life Nutrition. <i>Annals of Nutrition and Metabolism</i> , 2019, 74, 16-27.	1.0	47
278	The potential for pre-, pro- and synbiotics in the management of infants at risk of cow's milk allergy or with cow's milk allergy: An exploration of the rationale, available evidence and remaining questions. <i>World Allergy Organization Journal</i> , 2019, 12, 100034.	1.6	21
279	Prebiotics from Seaweeds: An Ocean of Opportunity?. <i>Marine Drugs</i> , 2019, 17, 327.	2.2	77
280	Lactulose: Patient- and dose-dependent prebiotic properties in humans. <i>Anaerobe</i> , 2019, 59, 100-106.	1.0	37
281	The gut microbiota perspective for interventions in MS. <i>Autoimmunity Reviews</i> , 2019, 18, 814-824.	2.5	19
282	Dietary Additives and Supplements Revisited: the Fewer, the Safer for Gut and Liver Health. <i>Current Pharmacology Reports</i> , 2019, 5, 303-316.	1.5	14
283	Prebiotics and Probiotics in Feed and Animal Health. , 2019, , 261-285.		14
284	The Profile of Urinary Headspace Volatile Organic Compounds After 12-Week Intake of Oligofructose-Enriched Inulin by Children and Adolescents with Celiac Disease on a Gluten-Free Diet: Results of a Pilot, Randomized, Placebo-Controlled Clinical Trial. <i>Molecules</i> , 2019, 24, 1341.	1.7	10
285	Stability of microencapsulated lactic acid bacteria under acidic and bile juice conditions. <i>International Journal of Food Science and Technology</i> , 2019, 54, 2355-2362.	1.3	14
286	The crosstalk between microbiome and asthma: Exploring associations and challenges. <i>Clinical and Experimental Allergy</i> , 2019, 49, 1067-1086.	1.4	52
287	A cross talk between dysbiosis and gut-associated immune system governs the development of inflammatory arthropathies. <i>Seminars in Arthritis and Rheumatism</i> , 2019, 49, 474-484.	1.6	46
288	Targeting Carbohydrates and Polyphenols for a Healthy Microbiome and Healthy Weight. <i>Current Nutrition Reports</i> , 2019, 8, 307-316.	2.1	50
289	Yoghurt added with <i>Lactobacillus casei</i> and sweetened with natural sweeteners and/or prebiotics: Implications on quality parameters and probiotic survival. <i>International Dairy Journal</i> , 2019, 97, 139-148.	1.5	66
290	Wheat Germ Supplementation Increases Lactobacillaceae and Promotes an Anti-inflammatory Gut Milieu in C57BL/6 Mice Fed a High-Fat, High-Sucrose Diet. <i>Journal of Nutrition</i> , 2019, 149, 1107-1115.	1.3	24
291	Low-Dose Stevia (Rebaudioside A) Consumption Perturbs Gut Microbiota and the Mesolimbic Dopamine Reward System. <i>Nutrients</i> , 2019, 11, 1248.	1.7	49

#	ARTICLE	IF	CITATIONS
292	Effect of the Degree of Polymerization of Fructans on Ex Vivo Fermented Human Gut Microbiome. <i>Nutrients</i> , 2019, 11, 1293.	1.7	23
293	Technological Aspects of the Production of Fructo and Galacto-Oligosaccharides. Enzymatic Synthesis and Hydrolysis. <i>Frontiers in Nutrition</i> , 2019, 6, 78.	1.6	116
294	Ingestion of a Synbiotic Pasta by Those with Elevated Blood Sugar and Body Mass Index Results in Health Benefits. <i>Journal of Nutrition</i> , 2019, 149, 1687-1689.	1.3	0
295	Prebiotics: tools to manipulate the gut microbiome and metabolome. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 1445-1459.	1.4	54
296	A study of the prebiotic effect of lactulose at low dosages in healthy Japanese women. <i>Bioscience of Microbiota, Food and Health</i> , 2019, 38, 69-72.	0.8	16
297	Probiotics as antifungal agents: Experimental confirmation and future prospects. <i>Journal of Microbiological Methods</i> , 2019, 162, 28-37.	0.7	20
298	The role of short-chain fatty acids in microbiota-brain communication. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 461-478.	8.2	1,519
300	Functional properties of exopolysaccharide (EPS) extract from <i>Lactobacillus fermentum</i> Lf2 and its impact when combined with <i>Bifidobacterium animalis</i> INL1 in yoghurt. <i>International Dairy Journal</i> , 2019, 96, 114-125.	1.5	19
301	Host-Microbe Interplay in the Cardiometabolic Benefits of Dietary Polyphenols. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 384-395.	3.1	34
302	High-intensity ultrasound: A novel technology for the development of probiotic and prebiotic dairy products. <i>Ultrasonics Sonochemistry</i> , 2019, 57, 12-21.	3.8	110
303	Biomarkers of Oxidative Stress in Metabolic Syndrome and Associated Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-19.	1.9	194
304	New insight into bamboo shoot ( <i>Chimonobambusa quadrangularis</i> ) polysaccharides: Impact of extraction processes on its prebiotic activity. <i>Food Hydrocolloids</i> , 2019, 95, 367-377.	5.6	70
305	In vitro Digestibility of Dietary Carbohydrates: Toward a Standardized Methodology Beyond Amyolytic and Microbial Enzymes. <i>Frontiers in Nutrition</i> , 2019, 6, 61.	1.6	21
306	A Systematic Review of the Role of Prebiotics and Probiotics in Autism Spectrum Disorders. <i>Medicina (Lithuania)</i> , 2019, 55, 129.	0.8	87
307	Food Supplements to Mitigate Detrimental Effects of Pelvic Radiotherapy. <i>Microorganisms</i> , 2019, 7, 97.	1.6	18
308	Emerging Health Concepts in the Probiotics Field: Streamlining the Definitions. <i>Frontiers in Microbiology</i> , 2019, 10, 1047.	1.5	201
309	Effect of whole-grain consumption on changes in fecal microbiota: a review of human intervention trials. <i>Nutrition Reviews</i> , 2019, 77, 487-497.	2.6	23
310	Synthetic gutomics: Deciphering the microbial code for futuristic diagnosis and personalized medicine. <i>Methods in Microbiology</i> , 2019, 46, 197-225.	0.4	9

#	ARTICLE	IF	CITATIONS
311	Dairy and Nondairy-Based Beverages as a Vehicle for Probiotics, Prebiotics, and Symbiotics: Alternatives to Health Versus Disease Binomial Approach Through Food. , 2019, , 473-520.		10
312	Synthesis of fructo-oligosaccharides using grape must and sucrose as raw materials. Food Research International, 2019, 123, 166-171.	2.9	7
313	Inulin Can Alleviate Metabolism Disorders in ob/ob Mice by Partially Restoring Leptin-related Pathways Mediated by Gut Microbiota. Genomics, Proteomics and Bioinformatics, 2019, 17, 64-75.	3.0	134
314	The role of gut microbiota in liver disease development and treatment. Liver Research, 2019, 3, 3-18.	0.5	35
315	Potential prebiotic activity of Tenebrio molitor insect flour using an optimized in vitro gut microbiota model. Food and Function, 2019, 10, 3909-3922.	2.1	17
316	Paving the Way to Precision Nutrition Through Metabolomics. Frontiers in Nutrition, 2019, 6, 41.	1.6	84
317	From Probiotics to Psychobiotics: Live Beneficial Bacteria Which Act on the Brain-Gut Axis. Nutrients, 2019, 11, 890.	1.7	99
318	Dairy foods and positive impact on the consumer's health. Advances in Food and Nutrition Research, 2019, 89, 95-164.	1.5	47
319	Physicochemical changes and sensorial properties during black garlic elaboration: A review. Trends in Food Science and Technology, 2019, 88, 459-467.	7.8	40
320	The enumeration of probiotic issues: From unavailable standardised culture media to a recommended procedure?. International Dairy Journal, 2019, 96, 58-65.	1.5	33
321	Effects of a diet based on inulin-rich vegetables on gut health and nutritional behavior in healthy humans. American Journal of Clinical Nutrition, 2019, 109, 1683-1695.	2.2	121
322	Effect of raw potato starch on the gut microbiome and metabolome in mice. International Journal of Biological Macromolecules, 2019, 133, 37-43.	3.6	35
323	<i>In Vitro</i> Digestibility of Galactooligosaccharides: Effect of the Structural Features on Their Intestinal Degradation. Journal of Agricultural and Food Chemistry, 2019, 67, 4662-4670.	2.4	39
324	Effects of prebiotic mixtures on growth performance, intestinal microbiota and immune response in juvenile chu's croaker, Nibea coibor. Fish and Shellfish Immunology, 2019, 89, 564-573.	1.6	36
325	High-yield synthesis of glucooligosaccharides (GLOS) as potential prebiotics from glucose via non-enzymatic glycosylation. Green Chemistry, 2019, 21, 2686-2698.	4.6	21
326	Integrated Analysis of Human Milk Microbiota With Oligosaccharides and Fatty Acids in the CHILD Cohort. Frontiers in Nutrition, 2019, 6, 58.	1.6	74
327	Dietary Modulation of Intestinal Microbiota: Future Opportunities in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. Frontiers in Microbiology, 2019, 10, 740.	1.5	29
328	Is colonic propionate delivery a novel solution to improve metabolism and inflammation in overweight or obese subjects?. Gut, 2019, 68, 1352-1353.	6.1	13

#	ARTICLE	IF	CITATIONS
329	Prospecting prebiotics, innovative evaluation methods, and their health applications: a review. <i>3 Biotech</i> , 2019, 9, 187.	1.1	28
330	Efficacy of an orally administered anti-diarrheal probiotic paste (ProKolin Advanced) in dogs with acute diarrhea: A randomized, placebo-controlled, double-blind clinical study. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 1286-1294.	0.6	29
331	Treating Viral Diarrhea in Children by Probiotic and Zinc Supplements. <i>Pediatric Gastroenterology, Hepatology and Nutrition</i> , 2019, 22, 162.	0.4	10
332	New strategies for the development of innovative fermented meat products: a review regarding the incorporation of probiotics and dietary fibers. <i>Food Reviews International</i> , 2019, 35, 467-484.	4.3	61
333	Characterization of commercial green tea leaves by the analysis of low molecular weight carbohydrates and other quality indicators. <i>Food Chemistry</i> , 2019, 290, 159-167.	4.2	11
334	Gut Reactions: Breaking Down Xenobiotic-Microbiome Interactions. <i>Pharmacological Reviews</i> , 2019, 71, 198-224.	7.1	211
335	Evaluation of Prebiotic Potential of Three Marine Algae Oligosaccharides from Enzymatic Hydrolysis. <i>Marine Drugs</i> , 2019, 17, 173.	2.2	65
336	Prebiotic Intake in Older Adults: Effects on Brain Function and Behavior. <i>Current Nutrition Reports</i> , 2019, 8, 66-73.	2.1	8
337	Fasting-Mimicking Diet Modulates Microbiota and Promotes Intestinal Regeneration to Reduce Inflammatory Bowel Disease Pathology. <i>Cell Reports</i> , 2019, 26, 2704-2719.e6.	2.9	191
338	Therapeutic effects of isomaltodextrin in a BALB/c mouse model of egg allergy. <i>Journal of Functional Foods</i> , 2019, 55, 305-311.	1.6	7
339	Short Chain Fatty Acids (SCFAs)-Mediated Gut Epithelial and Immune Regulation and Its Relevance for Inflammatory Bowel Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 277.	2.2	1,956
340	Probiotics: Reiterating What They Are and What They Are Not. <i>Frontiers in Microbiology</i> , 2019, 10, 424.	1.5	114
341	Microbe-metabolite-host axis, two-way action in the pathogenesis and treatment of human autoimmunity. <i>Autoimmunity Reviews</i> , 2019, 18, 455-475.	2.5	37
342	Contribution of the gut microbiota to the regulation of host metabolism and energy balance: a focus on the gut-liver axis. <i>Proceedings of the Nutrition Society</i> , 2019, 78, 319-328.	0.4	84
343	Probiotics and Prebiotics for the Amelioration of Type 1 Diabetes: Present and Future Perspectives. <i>Microorganisms</i> , 2019, 7, 67.	1.6	89
344	The human microbiome in health and disease: hype or hope. <i>Acta Clinica Belgica</i> , 2019, 74, 53-64.	0.5	34
345	Prebiotic Supplementation of In Vitro Fecal Fermentations Inhibits Proteolysis by Gut Bacteria, and Host Diet Shapes Gut Bacterial Metabolism and Response to Intervention. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	34
346	Dietary Components That May Influence the Disturbed Gut Microbiota in Chronic Kidney Disease. <i>Nutrients</i> , 2019, 11, 496.	1.7	112

#	ARTICLE	IF	CITATIONS
347	Gut Microbiota and Healthy Aging. , 2019, , .		0
348	Protective effect of prebiotic and exercise intervention on knee health in a rat model of diet-induced obesity. Scientific Reports, 2019, 9, 3893.	1.6	95
349	Shaping the Infant Microbiome With Non-digestible Carbohydrates. Frontiers in Microbiology, 2019, 10, 343.	1.5	43
350	In vitro colonic fermentation of dietary fibers: Fermentation rate, short-chain fatty acid production and changes in microbiota. Trends in Food Science and Technology, 2019, 88, 1-9.	7.8	285
351	Feeding of 1-Kestose Induces Glutathione-S-Transferase Expression in Mouse Liver. Foods, 2019, 8, 69.	1.9	3
352	Reactive mechanism and the applications of bioactive prebiotics for human health: Review. Journal of Microbiological Methods, 2019, 159, 128-137.	0.7	66
353	Risks and benefits of consuming edible seaweeds. Nutrition Reviews, 2019, 77, 307-329.	2.6	227
354	Prebiotic supplementation in frail older people affects specific gut microbiota taxa but not global diversity. Microbiome, 2019, 7, 39.	4.9	72
355	The Role of Probiotics and Prebiotics in the Prevention and Treatment of Obesity. Nutrients, 2019, 11, 635.	1.7	254
356	The evolution of lactose digestion. , 2019, , 1-48.		4
357	Exploring the microbiota and metabolites of traditional rice beer varieties of Assam and their functionalities. 3 Biotech, 2019, 9, 174.	1.1	19
358	Clinical Ecologyâ€™Transforming 21st-Century Medicine with Planetary Health in Mind. Challenges, 2019, 10, 15.	0.9	16
359	SCFAs â€™ the thin microbial metabolic line between good and bad. Nature Reviews Endocrinology, 2019, 15, 318-319.	4.3	74
360	Fermented Momordica charantia L. juice modulates hyperglycemia, lipid profile, and gut microbiota in type 2 diabetic rats. Food Research International, 2019, 121, 367-378.	2.9	55
361	Optimization of conjugated linoleic acid production by Bifidobacterium animalis subsp. Lactis and its application in fermented milk. LWT - Food Science and Technology, 2019, 108, 344-352.	2.5	13
362	Effects of oral supplementation with probiotics or synbiotics in overweight and obese adults: a systematic review and meta-analyses of randomized trials. Nutrition Reviews, 2019, 77, 430-450.	2.6	49
363	Changes in the microstructural, textural, thermal and sensory properties of apple leathers containing added agavins and inulin. Food Chemistry, 2019, 301, 124590.	4.2	14
364	The addition of xyloligosaccharide in strawberry-flavored whey beverage. LWT - Food Science and Technology, 2019, 109, 118-122.	2.5	57

#	ARTICLE	IF	CITATIONS
365	Comparative genomics of human <i>Lactobacillus crispatus</i> isolates reveals genes for glycosylation and glycogen degradation: implications for in vivo dominance of the vaginal microbiota. <i>Microbiome</i> , 2019, 7, 49.	4.9	84
366	Oral delivery of non-viral nucleic acid-based therapeutics - do we have the guts for this?. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 133, 190-204.	1.9	64
367	Critical Appraisal of Oral Pre- and Probiotics for Caries Prevention and Care. <i>Caries Research</i> , 2019, 53, 514-526.	0.9	75
368	Prebiotics in irritable bowel syndrome and other functional bowel disorders in adults: a systematic review and meta-analysis of randomized controlled trials. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1098-1111.	2.2	84
369	Fermentative properties of starter culture during manufacture of kefir with new prebiotics derived from lactulose. <i>International Dairy Journal</i> , 2019, 93, 22-29.	1.5	21
370	The Impact of <i>Lactobacillus plantarum</i> on the Gut Microbiota of Mice with DSS-Induced Colitis. <i>BioMed Research International</i> , 2019, 2019, 1-10.	0.9	56
371	The human gut Firmicute <i>Roseburia intestinalis</i> is a primary degrader of dietary $\beta$ -mannans. <i>Nature Communications</i> , 2019, 10, 905.	5.8	202
372	Prebiotics – an added benefit of some fibre types. <i>Nutrition Bulletin</i> , 2019, 44, 74-91.	0.8	36
373	Impact of Grain Sorghum Polyphenols on Microbiota of Normal Weight and Overweight/Obese Subjects during In Vitro Fecal Fermentation. <i>Nutrients</i> , 2019, 11, 217.	1.7	41
374	Potential for Prebiotics as Feed Additives to Limit Foodborne <i>Campylobacter</i> Establishment in the Poultry Gastrointestinal Tract. <i>Frontiers in Microbiology</i> , 2019, 10, 91.	1.5	58
375	Gut Dysbiosis in Arterial Hypertension. , 2019, , 243-249.		0
376	Survival, metabolic status and cellular morphology of probiotics in dairy products and dietary supplement after simulated digestion. <i>Journal of Functional Foods</i> , 2019, 55, 126-134.	1.6	28
377	<i>L. acidophilus</i> La-5, fructo-oligosaccharides and inulin may improve sensory acceptance and texture profile of a synbiotic diet mousse. <i>LWT - Food Science and Technology</i> , 2019, 105, 329-335.	2.5	14
378	Can Gut Microbiota and Lifestyle Help Us in the Handling of Anorexia Nervosa Patients?. <i>Microorganisms</i> , 2019, 7, 58.	1.6	10
379	Effect of high-intensity ultrasound on the nutritional profile and volatile compounds of a prebiotic soursop whey beverage. <i>Ultrasonics Sonochemistry</i> , 2019, 55, 157-164.	3.8	99
380	Fructooligosaccharides Ameliorating Cognitive Deficits and Neurodegeneration in APP/PS1 Transgenic Mice through Modulating Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3006-3017.	2.4	86
381	The Role of Prebiotics in Disease Prevention and Health Promotion. , 2019, , 151-167.		14
382	Prebiotics for Gastrointestinal Infections and Acute Diarrhea. , 2019, , 179-191.		3

#	ARTICLE	IF	CITATIONS
383	High-Fiber Diets in Gastrointestinal Tract Diseases. , 2019, , 229-244.		3
384	Novel multi-phase nano-emulsion preparation for co-loading hydrophilic arbutin and hydrophobic coumaric acid using hydrocolloids. Food Hydrocolloids, 2019, 93, 92-101.	5.6	41
385	Purification and Physicochemical Characterization of a Novel Thermostable Xylanase Secreted by the Fungus Myceliophthora heterothallica F.2.1.4. Applied Biochemistry and Biotechnology, 2019, 188, 991-1008.	1.4	19
386	Prebiotic reduction of brain histone deacetylase (HDAC) activity and olanzapine-mediated weight gain in rats, are acetate independent. Neuropharmacology, 2019, 150, 184-191.	2.0	21
387	Probiotic or synbiotic alters the gut microbiota and metabolism in a randomised controlled trial of weight management in overweight adults. Beneficial Microbes, 2019, 10, 121-135.	1.0	118
388	Prebiotic effect of two grams of lactulose in healthy Japanese women: a randomised, double-blind, placebo-controlled crossover trial. Beneficial Microbes, 2019, 10, 629-639.	1.0	20
389	Chapter 10 Beta-glucans and beta-glucanase in animal nutrition, do we understand their full effects?. , 2019, , 171-191.		2
390	Chapter 17 Fibre and fibre breakdown products as microbial and immune defence modulators. , 2019, , 297-311.		0
391	Chapter 18 Cross-feeding during human colon fermentation. , 2019, , 313-338.		1
392	Mechanisms and immunomodulatory properties of pre- and probiotics. Beneficial Microbes, 2019, 10, 225-236.	1.0	38
393	Postbiotics: facts and open questions. A position paper on the need for a consensus definition. Beneficial Microbes, 2019, 10, 711-719.	1.0	77
394	Health effects and potential mode of action of papaya (<i>Carica papaya</i> L.) bioactive chemicals. Acta Horticulturae, 2019, , 197-208.	0.1	1
396	Dysbiosis of Gut Microbiota Contributes to the Development of Diabetes Mellitus. Infectious Microbes & Diseases, 2019, 1, 43-48.	0.5	10
397	In vitro Gastrointestinal Models for Prebiotic Carbohydrates: A Critical Review. Current Pharmaceutical Design, 2019, 25, 3478-3483.	0.9	15
398	Systemic Sclerosis and Microbiota: Overview of Current Research Trends and Future Perspective. Journal of Rheumatic Diseases, 2019, 26, 235.	0.4	1
399	Effects of oligosaccharide-sialic acid (OS) compound on maternal-newborn gut microbiome, glucose metabolism and systematic immunity in pregnancy: protocol for a randomised controlled study. BMJ Open, 2019, 9, e026583.	0.8	3
400	Microbiota modification in hematology: still at the bench or ready for the bedside?. Blood Advances, 2019, 3, 3461-3472.	2.5	24
401	Fruit and Vegetable Concentrate Supplementation and Cardiovascular Health: A Systematic Review from a Public Health Perspective. Journal of Clinical Medicine, 2019, 8, 1914.	1.0	1

#	ARTICLE	IF	CITATIONS
402	Anti-Inflammatory Activity of Isomaltodextrin in a C57BL/6NCrI Mouse Model with Lipopolysaccharide-Induced Low-Grade Chronic Inflammation. <i>Nutrients</i> , 2019, 11, 2791.	1.7	13
403	Structural Identity of Galactooligosaccharide Molecules Selectively Utilized by Single Cultures of Probiotic Bacterial Strains. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13969-13977.	2.4	29
405	International Society of Sports Nutrition Position Stand: Probiotics. <i>Journal of the International Society of Sports Nutrition</i> , 2019, 16, 62.	1.7	134
406	Probiotics supplement for the prevention of eczema in children. <i>Medicine (United States)</i> , 2019, 98, e16957.	0.4	3
407	Cereal bars functionalized through <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> BB-12 and inulin incorporated in edible coatings of whey protein isolate or alginate. <i>Food and Function</i> , 2019, 10, 6892-6902.	2.1	17
408	Intestinal anti-inflammatory activity of <i>Pilosocereus gounellei</i> A. Weber ex K. <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i>	2.1	16
409	Effect of Diet on the Gut Microbiota: Rethinking Intervention Duration. <i>Nutrients</i> , 2019, 11, 2862.	1.7	449
410	Combined dietary supplementation of long chain inulin and <i>Lactobacillus acidophilus</i> W37 supports oral vaccination efficacy against <i>Salmonella Typhimurium</i> in piglets. <i>Scientific Reports</i> , 2019, 9, 18017.	1.6	11
411	Role of Probiotics in Non-alcoholic Fatty Liver Disease: Does Gut Microbiota Matter?. <i>Nutrients</i> , 2019, 11, 2837.	1.7	64
412	Probiotics and Prebiotics. , 2019, , 831-854.		10
413	Early-Life Contributors to Child Well-Being. <i>Annals of Nutrition and Metabolism</i> , 2019, 74, 5-6.	1.0	0
414	Efficacy of Using Probiotics with Antagonistic Activity against Pathogens of Wound Infections: An Integrative Review of Literature. <i>BioMed Research International</i> , 2019, 2019, 1-21.	0.9	77
415	Current understanding of gut microbiota alterations and related therapeutic intervention strategies in heart failure. <i>Chinese Medical Journal</i> , 2019, 132, 1843-1855.	0.9	40
416	Coronary heart disease and intestinal microbiota. <i>Coronary Artery Disease</i> , 2019, 30, 384-389.	0.3	13
417	Microbiota and nonalcoholic fatty liver disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2019, 22, 393-400.	1.3	28
418	Administration of galacto-oligosaccharide prebiotics in the Flinders Sensitive Line animal model of depression. <i>BMJ Open Science</i> , 2019, 3, e000017.	0.8	1
420	Synthesis of prebiotic galactooligosaccharides from lactose and lactulose by dairy propionibacteria. <i>Food Microbiology</i> , 2019, 77, 93-105.	2.1	21
421	Effects of Dietary Supplementation of Probiotic Mix and Prebiotic on Growth Performance, Cecal Microbiota Composition, and Protection Against <i>Escherichia coli</i> O78 in Broiler Chickens. <i>Probiotics and Antimicrobial Proteins</i> , 2019, 11, 981-989.	1.9	35



#	ARTICLE	IF	CITATIONS
422	Lactic acid fermentation of <i>Arthrospira platensis</i> (spirulina) biomass for probiotic-based products. <i>Journal of Applied Phycology</i> , 2019, 31, 1077-1083.	1.5	61
423	The Gut Microbiota: A Clinically Impactful Factor in Patient Health and Disease. <i>SN Comprehensive Clinical Medicine</i> , 2019, 1, 188-199.	0.3	14
424	Ensuring the future of functional foods. <i>International Journal of Food Science and Technology</i> , 2019, 54, 1467-1485.	1.3	104
425	Regulation of Adaptive Thermogenesis and Browning by Prebiotics and Postbiotics. <i>Frontiers in Physiology</i> , 2018, 9, 1908.	1.3	50
426	Gut microbiota and health: connecting actors across the metabolic system. <i>Proceedings of the Nutrition Society</i> , 2019, 78, 177-188.	0.4	49
427	Gut microbiome approaches to treat obesity in humans. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1081-1094.	1.7	41
428	Tropical fruit by-products water extracts as sources of soluble fibres and phenolic compounds with potential antioxidant, anti-inflammatory, and functional properties. <i>Journal of Functional Foods</i> , 2019, 52, 724-733.	1.6	73
429	Structural and functional characterization of a family GH53 Î <sup>2</sup> -1,4-galactanase from <i>Bacteroides thetaiotaomicron</i> that facilitates degradation of prebiotic galactooligosaccharides. <i>Journal of Structural Biology</i> , 2019, 205, 1-10.	1.3	31
430	Microbiome Metabolic Potency Towards Plant Bioactives and Consequences for Health Effects. , 2019, , 1-10.		0
431	Targeting gut microbiota with a complex mix of dietary fibers improves metabolic diseases. <i>Kidney International</i> , 2019, 95, 14-16.	2.6	21
432	Microbiota and metabolites in metabolic diseases. <i>Nature Reviews Endocrinology</i> , 2019, 15, 69-70.	4.3	172
433	Effects of prebiotics on affect and cognition in human intervention studies. <i>Nutrition Reviews</i> , 2019, 77, 81-95.	2.6	25
434	Flour from mature <i>Prosopis nigra</i> pods as suitable substrate for the synthesis of prebiotic fructo-oligosaccharides and stabilization of dehydrated <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> . <i>Food Research International</i> , 2019, 121, 561-567.	2.9	13
435	Germinated brown rice combined with <i>Lactobacillus acidophilus</i> and <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> inhibits colorectal carcinogenesis in rats. <i>Food Science and Nutrition</i> , 2019, 7, 216-224.	1.5	37
436	Characterization and Bifidobacterium sp. growth stimulation of exopolysaccharide produced by <i>Enterococcus faecalis</i> EJR152 isolated from human breast milk. <i>Carbohydrate Polymers</i> , 2019, 206, 102-109.	5.1	46
437	Encapsulation in an alginate-goats milk inulin matrix improves survival of probiotic <i>Bifidobacterium</i> in simulated gastrointestinal conditions and goats milk yoghurt. <i>International Journal of Dairy Technology</i> , 2019, 72, 132-141.	1.3	56
438	Influence of inulin rich carbohydrates from Jerusalem artichoke ( <i>Helianthus tuberosus</i> L.) tubers on probiotic properties of <i>Lactobacillus</i> strains. <i>LWT - Food Science and Technology</i> , 2019, 101, 738-746.	2.5	47
439	Vine shoots as new source for the manufacture of prebiotic oligosaccharides. <i>Carbohydrate Polymers</i> , 2019, 207, 34-43.	5.1	52

#	ARTICLE	IF	CITATIONS
440	Effects of prebiotics on immunologic indicators and intestinal microbiota structure in perioperative colorectal cancer patients. <i>Nutrition</i> , 2019, 61, 132-142.	1.1	85
441	Stimulatory effects of novel glucosylated lactose derivatives GL34 on growth of selected gut bacteria. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 707-718.	1.7	5
442	Effect of the in vitro gastrointestinal digestion on free-phenolic compounds and mono/oligosaccharides from <i>Moringa oleifera</i> leaves: Bioaccessibility, intestinal permeability and antioxidant capacity. <i>Food Research International</i> , 2019, 120, 631-642.	2.9	40
443	Safety of Probiotics in Health and Disease. , 2019, , 603-622.		8
444	Functionality of the components from goat's milk, recent advances for functional dairy products development and its implications on human health. <i>Journal of Functional Foods</i> , 2019, 52, 243-257.	1.6	108
445	Les probiotiques: une stratégie nutritionnelle pour prévenir des allergies. <i>Revue Française D'allergologie</i> , 2019, 59, 90-101.	0.1	0
446	Physicochemical and rheological properties of cross-linked inulin with different degree of polymerization. <i>Food Hydrocolloids</i> , 2019, 95, 318-325.	5.6	26
447	Prebiotics and Probiotics in Digestive Health. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 333-344.	2.4	215
448	Maternal prebiotic supplementation reduces fatty liver development in offspring through altered microbial and metabolomic profiles in rats. <i>FASEB Journal</i> , 2019, 33, 5153-5167.	0.2	39
449	A mini-review on the microbial continuum: consideration of a link between judicious consumption of a varied diet of macroalgae and human health and nutrition. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 790-805.	0.6	10
450	Dietary Fructooligosaccharide and Glucomannan Alter Gut Microbiota and Improve Bone Metabolism in Senescence-Accelerated Mouse. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 867-874.	2.4	36
451	The microbiota-gut-brain axis: A promising avenue to foster healthy developmental outcomes. <i>Developmental Psychobiology</i> , 2019, 61, 772-782.	0.9	21
452	Cloning and expression of enterovirus 71 capsid protein 1 in a probiotic <i>Bifidobacterium pseudocatenulatum</i> . <i>Letters in Applied Microbiology</i> , 2019, 68, 9-16.	1.0	3
453	Plant-Derived Prebiotics and Its Health Benefits. , 2019, , 63-88.		10
454	Cumulative effect of yeast extract and fructooligosaccharide supplementation on composition and metabolic activity of elderly colonic microbiota in vitro. <i>Journal of Functional Foods</i> , 2019, 52, 43-53.	1.6	12
455	Influence of the Human Gut Microbiome on the Metabolic Phenotype. , 2019, , 535-560.		13
456	An insight into gut microbiota and its functionalities. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 473-493.	2.4	552
457	Gut microbiota and obesity: An opportunity to alter obesity through faecal microbiota transplant (FMT). <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 479-490.	2.2	101

#	ARTICLE	IF	CITATIONS
458	Do probiotics, prebiotics and synbiotics affect adiponectin and leptin in adults? A systematic review and meta-analysis of clinical trials. <i>Clinical Nutrition</i> , 2019, 38, 2031-2037.	2.3	23
459	Effect of prebiotic and probiotic supplementation on circulating pro-inflammatory cytokines and urinary cortisol levels in patients with major depressive disorder: A double-blind, placebo-controlled randomized clinical trial. <i>Journal of Functional Foods</i> , 2019, 52, 596-602.	1.6	37
460	Probiotics and Prebiotics. , 2019, , 67-80.		5
461	Improved probiotic survival to in vitro gastrointestinal stress in a mousse containing <i>Lactobacillus acidophilus</i> La-5 microencapsulated with inulin by spray drying. <i>LWT - Food Science and Technology</i> , 2019, 99, 404-410.	2.5	68
462	Downscale fermentation for xylooligosaccharides production by recombinant <i>Bacillus subtilis</i> 3610. <i>Carbohydrate Polymers</i> , 2019, 205, 176-183.	5.1	22
463	You are what you eat: diet, health and the gut microbiota. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 35-56.	8.2	980
464	Nutritional Aspects of Raw Milk. , 2019, , 127-148.		10
465	Prebiotic effect of predigested mango peel on gut microbiota assessed in a dynamic in vitro model of the human colon (TIM-2). <i>Food Research International</i> , 2019, 118, 89-95.	2.9	75
466	The gut microbiota: A new target in the management of alcohol dependence?. <i>Alcohol</i> , 2019, 74, 105-111.	0.8	36
467	The urinary phenolic acid profile varies between younger and older adults after a polyphenol-rich meal despite limited differences in in vitro colonic catabolism. <i>European Journal of Nutrition</i> , 2019, 58, 1095-1111.	1.8	23
468	The Impact of Probiotic Supplements on Cognitive Parameters in Euthymic Individuals with Bipolar Disorder: A Pilot Study. <i>Neuropsychobiology</i> , 2020, 79, 63-70.	0.9	36
469	Effect of prebiotic and probiotic supplementation on neurodevelopment in preterm very low birth weight infants: findings from a meta-analysis. <i>Pediatric Research</i> , 2020, 87, 811-822.	1.1	26
470	Determination of the prebiotic activity of wheat arabinogalactan peptide (AGP) using batch culture fermentation. <i>European Journal of Nutrition</i> , 2020, 59, 297-307.	1.8	23
471	Probiotics as an Adjunct Therapy for the Treatment of Halitosis, Dental Caries and Periodontitis. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 325-334.	1.9	75
472	Gut microbiota and obesity: Impact of antibiotics and prebiotics and potential for musculoskeletal health. <i>Journal of Sport and Health Science</i> , 2020, 9, 110-118.	3.3	20
473	Potential for enriching next-generation health-promoting gut bacteria through prebiotics and other dietary components. <i>Gut Microbes</i> , 2020, 11, 1-20.	4.3	174
474	Mid-life microbiota crises: middle age is associated with pervasive neuroimmune alterations that are reversed by targeting the gut microbiome. <i>Molecular Psychiatry</i> , 2020, 25, 2567-2583.	4.1	102
475	Recent Advancements in the Development of Modern Probiotics for Restoring Human Gut Microbiome Dysbiosis. <i>Indian Journal of Microbiology</i> , 2020, 60, 12-25.	1.5	70

#	ARTICLE	IF	CITATIONS
476	Natural Tannin Wood Extracts as a Potential Food Ingredient in the Food Industry. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2836-2848.	2.4	52
477	Nutritional interest of dietary fiber and prebiotics in obesity: Lessons from the MyNewGut consortium. <i>Clinical Nutrition</i> , 2020, 39, 414-424.	2.3	77
478	Supplementation of dietary non-digestible oligosaccharides from birth onwards improve social and reduce anxiety-like behaviour in male BALB/c mice. <i>Nutritional Neuroscience</i> , 2020, 23, 896-910.	1.5	27
479	The Effects of Prebiotics and Substances with Prebiotic Properties on Metabolic and Inflammatory Biomarkers in Individuals with Type 2 Diabetes Mellitus: A Systematic Review. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020, 120, 587-607.e2.	0.4	49
480	A review of dietary and microbial connections to depression, anxiety, and stress. <i>Nutritional Neuroscience</i> , 2020, 23, 237-250.	1.5	105
481	Impact of fructooligosaccharides and probiotic strains on the quality parameters of low-fat Spanish SalchichÃ³n. <i>Meat Science</i> , 2020, 159, 107936.	2.7	56
482	Fourteen steps to relevance: taking probiotics from the bench to the consumer. <i>Canadian Journal of Microbiology</i> , 2020, 66, 1-10.	0.8	5
483	Antioxidant activity of high purity blueberry anthocyanins and the effects on human intestinal microbiota. <i>LWT - Food Science and Technology</i> , 2020, 117, 108621.	2.5	81
484	Effects of prebiotic carbohydrates on the growth promotion and cholesterol-lowering abilities of compound probiotics in vitro. <i>LWT - Food Science and Technology</i> , 2020, 118, 108703.	2.5	9
485	Rethinking the impact of RG-I mainly from fruits and vegetables on dietary health. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 2938-2960.	5.4	67
486	Rediscovering acidophilus milk, its quality characteristics, manufacturing methods, flavor chemistry and nutritional value. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 3024-3041.	5.4	16
487	Hyaluronic acidâ€™bilirubin nanomedicine for targeted modulation of dysregulated intestinal barrier, microbiome and immune responses in colitis. <i>Nature Materials</i> , 2020, 19, 118-126.	13.3	370
488	Efficacy of Synbiotics to Reduce Symptoms and Rectal Inflammatory Response in Acute Radiation Proctitis: A Randomized, Double-Blind, Placebo-Controlled Pilot Trial. <i>Nutrition and Cancer</i> , 2020, 72, 602-609.	0.9	8
489	Current extraction techniques towards bioactive compounds from brewerâ€™s spent grain â€™ A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 2730-2741.	5.4	48
490	Prebiotics and Human Milk Oligosaccharides. , 2020, , 278-286.		2
491	Synergistic and antagonistic interactions between antibiotics and synbiotics in modifying the murine fecal microbiome. <i>European Journal of Nutrition</i> , 2020, 59, 1831-1844.	1.8	9
492	Daily intake of wheat germ-enriched bread may promote a healthy gut bacterial microbiota: a randomised controlled trial. <i>European Journal of Nutrition</i> , 2020, 59, 1951-1961.	1.8	6
493	Impact of kestose supplementation on the healthy adult microbiota in in vitro fecal batch cultures. <i>Anaerobe</i> , 2020, 61, 102076.	1.0	11

#	ARTICLE	IF	CITATIONS
494	The enduring effects of early-life stress on the microbiota-gut-brain axis are buffered by dietary supplementation with milk fat globule membrane and a prebiotic blend. <i>European Journal of Neuroscience</i> , 2020, 51, 1042-1058.	1.2	44
495	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 477-502.	4.2	227
496	Regulation of thermogenic capacity in brown and white adipocytes by the prebiotic high-esterified pectin and its postbiotic acetate. <i>International Journal of Obesity</i> , 2020, 44, 715-726.	1.6	17
497	Developments in understanding and applying prebiotics in research and practice—an ISAPP conference paper. <i>Journal of Applied Microbiology</i> , 2020, 128, 934-949.	1.4	85
498	Manipulating resident microbiota to enhance regulatory immune function to treat inflammatory bowel diseases. <i>Journal of Gastroenterology</i> , 2020, 55, 4-14.	2.3	63
499	Conventional and non-conventional applications of $\beta$ -galactosidases. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140271.	1.1	62
500	In vitro digestion and fermentation of released exopolysaccharides (r-EPS) from <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> SRFM-1. <i>Carbohydrate Polymers</i> , 2020, 230, 115593.	5.1	20
501	How does the degree of inulin polymerization affect the bioaccessibility of bioactive compounds from sourdop whey beverage during in vitro gastrointestinal digestion?. <i>Food Hydrocolloids</i> , 2020, 101, 105511.	5.6	28
502	In vitro effects of <i>Bifidobacterium lactis</i> -based synbiotics on human faecal bacteria. <i>Food Research International</i> , 2020, 128, 108776.	2.9	13
503	Prebiotic effect of fructo-oligosaccharides on the inner ear of DBA/2 J mice with early-onset progressive hearing loss. <i>Journal of Nutritional Biochemistry</i> , 2020, 75, 108247.	1.9	8
504	Lactic Acid Bacteria in Shellfish: Possibilities and Challenges. <i>Reviews in Fisheries Science and Aquaculture</i> , 2020, 28, 139-169.	5.1	46
505	Drugging the gut microbiota: toward rational modulation of bacterial composition in the gut. <i>Current Opinion in Chemical Biology</i> , 2020, 56, 10-15.	2.8	11
506	Neuroactive compounds in foods: Occurrence, mechanism and potential health effects. <i>Food Research International</i> , 2020, 128, 108744.	2.9	127
508	Impact of probiotics and prebiotics targeting metabolic syndrome. <i>Journal of Functional Foods</i> , 2020, 64, 103666.	1.6	50
509	Physicochemical, microbiological, rheological, and sensory properties of yoghurts with new polysaccharide extracts from <i>Lactarius volemus</i> Fr. using three probiotics. <i>International Journal of Dairy Technology</i> , 2020, 73, 168-181.	1.3	24
510	Performance of different microbial cultures in potentially probiotic and prebiotic yoghurts from cow and goat milks. <i>International Journal of Dairy Technology</i> , 2020, 73, 144-156.	1.3	45
511	Bidirectional gut-microbial-mediated brain signaling: A new player in stress physiology? (Commentary on) Tj ET Og 0 0 0 rg BT /Overlo	1.2	1
512	Brain-Gut Axis. , 2020, , 394-400.		0

#	ARTICLE	IF	CITATIONS
513	Evaluation of the interaction between microencapsulated Bifidobacterium BB-12 added in goatâ€™s milk Frozen Yogurt and Escherichia coli in the large intestine. Food Research International, 2020, 127, 108690.	2.9	26
514	Nutraceuticals as modulators of gut microbiota: Role in therapy. British Journal of Pharmacology, 2020, 177, 1351-1362.	2.7	28
515	Preclinical and clinical relevance of probiotics and synbiotics in colorectal carcinogenesis: a systematic review. Nutrition Reviews, 2020, 78, 667-687.	2.6	37
516	Harvesting of Prebiotic Fructooligosaccharides by Nonbeneficial Human Gut Bacteria. MSphere, 2020, 5, .	1.3	12
517	The effect of bound polyphenols on the fermentation and antioxidant properties of carrot dietary fiber <i>in vivo</i> and <i>in vitro</i> . Food and Function, 2020, 11, 748-758.	2.1	30
518	Functional Foods: Product Development, Technological Trends, Efficacy Testing, and Safety. Annual Review of Food Science and Technology, 2020, 11, 93-118.	5.1	325
519	Novel insights into prebiotic properties on human health: A review. Food Research International, 2020, 131, 108973.	2.9	54
520	Gutted! Unraveling the Role of the Microbiome in Major Depressive Disorder. Harvard Review of Psychiatry, 2020, 28, 26-39.	0.9	94
521	Impact of probiotics and prebiotics on food texture. Current Opinion in Food Science, 2020, 33, 38-44.	4.1	104
522	Paraprobiotics and postbiotics: concepts and potential applications in dairy products. Current Opinion in Food Science, 2020, 32, 1-8.	4.1	164
523	Inulin improves the egg production performance and affects the cecum microbiota of laying hens. International Journal of Biological Macromolecules, 2020, 155, 1599-1609.	3.6	16
524	Probiotics to manage inflammation in HIV infection. Current Opinion in Infectious Diseases, 2020, 33, 34-43.	1.3	19
525	Potential prebiotic effect of a long-chain dextran produced by <i>Weissella cibaria</i> : an <i>in vitro</i> evaluation. International Journal of Food Sciences and Nutrition, 2020, 71, 563-571.	1.3	16
526	Low FODMAP Diet: Evidence, Doubts, and Hopes. Nutrients, 2020, 12, 148.	1.7	99
527	Dietary prebiotic inulin benefits on growth performance, antioxidant capacity, immune response and intestinal microbiota in Pacific white shrimp ( <i>Litopenaeus vannamei</i> ) at low salinity. Aquaculture, 2020, 518, 734847.	1.7	57
528	Panel 4: Recent advances in understanding the natural history of the otitis media microbiome and its response to environmental pressures. International Journal of Pediatric Otorhinolaryngology, 2020, 130, 109836.	0.4	16
529	Intestinal microbiome and NAFLD: molecular insights and therapeutic perspectives. Journal of Gastroenterology, 2020, 55, 142-158.	2.3	105
530	The gut microbiome: an orchestrator of xenobiotic metabolism. Acta Pharmaceutica Sinica B, 2020, 10, 19-32.	5.7	154

#	ARTICLE	IF	CITATIONS
531	Probiotic viability in yoghurts containing oligosaccharides derived from lactulose (OsLu) during fermentation and cold storage. <i>International Dairy Journal</i> , 2020, 102, 104621.	1.5	18
532	Non-alcoholic fatty liver diseases: from role of gut microbiota to microbial-based therapies. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 613-627.	1.3	33
533	The connection between microbiome and schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 712-731.	2.9	50
534	GH36 $\beta$ -galactosidase from <i>Lactobacillus plantarum</i> WCFS1 synthesizes Gal- $\beta$ -1,6 linked prebiotic $\beta$ -galactooligosaccharide by transglycosylation. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 334-342.	3.6	12
535	Technological strategies ensuring the safe arrival of beneficial microorganisms to the gut: From food processing and storage to their passage through the gastrointestinal tract. <i>Food Research International</i> , 2020, 129, 108852.	2.9	67
536	Potentially symbiotic fermented milk: A preliminary approach using lactose-free milk. <i>LWT - Food Science and Technology</i> , 2020, 118, 108847.	2.5	8
537	Apple polysaccharide could promote the growth of <i>Bifidobacterium longum</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 152, 1186-1193.	3.6	12
538	Development and validation of the Simulator of the Canine Intestinal Microbial Ecosystem (SCIME)1. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	14
539	In vitro assessment of prebiotic properties of xylooligosaccharides produced by <i>Bacillus subtilis</i> 3610. <i>Carbohydrate Polymers</i> , 2020, 229, 115460.	5.1	26
540	Food for thought about manipulating gut bacteria. <i>Nature</i> , 2020, 577, 32-34.	13.7	16
541	Therapeutic significance of $\beta$ -glucuronidase activity and its inhibitors: A review. <i>European Journal of Medicinal Chemistry</i> , 2020, 187, 111921.	2.6	76
542	Influence of the prebiotics hi-maize, inulin and rice bran on the viability of pectin microparticles containing <i>Lactobacillus acidophilus</i> LA-5 obtained by internal gelation/emulsification. <i>Powder Technology</i> , 2020, 362, 409-415.	2.1	36
543	Probiotics and prebiotics potential for the care of skin, female urogenital tract, and respiratory tract. <i>Folia Microbiologica</i> , 2020, 65, 245-264.	1.1	63
544	Prebiotic activity of monofloral honeys produced by stingless bees in the semi-arid region of Brazilian Northeastern toward <i>Lactobacillus acidophilus</i> LA-05 and <i>Bifidobacterium lactis</i> BB-12. <i>Food Research International</i> , 2020, 128, 108809.	2.9	27
545	The Influence of Diet Interventions Using Whole, Plant Food on the Gut Microbiome: A Narrative Review. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020, 120, 608-623.	0.4	24
546	Malnutrition and Perioperative Nutritional Support in Retroperitoneal Sarcoma Patients: Results from a Prospective Study. <i>Annals of Surgical Oncology</i> , 2020, 27, 2025-2032.	0.7	20
547	Metabolism analysis for enhanced nutritional profile of chestnuts subjected to anaerobic solid-state fermentation by probiotic lactic acid bacteria. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14360.	0.9	1
548	Is Eating Raisins Healthy?. <i>Nutrients</i> , 2020, 12, 54.	1.7	23

#	ARTICLE	IF	CITATIONS
549	Opportunities of prebiotics for the intestinal health of monogastric animals. <i>Animal Nutrition</i> , 2020, 6, 379-388.	2.1	40
550	Engineering of Î <sup>2</sup> -mannanase from <i>Aspergillus niger</i> to increase product selectivity towards medium chain length manno oligosaccharides. <i>Journal of Bioscience and Bioengineering</i> , 2020, 130, 443-449.	1.1	7
551	Association between the gut and oral microbiome with obesity. <i>Anaerobe</i> , 2021, 70, 102248.	1.0	56
552	Low Prevalence of Lactase Persistence in Bronze Age Europe Indicates Ongoing Strong Selection over the Last 3,000 Years. <i>Current Biology</i> , 2020, 30, 4307-4315.e13.	1.8	54
553	Innovative technologies for the production of food ingredients with prebiotic potential: Modifications, applications, and validation methods. <i>Trends in Food Science and Technology</i> , 2020, 104, 117-131.	7.8	33
554	Rhubarb Supplementation Prevents Diet-Induced Obesity and Diabetes in Association with Increased <i>Akkermansia muciniphila</i> in Mice. <i>Nutrients</i> , 2020, 12, 2932.	1.7	45
555	Effect of chestnut flour and probiotic microorganism on the functionality of dry-cured meat sausages. <i>LWT - Food Science and Technology</i> , 2020, 134, 110197.	2.5	24
556	Phytochemicals affect T helper 17 and T regulatory cells and gut integrity: implications on the gut-bone axis. <i>Nutrition Research</i> , 2020, 83, 30-48.	1.3	6
557	Prebiotic effect of dietary polyphenols: A systematic review. <i>Journal of Functional Foods</i> , 2020, 74, 104169.	1.6	143
558	Refined functional carbohydrates reduce adhesion of <i>Salmonella</i> and <i>Campylobacter</i> to poultry epithelial cells in vitro. <i>Poultry Science</i> , 2020, 99, 7027-7034.	1.5	12
559	Multi-Omics Approaches: The Key to Improving Respiratory Health in People With Cystic Fibrosis?. <i>Frontiers in Pharmacology</i> , 2020, 11, 569821.	1.6	12
560	The potential application of probiotics and prebiotics for the prevention and treatment of COVID-19. <i>Npj Science of Food</i> , 2020, 4, 17.	2.5	135
561	Food biotechnology. <i>Current Opinion in Chemical Engineering</i> , 2020, 30, 53-59.	3.8	3
562	Dietary nutrients shape gut microbes and intestinal mucosa via epigenetic modifications. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 783-797.	5.4	59
563	In vitro evaluation of potential prebiotic effects of a freeze-dried juice from <i>Pilosocereus gounellei</i> (A. Weber ex K. Schum. Bly. Ex Rowl) cladodes, an unconventional edible plant from Caatinga biome. <i>3 Biotech</i> , 2020, 10, 448.	1.1	10
564	Food hydrocolloids: Functional, nutraceutical and novel applications for delivery of bioactive compounds. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 554-567.	3.6	70
565	Synbiotic Matchmaking in <i>Lactobacillus plantarum</i> : Substrate Screening and Gene-Trait Matching To Characterize Strain-Specific Carbohydrate Utilization. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	23
566	Impaired Hypothalamic Microglial Activation in Offspring of Antibiotic-Treated Pregnant/Lactating Rats Is Attenuated by Prebiotic Oligofructose Co-Administration. <i>Microorganisms</i> , 2020, 8, 1085.	1.6	6



#	ARTICLE	IF	CITATIONS
567	Microbiome response to diet: focus on obesity and related diseases. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 369-380.	2.6	28
568	The gut microbiome stability is altered by probiotic ingestion and improved by the continuous supplementation of galactooligosaccharide. <i>Gut Microbes</i> , 2020, 12, 1785252.	4.3	39
569	New insights in enumeration methodologies of probiotic cells in finished products. <i>Journal of Microbiological Methods</i> , 2020, 175, 105993.	0.7	24
570	Techno-economic analysis for probiotics preparation production using optimized corn flour medium and spray-drying protective blends. <i>Food and Bioprocess Technology</i> , 2020, 123, 354-366.	1.8	14
571	Factors Influencing Equine Gut Microbiota: Current Knowledge. <i>Journal of Equine Veterinary Science</i> , 2020, 88, 102943.	0.4	74
572	Prebiotic Properties of Non-Fructosylated $\beta$ -Galactooligosaccharides from PEA ( <i>Pisum sativum</i> L.) Using Infant Fecal Slurries. <i>Foods</i> , 2020, 9, 921.	1.9	13
573	Growth Inhibition of Common Enteric Pathogens in the Intestine of Broilers by Microbially Produced Dextran and Levan Exopolysaccharides. <i>Current Microbiology</i> , 2020, 77, 2128-2136.	1.0	7
574	Effects of Diet on the Biochemical Properties of <i>Limulus</i> Amebocyte Lysate From Horseshoe Crabs in an Aquaculture Setting. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	6
575	Human colonic in vitro fermentation of water-soluble arabinoxylans from hard and soft wheat alters <i>Bifidobacterium</i> abundance and short-chain fatty acids concentration. <i>LWT - Food Science and Technology</i> , 2020, 134, 110253.	2.5	11
576	In Vitro Prebiotic Effects of Malto-Oligosaccharides Containing Water-Soluble Dietary Fiber. <i>Molecules</i> , 2020, 25, 5201.	1.7	10
577	The prebiotics (Fructo-oligosaccharides and Xylo-oligosaccharides) modulate the probiotic properties of <i>Lactiplantibacillus</i> and <i>Levilactobacillus</i> strains isolated from traditional fermented olive. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 185.	1.7	20
578	Probiotics-addicted low-protein diet for microbiota modulation in patients with advanced chronic kidney disease (ProLowCKD): A protocol of placebo-controlled randomized trial. <i>Journal of Functional Foods</i> , 2020, 74, 104133.	1.6	4
579	The gut microbiome as a target for adjuvant therapy in obstructive sleep apnea. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 1263-1282.	1.5	22
580	A Comprehensive Study of the Impacts of Oat $\beta$ -Glucan and Bacterial Curdlan on the Activity of Commercial Starter Culture in Yogurt. <i>Molecules</i> , 2020, 25, 5411.	1.7	10
581	The student-centered classroom: the new gut feeling. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	6
582	Nutritional Therapies for Irritable Bowel Syndrome: a Focus on Prebiotics and Probiotics. <i>Current Treatment Options in Gastroenterology</i> , 2020, 18, 729-739.	0.3	0
583	Traditional Fermented Foods as an Adjuvant Treatment to Diabetes. <i>Current Geriatrics Reports</i> , 2020, 9, 242-250.	1.1	5
584	Effects of a natural hepatomodulator (Bedgen 40TMAS) on the growth performance, body indices, hematological and histological parameters of rainbow trout ( <i>Oncorhynchus mykiss</i> ) juveniles. <i>Journal of Applied Aquaculture</i> , 2020, , 1-20.	0.7	1

#	ARTICLE	IF	CITATIONS
585	The Effect of Probiotics, Prebiotics, and Synbiotics on CD4 Counts in HIV-Infected Patients: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-11.	0.9	6
586	Effect of Xylo-Oligosaccharides Supplementation by Drinking Water on the Bone Properties and Related Calcium Transporters in Growing Mice. <i>Nutrients</i> , 2020, 12, 3542.	1.7	8
587	Xylooligosaccharides from steam-exploded barley straw: Structural features and assessment of bifidogenic properties. <i>Food and Bioproducts Processing</i> , 2020, 124, 131-142.	1.8	27
588	State-of-the-Art of the Nutritional Alternatives to the Use of Antibiotics in Humans and Monogastric Animals. <i>Animals</i> , 2020, 10, 2199.	1.0	18
589	Fructooligosaccharides synthesized by fructosyltransferase from an indigenous coprophilous <i>Aspergillus niger</i> strain XOBP48 exhibits antioxidant activity. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2020, 24, 100238.	1.5	3
590	Microbiota-directed fibre activates both targeted and secondary metabolic shifts in the distal gut. <i>Nature Communications</i> , 2020, 11, 5773.	5.8	55
591	<i>Lactobacillus acidophilus</i> LB: a useful pharmabiotic for the treatment of digestive disorders. <i>Therapeutic Advances in Gastroenterology</i> , 2020, 13, 175628482097120.	1.4	26
592	<i>Bacillus subtilis</i> DE111 intake may improve blood lipids and endothelial function in healthy adults. <i>Beneficial Microbes</i> , 2020, 11, 621-630.	1.0	18
593	Value-Added Compounds with Health Benefits Produced from Cheese Whey Lactose. , 2020, , .		0
594	Can Gut Microbiota Affect Dry Eye Syndrome?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8443.	1.8	42
595	Dietary Components, Microbial Metabolites and Human Health: Reading between the Lines. <i>Foods</i> , 2020, 9, 1045.	1.9	7
596	Kefiran fermentation by human faecal microbiota: Organic acids production and in vitro biological activity. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2020, 24, 100229.	1.5	7
597	Gut Microbiota Modulation: Implications for Infection Control and Antimicrobial Stewardship. <i>Advances in Therapy</i> , 2020, 37, 4054-4067.	1.3	13
598	Meat products as prebiotic food carrier. <i>Advances in Food and Nutrition Research</i> , 2020, 94, 223-265.	1.5	16
599	A biorefinery strategy for the manufacture and characterization of oligosaccharides and antioxidants from poplar hemicelluloses. <i>Food and Bioproducts Processing</i> , 2020, 123, 398-408.	1.8	12
600	Microbiota on biotics: probiotics, prebiotics, and synbiotics to optimize growth and metabolism. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G382-G390.	1.6	26
601	Synbiotic Effect of <i>Bifidobacterium lactis</i> CNCM I-3446 and Bovine Milk-Derived Oligosaccharides on Infant Gut Microbiota. <i>Nutrients</i> , 2020, 12, 2268.	1.7	18
602	The Relationship between Choline Bioavailability from Diet, Intestinal Microbiota Composition, and Its Modulation of Human Diseases. <i>Nutrients</i> , 2020, 12, 2340.	1.7	90

#	ARTICLE	IF	CITATIONS
603	Inulin alleviates hypersaline-stress induced oxidative stress and dysbiosis of gut microbiota in Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Aquaculture</i> , 2020, 529, 735681.	1.7	29
604	Food supplements and diet as treatment options in irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13951.	1.6	24
605	Crosstalk between the microbiota-gut-brain axis and depression. <i>Heliyon</i> , 2020, 6, e04097.	1.4	90
606	Identifying Microbiome-Mediated Behaviour in Wild Vertebrates. <i>Trends in Ecology and Evolution</i> , 2020, 35, 972-980.	4.2	53
607	Evidence from systematic reviews of randomized trials on enteral lactoferrin supplementation in preterm neonates. <i>Biochemistry and Cell Biology</i> , 2021, 99, 20-24.	0.9	6
608	Gut Microbiome Modulation for Preventing and Treating Pediatric Food Allergies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5275.	1.8	22
609	Prebiotics, Synbiotics, and Colonic Foods. , 2020, , 797-808.e4.		4
610	è†³éÉŸçºç»´á'CEâ...èº·ç%©çš,,â®šä¹%ã€æ³•èš,,çŽºçšŸâšâ%æ²;ç”ç©¶. <i>Nutrition Reviews</i> , 2020, 78, 5-11.	2.6	0
611	Polyphenols, the new frontiers of prebiotics. <i>Advances in Food and Nutrition Research</i> , 2020, 94, 35-89.	1.5	35
612	Effects of fructans and probiotics on the inhibition of <i>Klebsiella oxytoca</i> and the production of short-chain fatty acids assessed by NMR spectroscopy. <i>Carbohydrate Polymers</i> , 2020, 248, 116832.	5.1	17
613	Potential contribution of beneficial microbes to face the COVID-19 pandemic. <i>Food Research International</i> , 2020, 136, 109577.	2.9	67
614	Prebiotic potential of pulp and kernel cake from JervivÃ¡i ( <i>Syagrus romanzoffiana</i> ) and MacaÃ±ba palm fruits ( <i>Acrocomia aculeata</i> ). <i>Food Research International</i> , 2020, 136, 109595.	2.9	20
615	Definitions, regulations, and new frontiers for dietary fiber and whole grains. <i>Nutrition Reviews</i> , 2020, 78, 6-12.	2.6	41
616	Short Administration of Combined Prebiotics Improved Microbial Colonization, Gut Barrier, and Growth Performance of Neonatal Piglets. <i>ACS Omega</i> , 2020, 5, 20506-20516.	1.6	25
617	Bringing the digestibility of prebiotics into focus: update of carbohydrate digestion models. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 3267-3278.	5.4	17
618	Investigations on Metabolic Changes in Beagle Dogs Fed Probiotic Queso Blanco Cheese and Identification of Candidate Probiotic Fecal Biomarkers Using Metabolomics Approaches. <i>Metabolites</i> , 2020, 10, 305.	1.3	2
619	Nutrient regulation of the immune response. , 2020, , 625-641.		0
620	Role of probiotics in patients with colorectal cancer: a systematic review protocol of randomised controlled trial studies. <i>BMJ Open</i> , 2020, 10, e038128.	0.8	6

#	ARTICLE	IF	CITATIONS
621	Quorum Sensing, Biofilm, and Intestinal Mucosal Barrier: Involvement the Role of Probiotic. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 538077.	1.8	76
622	Immune boosting functional foods and their mechanisms: A critical evaluation of probiotics and prebiotics. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110625.	2.5	122
623	Nuts and their Effect on Gut Microbiota, Gut Function and Symptoms in Adults: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. <i>Nutrients</i> , 2020, 12, 2347.	1.7	44
624	Therapeutic effects of different doses of prebiotic (isolated from <i>Saccharomyces cerevisiae</i> ) in comparison to n-3 supplement on glycemic control, lipid profiles and immunological response in diabetic rats. <i>Diabetology and Metabolic Syndrome</i> , 2020, 12, 69.	1.2	9
625	<i>Kluyveromyces marxianus</i> : An emerging yeast cell factory for applications in food and biotechnology. <i>International Journal of Food Microbiology</i> , 2020, 333, 108818.	2.1	131
626	Fiber and Prebiotic Interventions in Pediatric Inflammatory Bowel Disease: What Role Does the Gut Microbiome Play?. <i>Nutrients</i> , 2020, 12, 3204.	1.7	19
627	A pilot study to assess the effect of a fibre and mineral formulation on satiety and satiation when taken as part of a calorie restriction diet in overweight and obese women. <i>Journal of Functional Foods</i> , 2020, 74, 104157.	1.6	3
628	Effects of chitooligosaccharide supplementation on laying performance, egg quality, blood biochemistry, antioxidant capacity and immunity of laying hens during the late laying period. <i>Italian Journal of Animal Science</i> , 2020, 19, 1180-1187.	0.8	17
629	Effect of a Synbiotic Containing <i>Lactobacillus paracasei</i> and <i>Opuntia humifusa</i> on a Murine Model of Irritable Bowel Syndrome. <i>Nutrients</i> , 2020, 12, 3205.	1.7	12
630	A polyphenol-rich cranberry extract protects against endogenous exposure to persistent organic pollutants during weight loss in mice. <i>Food and Chemical Toxicology</i> , 2020, 146, 111832.	1.8	11
631	Metabolic Profiling of Xylooligosaccharides by <i>Lactobacilli</i> . <i>Polymers</i> , 2020, 12, 2387.	2.0	23
632	Impact of prebiotics on equol production from soymilk isoflavones by two <i>Bifidobacterium</i> species. <i>Heliyon</i> , 2020, 6, e05298.	1.4	7
633	Prebiotic effects of pectooligosaccharides obtained from lemon peel on the microbiota from elderly donors using an <i>in vitro</i> continuous colon model (TIM-2). <i>Food and Function</i> , 2020, 11, 9984-9999.	2.1	21
634	Exopolysaccharides From <i>Lactobacillus paracasei</i> Isolated From Kefir as Potential Bioactive Compounds for Microbiota Modulation. <i>Frontiers in Microbiology</i> , 2020, 11, 583254.	1.5	25
635	Synbiotic feed supplementation significantly improves lipid utilization and shows discrete effects on disease resistance in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Scientific Reports</i> , 2020, 10, 16993.	1.6	11
636	Prebiotic effects of yeast mannan, which selectively promotes <i>Bacteroides thetaiotaomicron</i> and <i>Bacteroides ovatus</i> in a human colonic microbiota model. <i>Scientific Reports</i> , 2020, 10, 17351.	1.6	37
637	Beneficial effects of Jerusalem artichoke powder and olive oil as animal fat replacers and natural healthy compound sources in Harbin dry sausages. <i>Poultry Science</i> , 2020, 99, 7147-7158.	1.5	10
638	Prebiotics and type 2 diabetes: targeting the gut microbiota for improved glycaemic control?. <i>Practical Diabetes</i> , 2020, 37, 133-137.	0.1	6

#	ARTICLE	IF	CITATIONS
639	Dual-Core Prebiotic Microcapsule Encapsulating Probiotics for Metabolic Syndrome. ACS Applied Materials & Interfaces, 2020, 12, 42586-42594.	4.0	40
640	Genomic Analysis for Antioxidant Property of Lactobacillus plantarum FLPL05 from Chinese Longevity People. Probiotics and Antimicrobial Proteins, 2020, 12, 1451-1458.	1.9	14
641	Probiotics, Prebiotics and Other Dietary Supplements for Gut Microbiota Modulation in Celiac Disease Patients. Nutrients, 2020, 12, 2674.	1.7	47
642	Yogurts Supplemented with Juices from Grapes and Berries. Foods, 2020, 9, 1158.	1.9	33
643	Assessment of commercial companion animal kefir products for label accuracy of microbial composition and quantity. Journal of Animal Science, 2020, 98, .	0.2	9
644	The Pros and Cons of Using Algal Polysaccharides as Prebiotics. Frontiers in Nutrition, 2020, 7, 163.	1.6	51
645	The role of probiotics on the roadmap to a healthy microbiota: a symposium report. Gut Microbiome, 2020, 1, .	0.8	2
646	The Role of Diet Diversity and Diet Indices on Allergy Outcomes. Frontiers in Pediatrics, 2020, 8, 545.	0.9	22
647	Development of a Repertoire and a Food Frequency Questionnaire for Estimating Dietary Fiber Intake Considering Prebiotics: Input from the FiberTAG Project. Nutrients, 2020, 12, 2824.	1.7	8
648	Encapsulated probiotic cells: Relevant techniques, natural sources as encapsulating materials and food applications – A narrative review. Food Research International, 2020, 137, 109682.	2.9	122
649	Prebiotics, probiotics, fermented foods and cognitive outcomes: A meta-analysis of randomized controlled trials. Neuroscience and Biobehavioral Reviews, 2020, 118, 472-484.	2.9	50
650	Gut Microbiota as a Potential Treatment Target in Patient with Chronic Heart Failure. SN Comprehensive Clinical Medicine, 2020, 2, 1614-1627.	0.3	1
651	Microbiota and Cancer: The Emerging Beneficial Role of Bifidobacteria in Cancer Immunotherapy. Frontiers in Microbiology, 2020, 11, 575072.	1.5	40
652	In Vitro Characterization of Gut Microbiota-Derived Commensal Strains: Selection of Parabacteroides distasonis Strains Alleviating TNBS-Induced Colitis in Mice. Cells, 2020, 9, 2104.	1.8	43
653	Gut Microbiota and Dysbiosis in Alzheimer’s Disease: Implications for Pathogenesis and Treatment. Molecular Neurobiology, 2020, 57, 5026-5043.	1.9	191
654	Berry Polyphenols and Fibers Modulate Distinct Microbial Metabolic Functions and Gut Microbiota Enterotype-Like Clustering in Obese Mice. Frontiers in Microbiology, 2020, 11, 2032.	1.5	87
655	Gut microbes from the phylogenetically diverse genus <i>Eubacterium</i> and their various contributions to gut health. Gut Microbes, 2020, 12, 1802866.	4.3	238
656	Comparison of the effects of soluble corn fiber and fructooligosaccharides on metabolism, inflammation, and gut microbiome of high-fat diet-fed mice. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E779-E791.	1.8	19

#	ARTICLE	IF	CITATIONS
657	Dietary Fibre Consensus from the International Carbohydrate Quality Consortium (ICQC). <i>Nutrients</i> , 2020, 12, 2553.	1.7	42
658	Galactoligosaccharide and a prebiotic blend improve colonic health and immunity of adult dogs. <i>PLoS ONE</i> , 2020, 15, e0238006.	1.1	16
659	Growth conditions and survival kinetics during storage of <i>Lactobacillus rhamnosus</i> GG for the design of a sustainable probiotic whey-based beverage containing Costa Rican guava fruit pulp. <i>Journal of Food Science</i> , 2020, 85, 3478-3486.	1.5	5
660	Probiotics, Prebiotics, Synbiotics, and Paraprobiotics as a Therapeutic Alternative for Intestinal Mucositis. <i>Frontiers in Microbiology</i> , 2020, 11, 544490.	1.5	40
661	Probiotics: A Dietary Factor to Modulate the Gut Microbiome, Host Immune System, and Gut-Brain Interaction. <i>Microorganisms</i> , 2020, 8, 1401.	1.6	40
662	Brown Seaweeds for the Management of Metabolic Syndrome and Associated Diseases. <i>Molecules</i> , 2020, 25, 4182.	1.7	34
663	10th Anniversary of the European Association for Predictive, Preventive and Personalised (3P) Medicine- EPMA World Congress Supplement 2020. <i>EPMA Journal</i> , 2020, 11, 1-133.	3.3	34
664	Metabolite profiling reveals the interaction of chitin-glucan with the gut microbiota. <i>Gut Microbes</i> , 2020, 12, 1810530.	4.3	31
665	The public health rationale for increasing dietary fibre: Health benefits with a focus on gut microbiota. <i>Nutrition Bulletin</i> , 2020, 45, 294-308.	0.8	14
666	Meeting report of the third annual Tri-Service Microbiome Consortium symposium. <i>Environmental Microbiomes</i> , 2020, 15, 12.	2.2	4
667	Prebiotics and Community Composition Influence Gas Production of the Human Gut Microbiota. <i>MBio</i> , 2020, 11, .	1.8	23
668	Possible links between gut microbiota and attention-deficit/hyperactivity disorders in children and adolescents. <i>European Journal of Nutrition</i> , 2020, 59, 3391-3403.	1.8	31
669	Epigenetic Effects of Gut Metabolites: Exploring the Path of Dietary Prevention of Type 1 Diabetes. <i>Frontiers in Nutrition</i> , 2020, 7, 563605.	1.6	13
670	Measuring health promotion: translating science into policy. <i>European Journal of Nutrition</i> , 2020, 59, 11-23.	1.8	8
671	The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of synbiotics. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 687-701.	8.2	826
672	Utilization of Agricultural By-products: Bioactive Properties and Technological Applications. <i>Food Reviews International</i> , 2022, 38, 1305-1329.	4.3	20
673	Structurally complex carbohydrates maintain diversity in gut-derived microbial consortia under high dilution pressure. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	25
674	Postbiotics-parabiotics: the new horizons in microbial biotherapy and functional foods. <i>Microbial Cell Factories</i> , 2020, 19, 168.	1.9	291

#	ARTICLE	IF	CITATIONS
675	Increasing levels of Parasutterella in the gut microbiome correlate with improving low-density lipoprotein levels in healthy adults consuming resistant potato starch during a randomised trial. BMC Nutrition, 2020, 6, 72.	0.6	15
676	The Antimutagenic and Antioxidant Activity of Fermented Milk Supplemented with Cudrania tricuspidata Powder. Foods, 2020, 9, 1762.	1.9	7
677	The Role of Prebiotics and Probiotics in Prevention of Allergic Diseases in Infants. Frontiers in Pediatrics, 2020, 8, 583946.	0.9	57
678	Administration of direct-fed Bacillus cultures and refined functional carbohydrates to broiler chickens improves growth performance and promotes positive shifts in gastrointestinal microbiota. Journal of Applied Poultry Research, 2020, 29, 765-774.	0.6	8
679	Repurposing INCI-registered compounds as skin prebiotics for probiotic Staphylococcus epidermidis against UV-B. Scientific Reports, 2020, 10, 21585.	1.6	7
680	Metabolomics analysis of plasma and adipose tissue samples from mice orally administered with polydextrose and correlations with cecal microbiota. Scientific Reports, 2020, 10, 21577.	1.6	7
681	The Prebiotic-Like Effects of Coprinus comatus Polysaccharides on Gut Microbiota in Normal Mice and Those with Acute Alcoholic Liver Injury: A Comparative Study. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-6.	0.5	7
682	Applications of gut microbiota in patients with hematopoietic stem-cell transplantation. Experimental Hematology and Oncology, 2020, 9, 35.	2.0	14
683	The Gut Microbiota: A Potential Gateway to Improved Health Outcomes in Breast Cancer Treatment and Survivorship. International Journal of Molecular Sciences, 2020, 21, 9239.	1.8	29
684	Adiponectin Role in Neurodegenerative Diseases: Focus on Nutrition Review. International Journal of Molecular Sciences, 2020, 21, 9255.	1.8	11
685	The effect of probiotics, parabiotics, synbiotics, fermented foods and other microbial forms on immunoglobulin production: a systematic review and meta-analysis of clinical trials. International Journal of Food Sciences and Nutrition, 2020, 72, 1-19.	1.3	8
686	Effects of diets, foods and nutrients on immunity: Implications for COVID-19?. Nutrition Bulletin, 2020, 45, 456-473.	0.8	17
687	The Effect of Recently Developed Synbiotic Preparations on Dominant Fecal Microbiota and Organic Acids Concentrations in Feces of Piglets from Nursing to Fattening. Animals, 2020, 10, 1999.	1.0	10
688	Chicory root flour – A functional food with potential multiple health benefits evaluated in a mice model. Journal of Functional Foods, 2020, 74, 104174.	1.6	9
689	Intestinal Barrier Function in Health and Disease – Any Role of SARS-CoV-2?. Microorganisms, 2020, 8, 1744.	1.6	31
690	Bioinformatics and machine learning in gastrointestinal microbiome research and clinical application. Progress in Molecular Biology and Translational Science, 2020, 176, 141-178.	0.9	7
691	The potential of human milk oligosaccharides to impact the microbiota-gut-brain axis through modulation of the gut microbiota. Journal of Functional Foods, 2020, 74, 104176.	1.6	31
692	The Role of Gut Microbiome-Targeted Therapy in Nonalcoholic Fatty Liver Disease. Current Hepatology Reports, 2020, 19, 420-428.	0.4	0

#	ARTICLE	IF	CITATIONS
693	Bifidobacterium longum subsp. infantis CECT7210 (B. infantis IM-1 <sup>®</sup> ) Displays In Vitro Activity against Some Intestinal Pathogens. <i>Nutrients</i> , 2020, 12, 3259.	1.7	13
694	Pancreatic Diseases and Microbiota: A Literature Review and Future Perspectives. <i>Journal of Clinical Medicine</i> , 2020, 9, 3535.	1.0	10
695	Microbiota-independent immunological effects of non-digestible oligosaccharides in the context of inflammatory bowel diseases. <i>Proceedings of the Nutrition Society</i> , 2020, 79, 468-478.	0.4	16
696	The Gut Microbiota: Emerging Evidence in Autoimmune Diseases. <i>Trends in Molecular Medicine</i> , 2020, 26, 862-873.	3.5	120
697	Effect of chitooligosaccharides on human gut microbiota and antiglycation. <i>Carbohydrate Polymers</i> , 2020, 242, 116413.	5.1	49
698	Effects of Agave Fructans, Inulin, and Starch on Metabolic Syndrome Aspects in Healthy Wistar Rats. <i>ACS Omega</i> , 2020, 5, 10740-10749.	1.6	11
699	Prebiotics in the Infant Microbiome: The Past, Present, and Future. <i>Pediatric Gastroenterology, Hepatology and Nutrition</i> , 2020, 23, 1.	0.4	42
700	Review on the Alteration of Gut Microbiota: The Role of HIV Infection and Old Age. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 556-565.	0.5	14
701	Gut microbiota and regulation of myokine-adipokine function. <i>Current Opinion in Pharmacology</i> , 2020, 52, 9-17.	1.7	29
702	Synbiotics, prebiotics and probiotics for people with chronic kidney disease. <i>The Cochrane Library</i> , 0, , .	1.5	1
703	Yeast-Free Doughs by <i>Zymomonas mobilis</i> : Evaluation of Technological and Fermentation Performances by Using a Metabolomic Approach. <i>Microorganisms</i> , 2020, 8, 792.	1.6	16
704	The In Vitro Analysis of Prebiotics to Be Used as a Component of a Synbiotic Preparation. <i>Nutrients</i> , 2020, 12, 1272.	1.7	23
705	How does spaceflight affect the acquired immune system?. <i>Npj Microgravity</i> , 2020, 6, 14.	1.9	62
706	In Vitro Evaluation of the Effects of Commercial Prebiotic GOS and FOS Products on Human Colonic Caco-2 Cells. <i>Nutrients</i> , 2020, 12, 1281.	1.7	13
707	Evaluation of fruta-do-lobo ( <i>Solanum lycocarpum</i> St. Hill) starch on the growth of probiotic strains. <i>Food Research International</i> , 2020, 133, 109187.	2.9	14
708	Comparative major oligosaccharides and lactose between Chinese human and animal milk. <i>International Dairy Journal</i> , 2020, 108, 104727.	1.5	36
709	Novel fructooligosaccharide conversion from sugarcane syrup using a specialised enzymatic pH-stat bioreactor. <i>Process Biochemistry</i> , 2020, 95, 55-63.	1.8	8
710	New and alternative strategies for the prevention, control, and treatment of antibiotic-resistant <i>Campylobacter</i> . <i>Translational Research</i> , 2020, 223, 76-88.	2.2	71



#	ARTICLE	IF	CITATIONS
711	Modulation of the human gut microbiota by phenolics and phenolic fiberâ€”rich foods. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 1268-1298.	5.9	111
712	Resistant dextrin improves high-fat-high-fructose diet induced insulin resistance. <i>Nutrition and Metabolism</i> , 2020, 17, 36.	1.3	16
713	Manipulation of Alcohol and Short-Chain Fatty Acids in the Metabolome of Commensal and Virulent <i>Klebsiella pneumoniae</i> by Linolenic Acid. <i>Microorganisms</i> , 2020, 8, 773.	1.6	5
714	<i>Saccharomyces boulardii</i> CNCM I-745: A Non-bacterial Microorganism Used as Probiotic Agent in Supporting Treatment of Selected Diseases. <i>Current Microbiology</i> , 2020, 77, 1987-1996.	1.0	39
715	Arabinoxylan-oligosaccharides kick-start arabinoxylan digestion in the aging broiler. <i>Poultry Science</i> , 2020, 99, 2555-2565.	1.5	38
716	Fucoidan isolated from <i>Ascophyllum nodosum</i> alleviates gut microbiota dysbiosis and colonic inflammation in antibiotic-treated mice. <i>Food and Function</i> , 2020, 11, 5595-5606.	2.1	36
717	Protecting the outside: biological tools to manipulate the skin microbiota. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	12
718	Effectiveness of probiotics, prebiotics, and prebioticâ€”like components in common functional foods. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 1908-1933.	5.9	104
719	The Role of the Microbiome in Food Allergy: A Review. <i>Children</i> , 2020, 7, 50.	0.6	37
720	Intestinal Permeability in Children with Celiac Disease after the Administration of Oligofructose-Enriched Inulin into a Gluten-Free Dietâ€”Results of a Randomized, Placebo-Controlled, Pilot Trial. <i>Nutrients</i> , 2020, 12, 1736.	1.7	20
721	Prebiotic supplementation (beta-glucan and inulin) attenuates circadian misalignment induced by shifted light-dark cycle in mice by modulating circadian gene expression. <i>Food Research International</i> , 2020, 137, 109437.	2.9	22
722	Probiotic viability in yoghurt: A review of influential factors. <i>International Dairy Journal</i> , 2020, 109, 104793.	1.5	68
723	Prebiotic galactooligosaccharides production from lactose and lactulose by <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> CRL450. <i>Food and Function</i> , 2020, 11, 5875-5886.	2.1	23
724	Extracts and Marine Algae Polysaccharides in Therapy and Prevention of Inflammatory Diseases of the Intestine. <i>Marine Drugs</i> , 2020, 18, 289.	2.2	39
725	The Impact of Diet on Microbiota Evolution and Human Health. Is Diet an Adequate Tool for Microbiota Modulation?. <i>Nutrients</i> , 2020, 12, 1654.	1.7	39
726	Potential prebiotic effect of fruit and vegetable byproducts flour using in vitro gastrointestinal digestion. <i>Food Research International</i> , 2020, 137, 109354.	2.9	21
727	Bacteriophage-mediated manipulation of the gut microbiome â€” promises and presents limitations. <i>FEMS Microbiology Reviews</i> , 2020, 44, 507-521.	3.9	65
728	Fermented Cereal-based Products: Nutritional Aspects, Possible Impact on Gut Microbiota and Health Implications. <i>Foods</i> , 2020, 9, 734.	1.9	91

#	ARTICLE	IF	CITATIONS
729	Microbiota and Lifestyle: A Special Focus on Diet. <i>Nutrients</i> , 2020, 12, 1776.	1.7	102
730	The Effect of Probiotics and Synbiotics on Risk Factors Associated with Cardiometabolic Diseases in Healthy People—A Systematic Review and Meta-Analysis with Meta-Regression of Randomized Controlled Trials. <i>Journal of Clinical Medicine</i> , 2020, 9, 1788.	1.0	8
731	Potential of High- and Low-Acetylated Galactoglucomannooligosaccharides as Modulators of the Microbiota Composition and Their Activity: A Comparison Using the <i>In Vitro</i> Model of the Human Colon TIM-2. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7617-7629.	2.4	8
732	Effects of digested jaboticaba ( <i>Myrciaria jaboticaba</i> (Vell.) Berg) by-product on growth and metabolism of <i>Lactobacillus</i> and <i>Bifidobacterium</i> indicate prebiotic properties. <i>LWT - Food Science and Technology</i> , 2020, 131, 109766.	2.5	19
733	In vitro fermentation potential of the residue of Korean red ginseng root in a mixed culture of swine faecal bacteria. <i>Food and Function</i> , 2020, 11, 6202-6214.	2.1	8
734	Î²-Galactooligosaccharide in Conjunction With Low FODMAP Diet Improves Irritable Bowel Syndrome Symptoms but Reduces Fecal Bifidobacteria. <i>American Journal of Gastroenterology</i> , 2020, 115, 906-915.	0.2	50
735	Gut microbiota modulation: a novel strategy for prevention and treatment of colorectal cancer. <i>Oncogene</i> , 2020, 39, 4925-4943.	2.6	321
736	The role of bread in the UK diet: An update. <i>Nutrition Bulletin</i> , 2020, 45, 133-164.	0.8	30
737	Cranberry, oxidative stress, inflammatory markers, and insulin sensitivity: a focus on intestinal microbiota. , 2020, , 245-253.		0
738	Seaweed components, properties, and applications. , 2020, , 33-87.		8
739	Potential therapeutic applications of the gut microbiome in obesity: from brain function to body detoxification. <i>International Journal of Obesity</i> , 2020, 44, 1818-1831.	1.6	10
740	Review article: FODMAPS, prebiotics and gut health—the FODMAP hypothesis revisited. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 233-246.	1.9	75
741	Prebiotic carbohydrate concentrations of common bean and chickpea change during cooking, cooling, and reheating. <i>Journal of Food Science</i> , 2020, 85, 980-988.	1.5	10
742	A review of functional feeds and the control of <i>Aeromonas</i> infections in freshwater fish. <i>Aquaculture International</i> , 2020, 28, 1083-1123.	1.1	28
743	Microbiota intestinale, pre- e probiotici. <i>EMC - AKOS - Trattato Di Medicina</i> , 2020, 22, 1-6.	0.0	0
744	Edible whey protein films and coatings added with prebiotic ingredients. , 2020, , 177-193.		12
745	The Role of the Gut Microbiota in Dietary Interventions for Depression and Anxiety. <i>Advances in Nutrition</i> , 2020, 11, 890-907.	2.9	104
746	A story of liver and gut microbes: how does the intestinal flora affect liver disease? A review of the literature. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G889-G906.	1.6	83

#	ARTICLE	IF	CITATIONS
747	A Prerequisite for Health: Probiotics. , 2020, , 225-244.		1
748	Gut microbiota and aging-A focus on centenarians. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165765.	1.8	45
749	Halting the March: Primary Prevention of Atopic Dermatitis and Food Allergies. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 860-875.	2.0	31
750	Diet Affects the Gastrointestinal Microbiota and Health. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020, 120, 495-499.	0.4	15
751	Back to the Roots: Revisiting the Use of the Fiber-Rich CichoriumÂintybusÂL. Taproots. <i>Advances in Nutrition</i> , 2020, 11, 878-890.	2.9	22
752	Changes in carbohydrate profile in kefir fermentation. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2020, 23, 100220.	1.5	14
753	Natural prebiotic carbohydrates, carotenoids and flavonoids as ingredients in food systems. <i>Current Opinion in Food Science</i> , 2020, 33, 98-107.	4.1	71
754	<i>Bacillus natto</i> regulates gut microbiota and adipose tissue accumulation in a high-fat diet mouse model of obesity. <i>Journal of Functional Foods</i> , 2020, 68, 103923.	1.6	26
755	Immune-Microbiota Interplay and Colonization Resistance in Infection. <i>Molecular Cell</i> , 2020, 78, 597-613.	4.5	50
756	The Application of Metabolomics to Probiotic and Prebiotic Interventions in Human Clinical Studies. <i>Metabolites</i> , 2020, 10, 120.	1.3	16
758	Apple by-product dietary fibre exhibits potential prebiotic and hypolipidemic effectsin high-fat fed Wistar rats. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2020, 23, 100219.	1.5	23
759	Maternal and Perinatal Factors Associated with the Human Milk Microbiome. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa027.	0.1	51
760	Comparisons of prebiotic activity of polysaccharides from shoot residues of bamboo () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 Td (<i>Biochemistry, 2020, 44, e13171.	1.2	7
761	Probiotic antigenotoxic activity as a DNA bioprotective tool: a minireview with focus on endocrine disruptors. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	11
762	What Diet Should I Recommend My Patient with Hepatic Encephalopathy?. <i>Current Hepatology Reports</i> , 2020, 19, 13-22.	0.4	7
763	Development of a novel probiotic milk product with enhanced antioxidant properties using mango peel as a fermentation substrate. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 24, 101564.	1.5	31
764	A prebiotic-based biopolymeric encapsulation system for improved survival of <i>Lactobacillus rhamnosus</i> . <i>Food Bioscience</i> , 2020, 37, 100679.	2.0	34
765	Health promoting microbial metabolites produced by gut microbiota after prebiotics metabolism. <i>Food Research International</i> , 2020, 136, 109473.	2.9	85

#	ARTICLE	IF	CITATIONS
766	Awareness and Attitudes of Gut Health, Probiotics and Prebiotics in Australian Adults. <i>Journal of Dietary Supplements</i> , 2021, 18, 418-432.	1.4	17
767	Cocoa Polyphenols and Gut Microbiota Interplay: Bioavailability, Prebiotic Effect, and Impact on Human Health. <i>Nutrients</i> , 2020, 12, 1908.	1.7	84
768	A Novel Non-Digestible, Carrot-Derived Polysaccharide (cRG-I) Selectively Modulates the Human Gut Microbiota while Promoting Gut Barrier Integrity: An Integrated In Vitro Approach. <i>Nutrients</i> , 2020, 12, 1917.	1.7	44
769	Gluten free sourdough bread enriched with cricket flour for protein fortification: Antioxidant improvement and Volatilome characterization. <i>Food Chemistry</i> , 2020, 333, 127410.	4.2	62
770	Prebiotic Oligofructose Prevents Antibiotic-Induced Obesity Risk and Improves Metabolic and Gut Microbiota Profiles in Rat Dams and Offspring. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 2000288.	1.5	15
771	Functional Attributes and Health Benefits of Novel Prebiotic Oligosaccharides Derived from Xylan, Arabinan, and Mannan. , 0, , .		2
772	Reuteransucrase-catalytic kinetic modeling and functional characteristics for novel prebiotic gluco-oligomers. <i>Food and Function</i> , 2020, 11, 7037-7047.	2.1	1
773	Infant Formula Supplemented with Biotics: Current Knowledge and Future Perspectives. <i>Nutrients</i> , 2020, 12, 1952.	1.7	59
774	Transformation of xylan into value-added biocommodities using <i>Thermobacillus composti</i> GH10 xylanase. <i>Carbohydrate Polymers</i> , 2020, 247, 116714.	5.1	19
775	Human milk oligosaccharides: Shaping the infant gut microbiota and supporting health. <i>Journal of Functional Foods</i> , 2020, 72, 104074.	1.6	159
776	Use of Prebiotics as an Alternative to Antibiotic Growth Promoters in the Poultry Industry. , 0, , .		7
777	Oligosaccharides from <i>Gracilaria fisheri</i> ameliorate gastrointestinal dysmotility and gut dysbiosis in colitis mice. <i>Journal of Functional Foods</i> , 2020, 71, 104021.	1.6	14
778	Effects of Microecological Preparations on Obese Patients after Bariatric Surgery: A Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-10.	0.5	3
779	Future of Probiotics and Prebiotics and the Implications for Early Career Researchers. <i>Frontiers in Microbiology</i> , 2020, 11, 1400.	1.5	30
780	<i>Yac</i> <sup>3n</sup> ( <i>Smallanthus sonchifolius</i> ) prevented inflammation, oxidative stress, and intestinal alterations in an animal model of colorectal carcinogenesis. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 5442-5449.	1.7	17
781	Recent advances in Î <sup>2</sup> -galactosidase and fructosyltransferase immobilization technology. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 2659-2690.	5.4	30
782	Probiotic-containing edible films and coatings of biopolymers. , 2020, , 589-615.		2
783	In Vitro Modulation of Gut Microbiota and Metabolism by Cooked Cowpea and Black Bean. <i>Foods</i> , 2020, 9, 861.	1.9	9

#	ARTICLE	IF	CITATIONS
784	The roles and potential of lentil prebiotic carbohydrates in human and plant health. <i>Plants People Planet</i> , 2020, 2, 310-319.	1.6	32
785	High hydrostatic pressure processing enhances pectin solubilisation on apple by-product improving techno-functional properties. <i>European Food Research and Technology</i> , 2020, 246, 1691-1702.	1.6	16
786	Probiotic Strains and Intervention Total Doses for Modulating Obesity-Related Microbiota Dysbiosis: A Systematic Review and Meta-analysis. <i>Nutrients</i> , 2020, 12, 1921.	1.7	44
787	The Effectiveness of Synbiotic Preparation Containing <i>Lactobacillus</i> and <i>Bifidobacterium</i> Probiotic Strains and Short Chain Fructooligosaccharides in Patients with Diarrhea Predominant Irritable Bowel Syndrome—A Randomized Double-Blind, Placebo-Controlled Study. <i>Nutrients</i> , 2020, 12, 1999.	1.7	42
788	Nonalcoholic Fatty Liver Disease: Modulating Gut Microbiota to Improve Severity?. <i>Gastroenterology</i> , 2020, 158, 1881-1898.	0.6	123
789	The interplay between dietary factors, gut microbiome and colorectal cancer: a new era of colorectal cancer prevention. <i>Future Oncology</i> , 2020, 16, 293-306.	1.1	11
790	Emerging Priorities for Microbiome Research. <i>Frontiers in Microbiology</i> , 2020, 11, 136.	1.5	113
791	Ameliorative activity of <i>Adansonia digitata</i> fruit on high sugar/high fat diet-simulated Metabolic Syndrome model in male Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109968.	2.5	16
792	Probiotics, Non-Dairy Prebiotics and Postbiotics in Nutrition. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1470.	1.3	52
793	Effect of <i>Auricularia auricula</i> aqueous extract on survival of <i>Lactobacillus acidophilus</i> La5 and <i>Bifidobacterium bifidum</i> Bb12 and on sensorial and functional properties of synbiotic yogurt. <i>Food Science and Nutrition</i> , 2020, 8, 1254-1263.	1.5	21
794	Dietary prebiotics alter novel microbial dependent fecal metabolites that improve sleep. <i>Scientific Reports</i> , 2020, 10, 3848.	1.6	46
795	Gut microbiota and chronic kidney disease: evidences and mechanisms that mediate a new communication in the gastrointestinal-renal axis. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 303-320.	1.3	70
796	New insights on strain-specific impacts of probiotics on insulin resistance: evidence from animal study. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 289-296.	0.8	33
797	The gut microbiome in coronary artery disease and heart failure: Current knowledge and future directions. <i>EBioMedicine</i> , 2020, 52, 102649.	2.7	209
798	Whey protein films added with galactooligosaccharide and xylooligosaccharide. <i>Food Hydrocolloids</i> , 2020, 104, 105755.	5.6	44
799	Altered nutrient status reprograms host inflammation and metabolic health via gut microbiota. <i>Journal of Nutritional Biochemistry</i> , 2020, 80, 108360.	1.9	31
800	Evaluation of carbohydrates and quality parameters in six types of commercial teas by targeted statistical analysis. <i>Food Research International</i> , 2020, 133, 109122.	2.9	16
801	The FiberTAG project: Tagging dietary fibre intake by measuring biomarkers related to the gut microbiota and their interest for health. <i>Nutrition Bulletin</i> , 2020, 45, 59-65.	0.8	10

#	ARTICLE	IF	CITATIONS
802	Utilization of xylan-type polysaccharides in co-culture fermentations of <i>Bifidobacterium</i> and <i>Bacteroides</i> species. <i>Carbohydrate Polymers</i> , 2020, 236, 116076.	5.1	51
803	<i>Bifidobacterium animalis</i> ssp. <i>lactis</i> BB-12 enumeration by quantitative PCR assay in microcapsules with full-fat goat milk and inulin-type fructans. <i>Food Research International</i> , 2020, 133, 109131.	2.9	8
804	In vitro prebiotic activities of exopolysaccharide from <i>Leuconostoc pseudomesenteroides</i> XG5 and its effect on the gut microbiota of mice. <i>Journal of Functional Foods</i> , 2020, 67, 103853.	1.6	25
805	Plant-polyphenols based second-generation synbiotics: Emerging concepts, challenges, and opportunities. <i>Nutrition</i> , 2020, 77, 110785.	1.1	29
806	Rational use of prebiotics for gut microbiota alterations: Specific bacterial phylotypes and related mechanisms. <i>Journal of Functional Foods</i> , 2020, 66, 103838.	1.6	70
807	Bioactive compounds produced by probiotics in food products. <i>Current Opinion in Food Science</i> , 2020, 32, 76-82.	4.1	110
808	Physical properties of synbiotic yogurts as affected by the acidification rate. <i>International Dairy Journal</i> , 2020, 105, 104665.	1.5	7
809	Physicochemical and structural characterization of resistant starch isolated from <i>Vigna unguiculata</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 147, 268-275.	3.6	20
810	Gastrointestinal Microbiome – What We Need to Know in Clinical Practice. <i>GE Portuguese Journal of Gastroenterology</i> , 2020, 27, 336-351.	0.3	19
811	Effects of regular and decaffeinated roasted coffee ( <i>Coffea arabica</i> and <i>Coffea</i> ) on gut microbiota and Function, 2020, 11, 1410-1424.	2.1	26
812	A Renal Clinician's Guide to the Gut Microbiota. , 2020, 30, 384-395.		18
813	Identification and Characterization of a $\beta$ -N-Acetylhexosaminidase with a Biosynthetic Activity from the Marine Bacterium <i>Paraglaciicola hydrolytica</i> S66T. <i>International Journal of Molecular Sciences</i> , 2020, 21, 417.	1.8	12
814	Warding Off Recurrent Yeast and Bacterial Vaginal Infections: Lactoferrin and Lactobacilli. <i>Microorganisms</i> , 2020, 8, 130.	1.6	26
815	Bioavailability and prebiotic potential of <i>Carapax Trionycis</i> , a waste from soft-shelled turtle processing. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 2554-2567.	1.7	4
816	Probiotics for people with cystic fibrosis. <i>The Cochrane Library</i> , 2020, 1, CD012949.	1.5	21
817	Inulin with different degrees of polymerization protects against diet-induced endotoxemia and inflammation in association with gut microbiota regulation in mice. <i>Scientific Reports</i> , 2020, 10, 978.	1.6	92
818	Innovation potentials triggered by glycoscience research. <i>Carbohydrate Polymers</i> , 2020, 233, 115833.	5.1	7
819	Evaluation of Probiotic Properties and Prebiotic Utilization Potential of <i>Weissella paramesenteroides</i> Isolated From Fruits. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 1126-1138.	1.9	32

#	ARTICLE	IF	CITATIONS
820	Effects of Nondigestible Oligosaccharides on Obesity. <i>Annual Review of Food Science and Technology</i> , 2020, 11, 205-233.	5.1	29
821	Synbiotics Alter Fecal Microbiomes, But Not Liver Fat or Fibrosis, in a Randomized Trial of Patients With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2020, 158, 1597-1610.e7.	0.6	123
822	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
823	Cistanche polysaccharides enhance echinacoside absorption in vivo and affect the gut microbiota. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 732-740.	3.6	55
824	Preventing Respiratory Tract Infections by Synbiotic Interventions: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Advances in Nutrition</i> , 2020, 11, 979-988.	2.9	51
825	Microbiome Composition in Pediatric Populations from Birth to Adolescence: Impact of Diet and Prebiotic and Probiotic Interventions. <i>Digestive Diseases and Sciences</i> , 2020, 65, 706-722.	1.1	73
826	Prebiotics metabolism by gut-isolated probiotics. <i>Journal of Food Science and Technology</i> , 2020, 57, 2786-2799.	1.4	27
827	Synthesis of potential prebiotic $\alpha$ -glucooligosaccharides using microbial glucansucrase and their <i>in vitro</i> fecal fermentation. <i>Food and Function</i> , 2020, 11, 1672-1683.	2.1	9
828	Insights into the role of intestinal microbiota in hematopoietic stem-cell transplantation. <i>Therapeutic Advances in Hematology</i> , 2020, 11, 204062071989696.	1.1	36
829	Proteomic study of <i>Enterococcus durans</i> LAB18S growing on prebiotic oligosaccharides. <i>Food Microbiology</i> , 2020, 89, 103430.	2.1	11
830	The Potential Effects of Radiation on the Gut-Brain Axis. <i>Radiation Research</i> , 2020, 193, 209.	0.7	20
831	Effect of probiotic and synbiotic formulations on anthropometrics and adiponectin in overweight and obese participants: A systematic review and meta-analysis of randomized controlled trials. <i>Journal of King Saud University - Science</i> , 2020, 32, 1738-1748.	1.6	10
832	Kinetic study on the digestibility of lactose and lactulose using small intestinal glycosidases. <i>Food Chemistry</i> , 2020, 316, 126326.	4.2	6
833	Prebiotic potential of hemp blended drinks fermented by probiotics. <i>Food Research International</i> , 2020, 131, 109029.	2.9	56
834	In Vitro Evaluation of Different Prebiotics on the Modulation of Gut Microbiota Composition and Function in Morbid Obese and Normal-Weight Subjects. <i>International Journal of Molecular Sciences</i> , 2020, 21, 906.	1.8	29
835	Targeted Approaches for In Situ Gut Microbiome Manipulation. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020, 44, 581-588.	1.3	8
836	Effect of probiotics on obesity-related markers per enterotype: a double-blind, placebo-controlled, randomized clinical trial. <i>EPMA Journal</i> , 2020, 11, 31-51.	3.3	47
837	Prebiotic Activity of Poly- and Oligosaccharides Obtained from <i>Plantago major</i> L. Leaves. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2648.	1.3	15

#	ARTICLE	IF	CITATIONS
838	Framework as a Service, FaaS: Personalized Prebiotic Development for Infants with the Elements of Time and Parametric Modelling of In Vitro Fermentation. <i>Microorganisms</i> , 2020, 8, 623.	1.6	0
839	Prebiotic Effects of Partially Hydrolyzed Guar Gum on the Composition and Function of the Human Microbiota—Results from the PAGODA Trial. <i>Nutrients</i> , 2020, 12, 1257.	1.7	39
840	Deciphering the Role of Polyphenols in Sports Performance: From Nutritional Genomics to the Gut Microbiota toward Phytonutritional Epigenomics. <i>Nutrients</i> , 2020, 12, 1265.	1.7	28
841	Potential prebiotic properties of flours from different varieties of sweet potato ( <i>Ipomoea batatas</i> L.) roots cultivated in Northeastern Brazil. <i>Food Bioscience</i> , 2020, 36, 100614.	2.0	33
842	Inulin thermal stability in prebiotic carbohydrate-enriched araticum whey beverage. <i>LWT - Food Science and Technology</i> , 2020, 128, 109418.	2.5	20
843	Microbiota-based approaches to mitigate infectious complications of intensive chemotherapy in patients with acute leukemia. <i>Translational Research</i> , 2020, 220, 167-181.	2.2	9
844	Recent trends and applications of polysaccharides for microencapsulation of probiotics. <i>Food Frontiers</i> , 2020, 1, 45-59.	3.7	63
845	Considerations for the design and conduct of human gut microbiota intervention studies relating to foods. <i>European Journal of Nutrition</i> , 2020, 59, 3347-3368.	1.8	17
846	The role of prebiotics in cognition, anxiety, and depression. <i>European Neuropsychopharmacology</i> , 2020, 34, 1-18.	0.3	57
847	Influences of different drying methods on the structural characteristics and prebiotic activity of polysaccharides from bamboo shoot ( <i>Chimonobambusa quadrangularis</i> ) residues. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 674-684.	3.6	33
848	Selective fermentation of <i>Lactobacillus delbrueckii</i> ssp. <i>Bulgaricus</i> SRFM-1 derived exopolysaccharide by <i>Lactobacillus</i> and <i>Streptococcus</i> strains revealed prebiotic properties. <i>Journal of Functional Foods</i> , 2020, 69, 103952.	1.6	18
849	Investigation of dietary fructooligosaccharides from different production methods: Interpreting the impact of compositions on probiotic metabolism and growth. <i>Journal of Functional Foods</i> , 2020, 69, 103955.	1.6	16
850	In vitro fermentation of raffinose to unravel its potential as prebiotic ingredient. <i>LWT - Food Science and Technology</i> , 2020, 126, 109322.	2.5	28
851	Prebiotic potential of polyphenols, its effect on gut microbiota and anthropometric/clinical markers: A systematic review of randomised controlled trials. <i>Trends in Food Science and Technology</i> , 2020, 99, 634-649.	7.8	64
852	Prebiotics Inhibit Proteolysis by Gut Bacteria in a Host Diet-Dependent Manner: a Three-Stage Continuous <i>In Vitro</i> Gut Model Experiment. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	21
853	Discovery of the gut microbial signature driving the efficacy of prebiotic intervention in obese patients. <i>Gut</i> , 2020, 69, 1975-1987.	6.1	141
854	Microbial Medicine: Prebiotic and Probiotic Functional Foods to Target Obesity and Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2890.	1.8	133
855	Response of the Human Milk Microbiota to a Maternal Prebiotic Intervention Is Individual and Influenced by Maternal Age. <i>Nutrients</i> , 2020, 12, 1081.	1.7	10



#	ARTICLE	IF	CITATIONS
856	Xylo-oligosaccharides from sugarcane show prebiotic potential in a dynamic computer-controlled in vitro model of the adult human large intestine. <i>Beneficial Microbes</i> , 2020, 11, 191-200.	1.0	7
857	Interactions of probiotics and prebiotics with the gut microbiota. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 171, 265-300.	0.9	40
858	Gut microbiome-mediated modulation of hepatic cytochrome P450 and P-glycoprotein: impact of butyrate and fructo-oligosaccharide-inulin. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1072-1081.	1.2	13
859	Passion fruit-flavored ice cream processed with water-soluble extract of rice by-product: What is the impact of the addition of different prebiotic components?. <i>LWT - Food Science and Technology</i> , 2020, 128, 109472.	2.5	32
860	Mechanisms of Action of Prebiotics and Their Effects on Gastro-Intestinal Disorders in Adults. <i>Nutrients</i> , 2020, 12, 1037.	1.7	108
861	Effect of chicory inulin-type fructan-containing snack bars on the human gut microbiota in low dietary fiber consumers in a randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 1286-1296.	2.2	47
862	Cheeses as food matrixes for probiotics: In vitro and in vivo tests. <i>Trends in Food Science and Technology</i> , 2020, 100, 138-154.	7.8	47
863	New Opportunities for Endometrial Health by Modifying Uterine Microbial Composition: Present or Future?. <i>Biomolecules</i> , 2020, 10, 593.	1.8	85
864	Shift of Volatile Organic Compounds (VOCs) in Gluten-Free Hemp-Enriched Sourdough Bread: A Metabolomic Approach. <i>Nutrients</i> , 2020, 12, 1050.	1.7	28
865	Cultivation of the Next-Generation Probiotic <i>Akkermansia muciniphila</i> , Methods of Its Safe Delivery to the Intestine, and Factors Contributing to Its Growth In Vivo. <i>Current Microbiology</i> , 2020, 77, 1363-1372.	1.0	11
866	Effect of probiotic foods and supplements on blood pressure: a systematic review of meta-analyses studies of controlled trials. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 617-623.	0.8	13
867	Soluble arabinoxylans extracted from soft and hard wheat show a differential prebiotic effect in vitro and in vivo. <i>Journal of Cereal Science</i> , 2020, 93, 102956.	1.8	17
868	Pullulan as a potential enhancer of <i>Lactobacillus</i> and <i>Bifidobacterium</i> viability in synbiotic low fat yoghurt and its sensory quality. <i>LWT - Food Science and Technology</i> , 2020, 128, 109414.	2.5	15
869	Probiotics and fructo-oligosaccharide intervention modulate the microbiota-gut brain axis to improve autism spectrum reducing also the hyper-serotonergic state and the dopamine metabolism disorder. <i>Pharmacological Research</i> , 2020, 157, 104784.	3.1	135
870	Food ingredients in human health: Ecological and metabolic perspectives implicating gut microbiota function. <i>Trends in Food Science and Technology</i> , 2020, 100, 103-117.	7.8	18
871	Use of Synbiotics for Ulcerative Colitis Treatment. <i>Current Clinical Pharmacology</i> , 2020, 15, 174-182.	0.2	21
872	The Gut Microbiome and Schizophrenia: The Current State of the Field and Clinical Applications. <i>Frontiers in Psychiatry</i> , 2020, 11, 156.	1.3	86
873	Impact of a Multistrain Probiotic Formulation with High <i>Bifidobacterial</i> Content on the Fecal Bacterial Community and Short-Chain Fatty Acid Levels of Healthy Adults. <i>Microorganisms</i> , 2020, 8, 492.	1.6	7

#	ARTICLE	IF	CITATIONS
874	Role of Gut Microbiota in Neuroendocrine Regulation of Carbohydrate and Lipid Metabolism via the Microbiota-Gut-Brain-Liver Axis. <i>Microorganisms</i> , 2020, 8, 527.	1.6	101
875	<i>Bifidobacterium breve</i> UCC2003 Exopolysaccharide Modulates the Early Life Microbiota by Acting as a Potential Dietary Substrate. <i>Nutrients</i> , 2020, 12, 948.	1.7	22
876	Link between gut microbiota and health outcomes in inulin -treated obese patients: Lessons from the Food4Gut multicenter randomized placebo-controlled trial. <i>Clinical Nutrition</i> , 2020, 39, 3618-3628.	2.3	87
877	Probiotics, prebiotics, and synbiotics for the improvement of metabolic profiles in patients with chronic kidney disease: A systematic review and meta-analysis of randomized controlled trials. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 577-598.	5.4	60
878	Soluble Dietary Fiber Reduces Feeding Intolerance in Severe Acute Pancreatitis: A Randomized Study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021, 45, 125-135.	1.3	22
879	Maternal Nutritional Status and Development of Atopic Dermatitis in Their Offspring. <i>Clinical Reviews in Allergy and Immunology</i> , 2021, 61, 128-155.	2.9	20
880	The impact of probiotics, prebiotics, and synbiotics on the biochemical, clinical, and immunological markers, as well as on the gut microbiota of obese hosts. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 337-355.	5.4	60
881	Synbiotics: a technological approach in food applications. <i>Journal of Food Science and Technology</i> , 2021, 58, 811-824.	1.4	17
882	Intestinal microbiota alterations in chronic kidney disease and the influence of dietary components. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1490-1502.	5.4	16
883	Human microbiome and homeostasis: insights into the key role of prebiotics, probiotics, and symbiotics. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1415-1428.	5.4	20
884	Diet and cancer risk reduction: The role of diet-microbiota interactions and microbial metabolites. <i>Seminars in Cancer Biology</i> , 2021, 70, 53-60.	4.3	23
885	The effect of synbiotic on glycemic profile and sex hormones in overweight and obese breast cancer survivors following a weight-loss diet: A randomized, triple-blind, controlled trial. <i>Clinical Nutrition</i> , 2021, 40, 394-403.	2.3	15
886	Dietary Fiber from Oat and Rye Brans Ameliorate Western Dietâ€‘Induced Body Weight Gain and Hepatic Inflammation by the Modulation of Shortâ€‘Chain Fatty Acids, Bile Acids, and Tryptophan Metabolism. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e1900580.	1.5	39
887	Nutritional Regulation of the Microbiota - Can One Meal Change a Trillion Lives?. , 2021, , 532-541.		0
888	Isolation, Identification, and Screening of Lactic Acid Bacteria with Probiotic Potential in Silage of Different Species of Forage Plants, Cocoa Beans, and Artisanal Salami. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 173-186.	1.9	32
889	The microbiome in inflammatory bowel diseases: from pathogenesis to therapy. <i>Protein and Cell</i> , 2021, 12, 331-345.	4.8	133
890	Classical methods and perspectives for manipulating the human gut microbial ecosystem. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 234-258.	5.4	13
891	Effect of inulin-type fructans and galactooligosaccharides on cultures of <i>Lactobacillus</i> strains isolated in Algeria from camelâ€™s milk and human colostrum. <i>Food Science and Technology International</i> , 2021, 27, 223-233.	1.1	4

#	ARTICLE	IF	CITATIONS
892	Fermented infant formula (with <i>Bifidobacterium breve</i> C50 and <i>Streptococcus thermophilus</i> O65) with prebiotic oligosaccharides is safe and modulates the gut microbiota towards a microbiota closer to that of breastfed infants. <i>Clinical Nutrition</i> , 2021, 40, 778-787.	2.3	29
893	Developmental effects on sleep-wake patterns in infants receiving a cow's milk-based infant formula with an added prebiotic blend: a Randomized Controlled Trial. <i>Pediatric Research</i> , 2021, 89, 1222-1231.	1.1	8
894	Polyphenols and their applications: An approach in food chemistry and innovation potential. <i>Food Chemistry</i> , 2021, 338, 127535.	4.2	253
895	Chronic consumption of thermally processed palm oil or canola oil modified gut microflora of rats. <i>Food Science and Human Wellness</i> , 2021, 10, 94-102.	2.2	12
896	Mechanisms linking the human gut microbiome to prophylactic and treatment strategies for COVID-19. <i>British Journal of Nutrition</i> , 2021, 126, 219-227.	1.2	50
897	Gastrointestinal bioaccessibility and bioactivity of phenolic compounds from arãi-boi fruit. <i>LWT - Food Science and Technology</i> , 2021, 135, 110230.	2.5	10
898	Xylooligosaccharides from lignocellulosic biomass: A comprehensive review. <i>Carbohydrate Polymers</i> , 2021, 251, 117118.	5.1	151
899	Prebiotic effects of olive pomace powders in the gut: In vitro evaluation of the inhibition of adhesion of pathogens, prebiotic and antioxidant effects. <i>Food Hydrocolloids</i> , 2021, 112, 106312.	5.6	30
900	Identification of new enterosynes using prebiotics: roles of bioactive lipids and mu-opioid receptor signalling in humans and mice. <i>Gut</i> , 2021, 70, 1078-1087.	6.1	28
901	Chitosan oligosaccharides attenuate loperamide-induced constipation through regulation of gut microbiota in mice. <i>Carbohydrate Polymers</i> , 2021, 253, 117218.	5.1	55
902	Impact of diet on gut microbiota. <i>Current Opinion in Food Science</i> , 2021, 37, 83-90.	4.1	36
903	Inulin alleviates adverse metabolic syndrome and regulates intestinal microbiota composition in Nile tilapia ( <i>Oreochromis niloticus</i> ) fed with high-carbohydrate diet. <i>British Journal of Nutrition</i> , 2021, 126, 161-171.	1.2	26
904	Gut microbiome stability and resilience: elucidating the response to perturbations in order to modulate gut health. <i>Gut</i> , 2021, 70, 595-605.	6.1	265
905	The effect of probiotics, prebiotics or synbiotics on metabolic outcomes in individuals with diabetes: a systematic review and meta-analysis. <i>Diabetologia</i> , 2021, 64, 26-41.	2.9	87
906	Engineering the Microbiome to Prevent Adverse Events: Challenges and Opportunities. <i>Annual Review of Pharmacology and Toxicology</i> , 2021, 61, 159-179.	4.2	19
907	Burdock ( <i>Arctium lappa</i> L) roots as a source of inulin-type fructans and other bioactive compounds: Current knowledge and future perspectives for food and non-food applications. <i>Food Research International</i> , 2021, 141, 109889.	2.9	26
908	Reviewing the recent advances in application of pectin for technical and health promotion purposes: From laboratory to market. <i>Carbohydrate Polymers</i> , 2021, 254, 117324.	5.1	84
909	Prebiotic mannoooligosaccharides: Synthesis, characterization and bioactive properties. <i>Food Chemistry</i> , 2021, 342, 128328.	4.2	47

#	ARTICLE	IF	CITATIONS
910	Bioaccessibility of cashew nut kernel flour compounds released after simulated in vitro human gastrointestinal digestion. <i>Food Research International</i> , 2021, 139, 109906.	2.9	17
911	Use of probiotic microorganisms in the formulation of healthy meat products. <i>Current Opinion in Food Science</i> , 2021, 38, 141-146.	4.1	21
912	Bacteriome Structure, Function, and Probiotics in Fish Larviculture: The Good, the Bad, and the Gaps. <i>Annual Review of Animal Biosciences</i> , 2021, 9, 423-452.	3.6	31
913	Prophylactic and therapeutic supplementation using fructo-oligosaccharide improves the intestinal homeostasis after mucositis induced by 5-fluorouracil. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111012.	2.5	18
914	Enzymatic preparation of manno-oligosaccharides from locust bean gum and palm kernel cake, and investigations into its prebiotic activity. <i>Electronic Journal of Biotechnology</i> , 2021, 49, 64-71.	1.2	15
915	Citrus flavonoids and the intestinal barrier: Interactions and effects. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 225-251.	5.9	36
916	Novel and emerging prebiotics: Advances and opportunities. <i>Advances in Food and Nutrition Research</i> , 2021, 95, 41-95.	1.5	21
917	Strategies to Improve Poultry Food Safety, a Landscape Review. <i>Annual Review of Animal Biosciences</i> , 2021, 9, 379-400.	3.6	20
918	Nutritional and therapeutic approaches for protecting human gut microbiota from psychotropic treatments. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110182.	2.5	7
919	Atypical immunometabolism and metabolic reprogramming in liver cancer: Deciphering the role of gut microbiome. <i>Advances in Cancer Research</i> , 2021, 149, 171-255.	1.9	13
920	Artichoke pectic oligosaccharide characterisation and virtual screening of prebiotic properties using in silico colonic fermentation. <i>Carbohydrate Polymers</i> , 2021, 255, 117367.	5.1	16
921	Characterization of a novel endo-levanase from <i>Azotobacter chroococcum</i> DSM 2286 and its application for the production of prebiotic fructooligosaccharides. <i>Carbohydrate Polymers</i> , 2021, 255, 117384.	5.1	6
922	Effect of resistant starch type 2 on inflammatory mediators: A systematic review and meta-analysis of randomized controlled trials. <i>Complementary Therapies in Medicine</i> , 2021, 56, 102597.	1.3	11
923	Xylooligosaccharides production by acid hydrolysis of an alkaline extraction filtrate from <i>Eucalyptus globulus</i> bleached kraft pulp. <i>Industrial Crops and Products</i> , 2021, 159, 113066.	2.5	19
924	Dietary fibre in gastrointestinal health and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 101-116.	8.2	367
925	Pinto beans modulate the gut microbiome, augment MHC II protein, and antimicrobial peptide gene expression in mice fed a normal or western-style diet. <i>Journal of Nutritional Biochemistry</i> , 2021, 88, 108543.	1.9	13
926	Dysbiosis, malnutrition and enhanced gut-lung axis contribute to age-related respiratory diseases. <i>Ageing Research Reviews</i> , 2021, 66, 101235.	5.0	58
927	Evaluation of functional feed additive administration in broiler chickens to 21 d. <i>Journal of Applied Poultry Research</i> , 2021, 30, 100121.	0.6	5

#	ARTICLE	IF	CITATIONS
928	Gut mycobiome: A promising target for colorectal cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188489.	3.3	21
929	Mucin as a Functional Niche Is a More Important Driver of <i>In Vitro</i> Gut Microbiota Composition and Functionality than <i>Akkermansia muciniphila</i> Supplementation. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	14
930	Metabolic properties of partially hydrolyzed pectin from passion fruit peel. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2021, 25, 100256.	1.5	3
931	<i>In vitro</i> assessment of antimicrobial efficacy of the D-Tagatose and lactobacilli-based synbiotic preparations against the pathogenic <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> . <i>International Journal of Food Science and Technology</i> , 2021, 56, 2156-2165.	1.3	3
932	Invited review: Probiotic yogurt quality criteria, regulatory framework, clinical evidence, and analytical aspects. <i>Journal of Dairy Science</i> , 2021, 104, 1-19.	1.4	65
933	The role of the gut microbiome and its metabolites in metabolic diseases. <i>Protein and Cell</i> , 2021, 12, 360-373.	4.8	175
934	High-resolution method for isocratic HPLC analysis of inulin-type fructooligosaccharides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1172, 122505.	1.2	4
935	Modulating the Gut Microbiota of Humans by Dietary Intervention with Plant Glycans. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	13
936	Impact of ripening on the health-promoting components from fruta-do-lobo ( <i>Solanum lycocarpum</i> St.) <i>Tj ETQq0 0 Q, rgBT /Overlock 10 T</i>	2.9	5
937	Benefits of bacteria-derived exopolysaccharides on gastrointestinal microbiota, immunity and health. <i>Journal of Functional Foods</i> , 2021, 76, 104289.	1.6	61
938	Narrative review on potential role of gut microbiota in certain substance addiction. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 106, 110093.	2.5	17
939	Probiotic fermented milk with high content of polyphenols: Study of viability and bioaccessibility after simulated digestion. <i>International Journal of Dairy Technology</i> , 2021, 74, 170-180.	1.3	13
940	Alternatives to antibiotics and trace elements (copper and zinc) to improve gut health and zootechnical parameters in piglets: A review. <i>Animal Feed Science and Technology</i> , 2021, 271, 114727.	1.1	26
941	Lactose-free skim milk and prebiotics as carrier agents of <i>Bifidobacterium</i> microencapsulation: physicochemical properties, survival during storage and <i>in vitro</i> gastrointestinal condition behaviour. <i>International Journal of Food Science and Technology</i> , 2021, 56, 2132-2145.	1.3	10
942	Enzymatic production of prebiotic oligosaccharides. <i>Current Opinion in Food Science</i> , 2021, 37, 160-170.	4.1	40
943	The impact of commercial prebiotics on the growth, survival and nisin production by <i>Lactococcus lactis</i> 537 in milk. <i>LWT - Food Science and Technology</i> , 2021, 137, 110356.	2.5	8
944	Inulin supplementation ameliorates hyperuricemia and modulates gut microbiota in Uox-knockout mice. <i>European Journal of Nutrition</i> , 2021, 60, 2217-2230.	1.8	74
945	Gut Microbiota-targeted Interventions for Reducing the Incidence, Duration, and Severity of Respiratory Tract Infections in Healthy Non-elderly Adults. <i>Military Medicine</i> , 2021, 186, e310-e318.	0.4	13

#	ARTICLE	IF	CITATIONS
946	The role of the gut microbiome on radiation therapy efficacy and gastrointestinal complications: A systematic review. <i>Radiotherapy and Oncology</i> , 2021, 156, 1-9.	0.3	44
947	Acerola ( <i>Malpighia glabra</i> L.) and guava ( <i>Psidium guajaba</i> L.) industrial processing by-products stimulate probiotic <i>Lactobacillus</i> and <i>Bifidobacterium</i> growth and induce beneficial changes in colonic microbiota. <i>Journal of Applied Microbiology</i> , 2021, 130, 1323-1336.	1.4	20
948	Probiotic oats milk drink with microencapsulated <i>Lactobacillus plantarum</i> – an alternative to dairy products. <i>Nutrition and Food Science</i> , 2021, 51, 471-482.	0.4	14
949	Fructooligosaccharide supplementation in diets for tropical gar ( <i>Atractosteus tropicus</i> ) juvenile: Effects on morphophysiology and intestinal barrier function. <i>Aquaculture Research</i> , 2021, 52, 37-50.	0.9	8
950	Evolutionary concepts in the functional biotics arena: a mini-review. <i>Food Science and Biotechnology</i> , 2021, 30, 487-496.	1.2	11
951	Food as medicine: targeting the uraemic phenotype in chronic kidney disease. <i>Nature Reviews Nephrology</i> , 2021, 17, 153-171.	4.1	126
952	Bacteria-derived long chain fatty acid exhibits anti-inflammatory properties in colitis. <i>Gut</i> , 2021, 70, 1088-1097.	6.1	105
953	Effects of the prebiotic inulin-type fructans on post-antibiotic reconstitution of the gut microbiome. <i>Journal of Applied Microbiology</i> , 2021, 130, 634-649.	1.4	4
954	Calorie restriction in combination with prebiotic supplementation in obese women with depression: effects on metabolic and clinical response. <i>Nutritional Neuroscience</i> , 2021, 24, 339-353.	1.5	23
955	Effect of microencapsulation and mango peel powder on probiotics survival in ice cream. <i>Brazilian Journal of Food Technology</i> , 0, 24, .	0.8	4
956	Gut Microbiome and Gastrointestinal Disorders. <i>The Microbiomes of Humans, Animals, Plants, and the Environment</i> , 2021, , 41-91.	0.2	0
957	Emerging Role of Microbiota in Precision Nutrition Approaches. , 2021, , 220-220.		1
958	Depression in the elderly and psychobiotics. , 2021, , 509-520.		0
959	Gut Microbiome and Diet. , 2021, , 12-12.		0
960	The gut microbiota-brain axis and role of probiotics. , 2021, , 175-191.		1
961	Bacteriotherapy for inflammatory bowel disease. <i>Inflammation and Regeneration</i> , 2021, 41, 3.	1.5	21
962	Infant formula and food allergy. , 2021, , 365-393.		0
963	Postbiotics: defining the impact of inactivated microbes and their metabolites on promotion of health. , 2021, , 257-268.		1

#	ARTICLE	IF	CITATIONS
964	Hologenomics: The Interaction Between Host, Microbiome and Diet. , 2021, , 212-228.		1
965	Gastroenterocardiology: Or what do the gut and the heart have in common?. Timocki Medicinski Glasnik, 2021, 46, 11-22.	0.0	0
966	Noninvasive monitoring of fibre fermentation in healthy volunteers by analyzing breath volatile metabolites: lessons from the FiberTAG intervention study. Gut Microbes, 2021, 13, 1-16.	4.3	8
968	The gut microbiota in osteoarthritis: where do we stand and what can we do?. Arthritis Research and Therapy, 2021, 23, 42.	1.6	40
969	Intérêt des prébiotiques et des probiotiques. , 2021, , 673-677.		0
970	Gut Microbiota Dysbiosis in Non-alcoholic Fatty Liver Disease. , 2021, , 475-475.		0
971	Metabolism of Non-Digestible Dietary Carbohydrates. , 2022, , 102-123.		0
972	Contribution of the Microbiota to Healthy Aging. , 2021, , .		0
973	Treatment of CDI. , 2021, , 69-78.		0
974	Next-generation prebiotic promotes selective growth of bifidobacteria, suppressing <i>Clostridioides difficile</i> . Gut Microbes, 2021, 13, 1973835.	4.3	18
975	The Gut Microbiome in Serious Mental Illnesses. The Microbiomes of Humans, Animals, Plants, and the Environment, 2021, , 243-263.	0.2	1
976	Understanding the Effects of Gut Microbiota Dysbiosis on Nonalcoholic Fatty Liver Disease and the Possible Probiotics Role: Recent Updates. International Journal of Biological Sciences, 2021, 17, 818-833.	2.6	51
977	Symbiotic drink based on Brazil nuts ( <i>Bertholletia excelsa</i> H.B.K): production, characterization, probiotic viability and sensory acceptance. Ciencia Rural, 2021, 51, .	0.3	5
978	Evidence for Proline Utilization by Oral Bacterial Biofilms Grown in Saliva. Frontiers in Microbiology, 2020, 11, 619968.	1.5	8
979	A Narrative Review on Microencapsulation of Obligate Anaerobe Probiotics <i>Bifidobacterium</i> , <i>Akkermansia muciniphila</i> , and <i>Faecalibacterium prausnitzii</i> . Food Reviews International, 2022, 38, 373-402.	4.3	4
980	Diet and Microbiota During Pregnancy. , 2021, , .		0
981	Probiotics, Prebiotics, Synbiotics, Postbiotics and Other Biotics. What's Next?. , 2022, , 197-210.		1
982	Probioactives: Bacteriocin and Exopolysaccharides. , 2021, , 293-308.		0

#	ARTICLE	IF	CITATIONS
983	Agro waste derived pectin poly and oligosaccharides: Synthesis and functional characterization. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 31, 101910.	1.5	15
984	Fructans with Varying Degree of Polymerization Enhance the Selective Growth of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> BB-12 in the Human Gut Microbiome In Vitro. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 598.	1.3	9
985	Radiotherapy and the gut microbiome: facts and fiction. <i>Radiation Oncology</i> , 2021, 16, 9.	1.2	85
986	Evaluation of physicochemical properties and viability of starter culture of liquid cheese whey-based frozen yogurts supplemented with inulin. <i>Ciencia Rural</i> , 2021, 51, .	0.3	0
987	Potential prebiotic substrates modulate composition, metabolism, virulence and inflammatory potential of an in vitro multi-species oral biofilm. <i>Journal of Oral Microbiology</i> , 2021, 13, 1910462.	1.2	7
988	Probiotics ameliorate chronic low-grade inflammation and fat accumulation with gut microbiota composition change in diet-induced obese mice models. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 1203-1213.	1.7	17
989	Harnessing machine learning for development of microbiome therapeutics. <i>Gut Microbes</i> , 2021, 13, 1-20.	4.3	47
990	Improvement of gastrointestinal discomfort and inflammatory status by a synbiotic in middle-aged adults: a double-blind randomized placebo-controlled trial. <i>Scientific Reports</i> , 2021, 11, 2627.	1.6	18
991	Current Evidence on the Role of the Gut Microbiome in ADHD Pathophysiology and Therapeutic Implications. <i>Nutrients</i> , 2021, 13, 249.	1.7	56
992	Effects of <i>Spirulina (Arthrospira) platensis</i> and <i>Bacillus subtilis</i> PB6 on growth performance, intestinal microbiota and morphology, and serum parameters in broiler chickens. <i>Animal Production Science</i> , 2021, 61, 390.	0.6	6
993	The Potential Prebiotic Effects of Yacon ( <i>Smallanthus sonchifolius</i> ) in Colorectal Cancer. <i>Current Nutrition and Food Science</i> , 2021, 17, 167-175.	0.3	4
994	Mucilage as a functional food hydrocolloid: ongoing and potential applications in prebiotics and nutraceuticals. <i>Food and Function</i> , 2021, 12, 4738-4748.	2.1	19
995	The emerging roles of the gut microbiome in allogeneic hematopoietic stem cell transplantation. <i>Gut Microbes</i> , 2021, 13, 1966262.	4.3	4
996	Emerging Prebiotics: Nutritional and Technological Considerations. , 2021, , 13-46.		1
997	Ultrasound for Probiotic and Prebiotic Foods. , 2021, , 293-307.		2
998	Modification of the gut microbiome in an attempt to reduce the risk of child disease: Clinical data from prenatal interventions. , 2021, , 269-286.		0
999	Effects of a Trans-Galactooligosaccharide on Minerals Content of Common Carp ( <i>Cyprinus carpio</i> L.) Tissues. <i>Biological Trace Element Research</i> , 2021, 199, 4792-4804.	1.9	4
1000	Potential roles of functional bacterial amyloid proteins, bacterial biosurfactants and other putative gut microbiota products in the etiopathogeny of Parkinson's Disease. <i>Biocell</i> , 2021, 45, 1-16.	0.4	9



#	ARTICLE	IF	CITATIONS
1001	Effect of formulations and fermentation processes on volatile organic compounds and prebiotic potential of gluten-free bread fortified by spirulina ( <i>Arthrospira platensis</i> ). Food and Function, 2021, 12, 10226-10238.	2.1	13
1002	Volatilome changes during probiotic fermentation of combined soy and rice drinks. Food and Function, 2021, 12, 3159-3169.	2.1	17
1003	Concurrent Prebiotic Intake Reverses Insulin Resistance Induced by Early-Life Pulsed Antibiotic in Rats. Biomedicines, 2021, 9, 66.	1.4	5
1004	Fueling Gut Microbes: A Review of the Interaction between Diet, Exercise, and the Gut Microbiota in Athletes. Advances in Nutrition, 2021, 12, 2190-2215.	2.9	57
1005	Prospects for colorectal cancer prevention targeting intestinal microbiome. Integrative Cancer Science and Therapeutics, 2021, 8, .	0.1	0
1006	Influence of gut microbiota on eye diseases: an overview. Annals of Medicine, 2021, 53, 750-761.	1.5	38
1007	Human Milk Oligosaccharides and Microbiome Homeostasis. , 2021, , 372-388.		0
1008	Flexibility of Gut Microbiota in Ageing Individuals during Dietary Fiber Long-Chain Inulin Intake. Molecular Nutrition and Food Research, 2021, 65, e2000390.	1.5	42
1009	Phenolic Compounds Impact on Rheumatoid Arthritis, Inflammatory Bowel Disease and Microbiota Modulation. Pharmaceutics, 2021, 13, 145.	2.0	29
1010	Early Life Events With Microbiota Mediated Effects on Brain Functions. , 2021, , 39-39.		0
1011	Effects of colon-targeted vitamins on the composition and metabolic activity of the human gut microbiome—a pilot study. Gut Microbes, 2021, 13, 1-20.	4.3	56
1012	Probiotics to Prebiotics and Their Clinical Use. , 2021, , .		0
1013	Bioactive compounds of fruit by-products as potential prebiotics. , 2021, , 47-59.		1
1014	Effects of synbiotic supplementation on serum adiponectin and inflammation status of overweight and obese breast cancer survivors: a randomized, triple-blind, placebo-controlled trial. Supportive Care in Cancer, 2021, 29, 4147-4157.	1.0	15
1015	The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on fermented foods. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 196-208.	8.2	316
1016	Recent Advances in the Application of Starch and Resistant Starch and Slowly Digestible Starch. , 2021, , 59-90.		2
1017	Maternal galactooligosaccharides supplementation programmed immune defense, microbial colonization and intestinal development in piglets. Food and Function, 2021, 12, 7260-7270.	2.1	8
1018	Diet and Microbiota in the Elderly. , 2021, , 55-55.		0

#	ARTICLE	IF	CITATIONS
1019	Microbiota-related effects of prebiotic fibres in lipopolysaccharide-induced endotoxemic mice: short chain fatty acid production and gut commensal translocation. <i>Food and Function</i> , 2021, 12, 7343-7357.	2.1	14
1020	Changes in the Microbiota Composition and Function in Relation to Aging. , 2022, , 85-96.		3
1021	Microbiome changes in aging. , 2021, , 367-389.		1
1022	Bone and the microbiome. , 2021, , 969-988.		0
1023	In Vitro Assessment of Prebiotic Activity. <i>Methods in Molecular Biology</i> , 2021, 2278, 209-223.	0.4	1
1024	Gut Microbial Dysbiosis and HIV Infection. , 2021, , .		0
1025	Biochemical characterization of two cellobiose 2-epimerases and application for efficient production of lactulose and epilactose. <i>Current Research in Biotechnology</i> , 2021, 3, 57-64.	1.9	10
1026	Dietary supplementation with fructooligosaccharides ameliorates allergy development following DEHP exposure in mice. <i>Food and Agricultural Immunology</i> , 2021, 32, 419-424.	0.7	0
1027	Plant origin prebiotics affect duodenal brush border membrane functionality and morphology, <i>in vivo</i> ( <i>Gallus Gallus</i> ). <i>Food and Function</i> , 2021, 12, 6157-6166.	2.1	9
1028	Effect of inulin-type fructans on appetite in patients with type 2 diabetes: a randomised controlled crossover trial. <i>Journal of Nutritional Science</i> , 2021, 10, e72.	0.7	5
1029	The Biotics Family. , 2021, , 1-11.		1
1030	Fruit Juice Added With Prebiotics and Probiotics. , 2021, , 219-232.		1
1031	Comprehensive Gut Microbiota and Drug Processing. , 2021, , .		0
1032	Probiotic Microorganisms and Their Benefit to Human Health. , 2021, , 3-22.		4
1033	Role of Probiotic Microbes Exerting Nutritional Properties. , 2021, , 163-184.		0
1034	New tendencies in non-surgical periodontal therapy. <i>Brazilian Oral Research</i> , 2021, 35, e095.	0.6	17
1035	Mucins, gut microbiota, and postbiotics role in colorectal cancer. <i>Gut Microbes</i> , 2021, 13, 1974795.	4.3	25
1036	Preventive Effects of Probiotics and Prebiotics in Food Allergy: Potentials and Promise. <i>Microorganisms for Sustainability</i> , 2021, , 85-100.	0.4	0

#	ARTICLE	IF	CITATIONS
1037	Inflammatory response of raw 264.7 macrophage cells teated with dragonfruit oligosaccharide on lipopolysaccharide-induced inflammation. <i>Food Science and Technology Research</i> , 2021, 27, 111-119.	0.3	3
1038	Cereal Bars Added With Probiotics and Prebiotics. , 2021, , 201-217.		2
1039	Effects of Dietary Supplementations of Synbiotics on Growth Performance, Carcass Characteristics and Nutrient Digestibility of Broiler Chicken. <i>Brazilian Journal of Poultry Science</i> , 2021, 23, .	0.3	4
1040	Role of Probiotics, Prebiotics, and Synbiotics in the Elderly: Insights Into Their Applications. <i>Frontiers in Microbiology</i> , 2021, 12, 631254.	1.5	28
1041	Diet supplemented either with dried chicory root or chicory inulin significantly influence kidney and liver mineral content and antioxidative capacity in growing pigs. <i>Animal</i> , 2021, 15, 100129.	1.3	9
1042	Explainable AI reveals changes in skin microbiome composition linked to phenotypic differences. <i>Scientific Reports</i> , 2021, 11, 4565.	1.6	54
1043	Potential role of <i>Lactobacillus plantarum</i> in colitis induced by dextran sulfate sodium through altering gut microbiota and host metabolism in murine model. <i>Science China Life Sciences</i> , 2021, 64, 1906-1916.	2.3	26
1044	Aquaculture Production of the Brown Seaweeds <i>Laminaria digitata</i> and <i>Macrocystis pyrifera</i> : Applications in Food and Pharmaceuticals. <i>Molecules</i> , 2021, 26, 1306.	1.7	35
1045	Exploring the impact of gut microbiota and diet on breast cancer risk and progression. <i>International Journal of Cancer</i> , 2021, 149, 494-504.	2.3	22
1046	Microbiota Modulation of the Gut-Lung Axis in COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 635471.	2.2	138
1047	Going with the grain: Fiber, cognition, and the microbiota-gut-brain-axis. <i>Experimental Biology and Medicine</i> , 2021, 246, 796-811.	1.1	47
1048	New Insights into Stroke Prevention and Treatment: Gut Microbiome. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 455-472.	1.7	15
1049	Probiotic Greek yogurt: effect of the addition of prebiotic fat substitutes on the physicochemical characteristics, probiotic survival, and sensory acceptance. <i>Journal of Dairy Research</i> , 2021, 88, 98-104.	0.7	8
1050	Gut-Skin Axis: Current Knowledge of the Interrelationship between Microbial Dysbiosis and Skin Conditions. <i>Microorganisms</i> , 2021, 9, 353.	1.6	216
1051	Polyphenols as Prebiotics in the Management of High-Fat Diet-Induced Obesity: A Systematic Review of Animal Studies. <i>Foods</i> , 2021, 10, 299.	1.9	28
1052	Effect of nanoemulsion loading finger citron ( <i>Citrus medica</i> L. var. <i>Sarcodactylis</i> ) essential oil on human gut microbiota. <i>Journal of Functional Foods</i> , 2021, 77, 104336.	1.6	8
1053	Effect of Probiotics and Prebiotics on Oral Health. <i>Dental Journal of Advance Studies</i> , 2021, 9, 01-06.	0.2	5
1054	Oligosaccharides increase the genotoxic effect of colibactin produced by pks+ <i>Escherichia coli</i> strains. <i>BMC Cancer</i> , 2021, 21, 172.	1.1	24

#	ARTICLE	IF	CITATIONS
1055	Mediterranean Raisins/Currants as Traditional Superfoods: Processing, Health Benefits, Food Applications and Future Trends within the Bio-Economy Era. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1605.	1.3	13
1056	Assessment of Carbohydrate Availability, Fermentability, and Food Energy Value in Humans Using Measurements of Breath Hydrogen. <i>Journal of the American College of Nutrition</i> , 2021, 40, 480-482.	1.1	0
1057	Colonic In Vitro Model Assessment of the Prebiotic Potential of Bread Fortified with Polyphenols Rich Olive Fiber. <i>Nutrients</i> , 2021, 13, 787.	1.7	17
1058	Low-calorie synbiotic yoghurt from indigenous probiotic culture and combination of inulin and oligofructose: Improved sensory, rheological, and textural attributes. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15322.	0.9	18
1059	Prebiotics can restrict <i>Salmonella</i> populations in poultry: a review. <i>Animal Biotechnology</i> , 2022, 33, 1668-1677.	0.7	58
1060	Effect of Unripe Banana Flour on Gut-Derived Uremic Toxins in Individuals Undergoing Peritoneal Dialysis: A Randomized, Double-Blind, Placebo-Controlled, Crossover Trial. <i>Nutrients</i> , 2021, 13, 646.	1.7	13
1061	Lactose Intolerance—Old and New Knowledge on Pathophysiological Mechanisms, Diagnosis, and Treatment. <i>SN Comprehensive Clinical Medicine</i> , 2021, 3, 499-509.	0.3	8
1062	Effects of Green Banana Biomass ( <i>Musa</i> spp.) on Laboratory Parameters of Animal Models of Wistar Mice under Hyperlipidic Diet. <i>Journal of the American College of Nutrition</i> , 2021, 40, 472-477.	1.1	2
1063	Postbiotic Supplementation for Children and Newborns' Health. <i>Nutrients</i> , 2021, 13, 781.	1.7	18
1064	Clinical effects and gut microbiota changes of using probiotics, prebiotics or synbiotics in inflammatory bowel disease: a systematic review and meta-analysis. <i>European Journal of Nutrition</i> , 2021, 60, 2855-2875.	1.8	86
1065	Obesity, Early Life Gut Microbiota, and Antibiotics. <i>Microorganisms</i> , 2021, 9, 413.	1.6	30
1066	In vitro—in vivo Validation of Stimulatory Effect of Oat Ingredients on Lactobacilli. <i>Pathogens</i> , 2021, 10, 235.	1.2	8
1067	The use of food by-products as a novel for functional foods: Their use as ingredients and for the encapsulation process. <i>Trends in Food Science and Technology</i> , 2021, 108, 269-280.	7.8	81
1068	Comparative Genomic Analysis of <i>Lactiplantibacillus plantarum</i> Isolated from Different Niches. <i>Genes</i> , 2021, 12, 241.	1.0	30
1069	Approaches to Investigate Selective Dietary Polysaccharide Utilization by Human Gut Microbiota at a Functional Level. <i>Frontiers in Microbiology</i> , 2021, 12, 632684.	1.5	12
1070	Antimicrobial Prophylaxis and Modifications of the Gut Microbiota in Children with Cancer. <i>Antibiotics</i> , 2021, 10, 152.	1.5	4
1071	Prebiotic dietary fibre intervention improves fecal markers related to inflammation in obese patients: results from the Food4Gut randomized placebo-controlled trial. <i>European Journal of Nutrition</i> , 2021, 60, 3159-3170.	1.8	46
1072	Nutritional potential and bioactive compounds of xique-xique juice: An unconventional food plant from Semi-arid Brazilian. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15265.	0.9	5

#	ARTICLE	IF	CITATIONS
1073	Chronic constipation in adults: Contemporary perspectives and clinical challenges. 2: Conservative, behavioural, medical and surgical treatment. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14070.	1.6	17
1074	Of bowels, brain and behavior: A role for the gut microbiota in psychiatric comorbidities in irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14095.	1.6	21
1075	Effects of Xylo-Oligosaccharides on Growth and Gut Microbiota as Potential Replacements for Antibiotic in Weaning Piglets. <i>Frontiers in Microbiology</i> , 2021, 12, 641172.	1.5	33
1076	Bio-funcional components in mushrooms, a health opportunity: Ergothionine and huitlacoche as recent trends. <i>Journal of Functional Foods</i> , 2021, 77, 104326.	1.6	46
1077	The Development of Early Life Microbiota in Human Health and Disease. <i>Engineering</i> , 2022, 12, 101-114.	3.2	6
1078	Microbial shifts of faecal microbiota using enteral nutrition in vitro. <i>Journal of Functional Foods</i> , 2021, 77, 104330.	1.6	3
1079	Preliminary evaluation of potential prebiotic capacity of selected legumes and seed mucilage on the probiotic strain <i>Lactobacillus rhamnosus</i> GG. <i>Asia-Pacific Journal of Molecular Biology and Biotechnology</i> , 0, , 60-72.	0.2	4
1080	Daily consumption effects of probiotic yogurt containing <i>Lactobacillus acidophilus</i> La5 and <i>Bifidobacterium lactis</i> Bb12 on oxidative stress in metabolic syndrome patients. <i>Clinical Nutrition ESPEN</i> , 2021, 41, 136-142.	0.5	24
1081	Probiotic Sheep Milk Ice Cream with Inulin and Apple Fiber. <i>Foods</i> , 2021, 10, 678.	1.9	9
1082	Antioxidant Vitamins and Prebiotic FOS and XOS Differentially Shift Microbiota Composition and Function and Improve Intestinal Epithelial Barrier In Vitro. <i>Nutrients</i> , 2021, 13, 1125.	1.7	24
1083	Crude Pectic Oligosaccharide Recovery from Thai Chok Anan Mango Peel Using Pectinolytic Enzyme Hydrolysis. <i>Foods</i> , 2021, 10, 627.	1.9	16
1084	Prebiotic peptides, their formation, fermentation in the gut, and health implications. <i>Biotechnology Progress</i> , 2021, 37, e3142.	1.3	7
1085	Impact of 2- $\alpha$ -Fucosyllactose on Gut Microbiota Composition in Adults with Chronic Gastrointestinal Conditions: Batch Culture Fermentation Model and Pilot Clinical Trial Findings. <i>Nutrients</i> , 2021, 13, 938.	1.7	21
1086	On the Health Benefits vs. Risks of Seaweeds and Their Constituents: The Curious Case of the Polymer Paradigm. <i>Marine Drugs</i> , 2021, 19, 164.	2.2	12
1087	Young at Gut—Turning Back the Clock with the Gut Microbiome. <i>Microorganisms</i> , 2021, 9, 555.	1.6	9
1088	Synbiotic (FamiLact) administration in idiopathic male infertility enhances sperm quality, DNA integrity, and chromatin status: A triple-blinded randomized clinical trial. <i>International Journal of Reproductive BioMedicine</i> , 2021, 19, 235-244.	0.5	4
1089	Heart-gut axis: Targeting proprotein convertase subtilisin/kexin type 9 (PCSK9) to prevent cardiovascular disease through gut microbiota. <i>Medicine in Microecology</i> , 2021, 7, 100033.	0.7	6
1090	Validity and Reliability Assessments of a 16-item Food Frequency Questionnaire as a Probiotic and Prebiotic Consumption Scale in People Aged 20 to 40 Years in Tehran. <i>Nutrition and Food Sciences Research</i> , 2021, 8, 35-42.	0.3	1

#	ARTICLE	IF	CITATIONS
1091	Nutrition-based interventions for mood disorders. <i>Expert Review of Neurotherapeutics</i> , 2021, 21, 303-315.	1.4	25
1092	From Dysbiosis to Healthy Skin: Major Contributions of <i>Cutibacterium acnes</i> to Skin Homeostasis. <i>Microorganisms</i> , 2021, 9, 628.	1.6	57
1093	Human Milk Microbiota and Oligosaccharides: A Glimpse into Benefits, Diversity, and Correlations. <i>Nutrients</i> , 2021, 13, 1123.	1.7	52
1094	Identification of Synbiotics Conducive to Probiotics Adherence to Intestinal Mucosa Using an In Vitro Caco-2 and HT29-MTX Cell Model. <i>Processes</i> , 2021, 9, 569.	1.3	8
1095	Application of prebiotics in apple products and potential health benefits. <i>Journal of Food Science and Technology</i> , 2022, 59, 1249-1262.	1.4	9
1097	Prevention and Management with Pro-, Pre and Synbiotics in Children with Asthma and Allergic Rhinitis: A Narrative Review. <i>Nutrients</i> , 2021, 13, 934.	1.7	25
1098	The Gut-Liver Axis in Cholestatic Liver Diseases. <i>Nutrients</i> , 2021, 13, 1018.	1.7	29
1099	Diet and the Microbiotaâ€“Gutâ€“Brain Axis: Sowing the Seeds of Good Mental Health. <i>Advances in Nutrition</i> , 2021, 12, 1239-1285.	2.9	125
1101	Evaluation of the efficacy of probiotic VSL#3 and synbiotic VSL#3 and yaconâ€“based product in reducing oxidative stress and intestinal permeability in mice induced to colorectal carcinogenesis. <i>Journal of Food Science</i> , 2021, 86, 1448-1462.	1.5	12
1102	Increase in conjugated linoleic acid content and improvement in microbial and physicochemical properties of a novel kefir stored at refrigerated temperature using complementary probiotics and prebiotic. <i>Food Science and Technology</i> , 2021, 41, 254-266.	0.8	7
1103	A Postbiotic Consisting of Heat-Treated Lactobacilli Has a Bifidogenic Effect in Pure Culture and in Human Fermented Fecal Communities. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	17
1104	Experimental Periodontal Disease Triggers Coronary Endothelial Dysfunction in Middle-Aged Rats: Preventive Effect of a Prebiotic Î²-Glucan. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1398-1406.	1.7	2
1105	Quality indicators in lactose hydrolyzed milks and soy beverages from Colombia. <i>Journal of Food Science and Technology</i> , 2022, 59, 646-654.	1.4	1
1106	Mitigation of potentially toxic elements in food products by probiotic bacteria: A comprehensive review. <i>Food Research International</i> , 2022, 152, 110324.	2.9	16
1107	Biosynthesis, structural characteristics and prebiotic properties of maltitol-based acceptor products. <i>Journal of Functional Foods</i> , 2021, 78, 104374.	1.6	2
1108	Microbiota Changes in Fathers Consuming a High Prebiotic Fiber Diet Have Minimal Effects on Male and Female Offspring in Rats. <i>Nutrients</i> , 2021, 13, 820.	1.7	5
1109	Amino Acid Formula Containing Synbiotics in Infants with Cowâ€™s Milk Protein Allergy: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2021, 13, 935.	1.7	26
1110	The Interplay between the Gut Microbiome and the Immune System in the Context of Infectious Diseases throughout Life and the Role of Nutrition in Optimizing Treatment Strategies. <i>Nutrients</i> , 2021, 13, 886.	1.7	100

#	ARTICLE	IF	CITATIONS
1111	The Effects of Pro-, Pre-, and Synbiotics on Muscle Wasting, a Systematic Reviewâ€”Gut Permeability as Potential Treatment Target. <i>Nutrients</i> , 2021, 13, 1115.	1.7	23
1112	Plant Prebiotics and Their Role in the Amelioration of Diseases. <i>Biomolecules</i> , 2021, 11, 440.	1.8	47
1113	Probiotic Gastrointestinal Transit and Colonization After Oral Administration: A Long Journey. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 609722.	1.8	134
1114	Assessment of (â€) epicatechin as natural additive for improving safety and functionality in fresh â€œPiel de Sapoâ€•melon juice. <i>Food Science and Nutrition</i> , 2021, 9, 2925-2935.	1.5	2
1115	Effects of hullless barley and exogenous beta-glucanase levels on ileal digesta soluble beta-glucan molecular weight, digestive tract characteristics, and performance of broiler chickens. <i>Poultry Science</i> , 2021, 100, 100967.	1.5	12
1116	Production of prebiotic xylooligosaccharides from arabino- and glucuronoxylan using a two-domain <i>Jonesia denitrificans</i> xylanase from GH10 family. <i>Enzyme and Microbial Technology</i> , 2021, 144, 109743.	1.6	6
1117	The Life-Long Role of Nutrition on the Gut Microbiome and Gastrointestinal Disease. <i>Gastroenterology Clinics of North America</i> , 2021, 50, 77-100.	1.0	5
1118	Epigastric symptom response to low FODMAP dietary advice compared with standard dietetic advice in individuals with functional dyspepsia. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14148.	1.6	16
1119	Role of dietary polyphenols on gut microbiota, their metabolites and health benefits. <i>Food Research International</i> , 2021, 142, 110189.	2.9	184
1120	Bioaccessibility of Bioactive Compounds and Prebiotic Properties of Fruit and Vegetable By-products - A Mini Review. <i>Current Bioactive Compounds</i> , 2021, 17, 100-111.	0.2	3
1121	Current innovations in nutraceuticals and functional foods for intervention of non-alcoholic fatty liver disease. <i>Pharmacological Research</i> , 2021, 166, 105517.	3.1	16
1122	Modulation of gut microbiota protects against viral respiratory tract infections: a systematic review of animal and clinical studies. <i>European Journal of Nutrition</i> , 2021, 60, 4151-4174.	1.8	25
1123	Designing a functional rice muffin formulated with prebiotic oligosaccharides and sugar reduction. <i>Food Bioscience</i> , 2021, 40, 100858.	2.0	6
1124	Isomaltulose Exhibits Prebiotic Activity, and Modulates Gut Microbiota, the Production of Short Chain Fatty Acids, and Secondary Bile Acids in Rats. <i>Molecules</i> , 2021, 26, 2464.	1.7	17
1125	Gut Microbiota and NAFLD: Pathogenetic Mechanisms, Microbiota Signatures, and Therapeutic Interventions. <i>Microorganisms</i> , 2021, 9, 957.	1.6	81
1126	Impact of maternal obesity and prebiotic supplementation on select maternal milk microRNA levels and correlation with offspring outcomes. <i>British Journal of Nutrition</i> , 2022, 127, 335-343.	1.2	5
1127	Beneficial Effect of Alkaloids From <i>Sophora alopecuroides</i> L. on CUMS-Induced Depression Model Mice via Modulating Gut Microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 665159.	1.8	19
1128	The Role of Probiotics in Purine Metabolism, Hyperuricemia and Gout: Mechanisms and Interventions. <i>Food Reviews International</i> , 2023, 39, 261-277.	4.3	17

#	ARTICLE	IF	CITATIONS
1129	Plant-based fructans for increased animal welfare: provision processes and remaining challenges. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	7
1130	Gut Microbiota and Diarrhea: An Updated Review. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 625210.	1.8	85
1131	The role of butyrate in surgical and oncological outcomes in colorectal cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G601-G608.	1.6	39
1132	Characterization of Exopolysaccharides (EPSs) Obtained from <i>Ligilactobacillus salivarius</i> Strains and Investigation at the Prebiotic Potential as an Alternative to Plant Prebiotics at Poultry. <i>Probiotics and Antimicrobial Proteins</i> , 2022, 14, 49-59.	1.9	10
1133	Review: The Role of Intestinal Dysbiosis in Parkinsonâ€™s Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 615075.	1.8	34
1134	The Î²-Fructofuranosidase from <i>Rhodotorula dairenensis</i> : Molecular Cloning, Heterologous Expression, and Evaluation of Its Transferase Activity. <i>Catalysts</i> , 2021, 11, 476.	1.6	4
1135	Epitranscriptomic profile of <i>Lactobacillus agilis</i> and its adaptation to growth on inulin. <i>BMC Research Notes</i> , 2021, 14, 154.	0.6	2
1136	The link between nutrition and Alzheimerâ€™s disease: from prevention to treatment. <i>Neurodegenerative Disease Management</i> , 2021, 11, 155-166.	1.2	9
1137	Probiotics, prebiotics, and synbiotics added to dairy products: Uses and applications to manage type 2 diabetes. <i>Food Research International</i> , 2021, 142, 110208.	2.9	40
1138	NOVEL ASSESSMENT OF SYNERGISTIC STIMULATORY EFFECT OF PREBIOTIC CHITOOLIGOSACCHARIDE AND SOME COMMERCIAL PREBIOTICS ON THE PROBIOTIC GROWTH: A PRELIMINARY STUDY. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 0, 10, .	0.4	3
1139	Effect of a prebiotic supplement on knee joint function, gut microbiota, and inflammation in adults with co-morbid obesity and knee osteoarthritis: study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 255.	0.7	7
1140	YeÅŸil Ã†ay ve SaÅŸlÄ±k. <i>Black Sea Journal of Health Science</i> , 2021, 4, 341-350.	0.4	0
1141	Long-Term Safety and Efficacy of Prebiotic Enriched Infant Formulaâ€”A Randomized Controlled Trial. <i>Nutrients</i> , 2021, 13, 1276.	1.7	14
1142	Prebiotic Effect of Berberine and Curcumin Is Associated with the Improvement of Obesity in Mice. <i>Nutrients</i> , 2021, 13, 1436.	1.7	22
1143	Role of Probiotics in Modulating Human Gut Microbiota Populations and Activities in Patients with Colorectal Cancerâ€”A Systematic Review of Clinical Trials. <i>Nutrients</i> , 2021, 13, 1160.	1.7	23
1144	Prebiotic and probiotic supplementation and the tryptophan-kynurenine pathway: A systematic review and meta analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 123, 1-13.	2.9	39
1145	Does modern research validate the ancient wisdom of gut flora and brain connection? A literature review of gut dysbiosis in neurological and neurosurgical disorders over the last decade. <i>Neurosurgical Review</i> , 2021, , 1.	1.2	3
1146	Identification of an Invertase With High Specific Activity for Raffinose Hydrolysis and Its Application in Soymilk Treatment. <i>Frontiers in Microbiology</i> , 2021, 12, 646801.	1.5	2



#	ARTICLE	IF	CITATIONS
1147	Dietary Strategies for Management of Metabolic Syndrome: Role of Gut Microbiota Metabolites. <i>Nutrients</i> , 2021, 13, 1389.	1.7	46
1148	Impact of cold plasma on the techno-functional and sensory properties of whey dairy beverage added with xylooligosaccharide. <i>Food Research International</i> , 2021, 142, 110232.	2.9	20
1149	Gut Dysbiosis and Western Diet in the Pathogenesis of Essential Arterial Hypertension: A Narrative Review. <i>Nutrients</i> , 2021, 13, 1162.	1.7	20
1150	Probiotics/Prebiotics in Viral Respiratory Infections: Implication for Emerging Pathogens. <i>Recent Patents on Biotechnology</i> , 2021, 15, 112-136.	0.4	7
1151	A Triple Threat? The Role of Diet, Nutrition, and the Microbiota in T1D Pathogenesis. <i>Frontiers in Nutrition</i> , 2021, 8, 600756.	1.6	11
1152	The use of gum Arabic as a natural prebiotic in animals: A review. <i>Animal Feed Science and Technology</i> , 2021, 274, 114894.	1.1	19
1153	Potential prebiotic functions of a characterised <i>Ehretia macrophylla</i> Wall. fruit polysaccharide. <i>International Journal of Food Science and Technology</i> , 2022, 57, 35-47.	1.3	1
1154	Circulating bile acids as a link between the gut microbiota and cardiovascular health: impact of prebiotics, probiotics and polyphenol-rich foods. <i>Nutrition Research Reviews</i> , 2022, 35, 161-180.	2.1	50
1155	A framework for microbiome science in public health. <i>Nature Medicine</i> , 2021, 27, 766-774.	15.2	47
1156	Prebiotics mannan-oligosaccharides accelerate sexual maturity in rats: A randomized preclinical study. <i>Veterinary World</i> , 2021, 14, 1210-1219.	0.7	7
1157	Gut microbiome responses in the metabolism of human dietary components: Implications in health and homeostasis. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7615-7631.	5.4	9
1158	Role of Nutritive Factors in Infants Sleep Management. <i>Voprosy Sovremennoi Pediatrii - Current Pediatrics</i> , 2021, 20, 316-320.	0.1	0
1159	Impact of Cashew ( <i>Anacardium occidentale</i> L.) by-Product on Composition and Metabolic Activity of Human Colonic Microbiota In Vitro Indicates Prebiotic Properties. <i>Current Microbiology</i> , 2021, 78, 2264-2274.	1.0	15
1160	The secondary hyperoxaluria in children: the therapeutic potential of prebiotics and probiotics. <i>Rossiyskiy Vestnik Perinatologii i Pediatrii</i> , 2021, 66, 35-40.	0.1	0
1161	Impact of a fermented soy beverage supplemented with acerola by-product on the gut microbiota from lean and obese subjects using an in vitro model of the human colon. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3771-3785.	1.7	13
1162	Gut microbiome variation modulates the effects of dietary fiber on host metabolism. <i>Microbiome</i> , 2021, 9, 117.	4.9	61
1163	Gut microbiota and metabolic aspects of cancer cachexia. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101508.	2.2	19
1164	Recent advances in marine algae oligosaccharides: structure, analysis, and potential prebiotic activities. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7703-7717.	5.4	26

#	ARTICLE	IF	CITATIONS
1165	Plants arabinogalactans: From structures to physico-chemical and biological properties. <i>Biotechnology Advances</i> , 2021, 53, 107771.	6.0	20
1166	The Microbiome as a Therapy in Pouchitis and Ulcerative Colitis. <i>Nutrients</i> , 2021, 13, 1780.	1.7	21
1167	Nutraceuticals & microbiota: review. <i>Minerva Gastroenterology</i> , 2021, , .	0.3	1
1168	Probiotics supplementation in patients with colorectal cancer: a systematic review of randomized controlled trials. <i>Nutrition Reviews</i> , 2021, 80, 22-49.	2.6	27
1169	Effects of common prebiotics on iron status and production of colonic short-chain fatty acids in anemic rats. <i>Food Science and Human Wellness</i> , 2021, 10, 327-334.	2.2	7
1170	The Role of the Microbiome-Gut-Brain Axis in Schizophrenia and Clozapine-Induced Weight Gain. <i>Biological Psychiatry</i> , 2021, 89, S342.	0.7	0
1171	Ready-to-eat blueberries as fruit-based alternative to deliver probiotic microorganisms and prebiotic compounds. <i>LWT - Food Science and Technology</i> , 2021, 142, 111009.	2.5	12
1172	The International Scientific Association of Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of postbiotics. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 649-667.	8.2	701
1173	Fishing for the right probiotic: host-microbe interactions at the interface of effective aquaculture strategies. <i>FEMS Microbiology Reviews</i> , 2021, 45, .	3.9	14
1174	Prebiotic effect on mood in obese patients is determined by the initial gut microbiota composition: A randomized, controlled trial. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 289-298.	2.0	35
1175	The First Insights on Trans-Galactooligosaccharide Effects on Fatty Acids Profile and Microstructure of Muscle in Common Carp. <i>Annals of Animal Science</i> , 2022, 22, 305-324.	0.6	2
1176	Circadian rhythms and the gut microbiome synchronize the host's metabolic response to diet. <i>Cell Metabolism</i> , 2021, 33, 873-887.	7.2	53
1177	Fructose derived oligosaccharides prevent lipid membrane destabilization and DNA conformational alterations during vacuum-drying of <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> . <i>Food Research International</i> , 2021, 143, 110235.	2.9	5
1178	Preferential growth stimulation of probiotic bacteria by galactan exopolysaccharide from <i>Weissella confusa</i> KR780676. <i>Food Research International</i> , 2021, 143, 110333.	2.9	22
1179	An Overview of Current Knowledge of the Gut Microbiota and Low-Calorie Sweeteners. <i>Nutrition Today</i> , 2021, 56, 105-113.	0.6	4
1180	Gut microbiome, prebiotics, intestinal permeability and diabetes complications. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101507.	2.2	63
1181	Green synthesis of isomaltulose from cane molasses by an immobilized recombinant <i>Escherichia coli</i> strain and its prebiotic activity. <i>LWT - Food Science and Technology</i> , 2021, 143, 111054.	2.5	7
1182	Probiotics, Photobiomodulation, and Disease Management: Controversies and Challenges. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4942.	1.8	31

#	ARTICLE	IF	CITATIONS
1183	Bioconversion of polyphenols and organic acids by gut microbiota of predigested Hibiscus sabdariffa L. calyces and Agave (A. tequilana Weber) fructans assessed in a dynamic in vitro model (TIM-2) of the human colon. Food Research International, 2021, 143, 110301.	2.9	12
1184	Effects of probiotics and synbiotics on diarrhea in undernourished children: Systematic review with meta-analysis. Clinical Nutrition, 2021, 40, 3158-3169.	2.3	19
1185	Manufacture and Prebiotic Potential of Xylooligosaccharides Derived From Eucalyptus nitens Wood. Frontiers in Chemical Engineering, 2021, 3, .	1.3	6
1186	Boza Mikrobiyotasın Fermentasyon Sürecindeki Değişimi. Kocatepe Veteriner Dergisi, 0, , .	0.2	2
1187	In vitro study of the effect of xylooligosaccharides obtained from banana pseudostem xylan by enzymatic hydrolysis on probiotic bacteria. Biocatalysis and Agricultural Biotechnology, 2021, 33, 101973.	1.5	35
1188	Partial characterization of novel inulin-like prebiotic fructooligosaccharides of <i>Sechium edule</i> (Jacq.) Sw. (Cucurbitaceae) tuberous roots. Journal of Food Biochemistry, 2021, 45, e13764.	1.2	5
1190	Infant-Associated Bifidobacterial $\beta$ -Galactosidases and Their Ability to Synthesize Galacto-Oligosaccharides. Frontiers in Microbiology, 2021, 12, 662959.	1.5	9
1191	Effect of potential prebiotics from selected fruits peel on the growth of probiotics. Journal of Food Processing and Preservation, 2021, 45, e15581.	0.9	7
1192	Inhibition of <i>Streptococcus mutans</i> biofilm formation by strategies targeting the metabolism of exopolysaccharides. Critical Reviews in Microbiology, 2021, 47, 667-677.	2.7	55
1194	Dietary fiber deficiency as a component of malnutrition associated with psychological alterations in alcohol use disorder. Clinical Nutrition, 2021, 40, 2673-2682.	2.3	11
1195	Current evidence on the therapeutic use of fiber in irritable bowel syndrome. Expert Review of Gastroenterology and Hepatology, 2021, , 1-12.	1.4	4
1196	Dietary Modification for the Restoration of Gut Microbiome and Management of Symptoms in Irritable Bowel Syndrome. American Journal of Lifestyle Medicine, 2022, 16, 608-621.	0.8	5
1197	Microbiota and Tuberculosis: A Potential Role of Probiotics, and Postbiotics. Frontiers in Nutrition, 2021, 8, 626254.	1.6	25
1198	Influence of Prebiotic Fructans on Retronasal Aroma from Elderly Individuals. Molecules, 2021, 26, 2906.	1.7	2
1199	A comprehensive review on the impact of $\beta$ -glucan metabolism by Bacteroides and Bifidobacterium species as members of the gut microbiota. International Journal of Biological Macromolecules, 2021, 181, 877-889.	3.6	40
1200	Potential benefits of high-added-value compounds from aquaculture and fish side streams on human gut microbiota. Trends in Food Science and Technology, 2021, 112, 484-494.	7.8	16
1201	Nonalcoholic Fatty Liver Disease (NAFLD) as Model of Gut-Liver Axis Interaction: From Pathophysiology to Potential Target of Treatment for Personalized Therapy. International Journal of Molecular Sciences, 2021, 22, 6485.	1.8	40
1202	Synbiotics, prebiotics and probiotics for solid organ transplant recipients. The Cochrane Library, 2021, 2021, .	1.5	1

#	ARTICLE	IF	CITATIONS
1203	In Vitro Fecal Fermentation Patterns of Arabinoxylan from Rice Bran on Fecal Microbiota from Normal-Weight and Overweight/Obese Subjects. <i>Nutrients</i> , 2021, 13, 2052.	1.7	10
1204	Probiotics: Food Supplement for Human Consumption. <i>Journal of Scientific Research and Reports</i> , 0, , 92-103.	0.2	0
1205	Candidate probiotic <i>Lactiplantibacillus plantarum</i> HNU082 rapidly and convergently evolves within human, mice, and zebrafish gut but differentially influences the resident microbiome. <i>Microbiome</i> , 2021, 9, 151.	4.9	30
1206	Variations on gut health and energy metabolism in pigs and humans by intake of different dietary fibers. <i>Food Science and Nutrition</i> , 2021, 9, 4639-4654.	1.5	15
1207	Applying probiotics and prebiotics in new delivery formats “is the clinical evidence transferable?”. <i>Trends in Food Science and Technology</i> , 2021, 112, 495-506.	7.8	36
1208	Positive influence of gut microbiota on the effects of Korean red ginseng in metabolic syndrome: a randomized, double-blind, placebo-controlled clinical trial. <i>EPMA Journal</i> , 2021, 12, 177-197.	3.3	15
1209	Impact of Phlorotannin Extracts from <i>Fucus vesiculosus</i> on Human Gut Microbiota. <i>Marine Drugs</i> , 2021, 19, 375.	2.2	28
1210	Coffee Consumption Modulates Amoxicillin-Induced Dysbiosis in the Murine Gut Microbiome. <i>Frontiers in Microbiology</i> , 2021, 12, 637282.	1.5	5
1211	The quality and inflammatory index of the diet of patients with migraine. <i>Nutritional Neuroscience</i> , 2022, 25, 2092-2099.	1.5	10
1212	Emerging prospects of macro- and microalgae as prebiotic. <i>Microbial Cell Factories</i> , 2021, 20, 112.	1.9	68
1213	Possible actions of inulin as prebiotic polysaccharide: A review. <i>Food Frontiers</i> , 2021, 2, 407-416.	3.7	35
1214	<i>Woodfordia fruticosa</i> extract supplementation stimulates the growth of <i>Lactocaseibacillus casei</i> and <i>Lactocaseibacillus rhamnosus</i> with adapted intracellular and extracellular metabolite pool. <i>Journal of Applied Microbiology</i> , 2021, 131, 2994-3007.	1.4	6
1215	The role of the microbiota-gut-brain axis in neuropsychiatric disorders. <i>Revista Brasileira De Psiquiatria</i> , 2021, 43, 293-305.	0.9	87
1216	Effect of prebiotics on growth and health of dairy calves: A protocol for a systematic review and meta-analysis. <i>PLoS ONE</i> , 2021, 16, e0253379.	1.1	5
1217	Case Report: Bowel Movements Care of Elderly Patients with Tube Feeding Living at Nursing Home. <i>The Japanese Journal of Nutrition and Dietetics</i> , 2021, 79, 151-161.	0.1	0
1218	Development of cellulose-based prebiotic fiber from banana peel by enzymatic hydrolysis. <i>Food Bioscience</i> , 2021, 41, 101083.	2.0	18
1219	Impact of the Gut Microbiota Balance on the Health“Disease Relationship: The Importance of Consuming Probiotics and Prebiotics. <i>Foods</i> , 2021, 10, 1261.	1.9	27
1220	Protective effect of inulin on thermally treated acerola juice: in vitro bioaccessibility of bioactive compounds. <i>Food Bioscience</i> , 2021, 41, 101018.	2.0	8

#	ARTICLE	IF	CITATIONS
1221	Polyphenol-Mediated Gut Microbiota Modulation: Toward Prebiotics and Further. <i>Frontiers in Nutrition</i> , 2021, 8, 689456.	1.6	159
1222	The place of probiotics in the treatment of non-alcoholic fatty liver disease. <i>Modern Gastroenterology</i> , 2021, , .	0.1	0
1223	Dairy products with prebiotics: An overview of the health benefits, technological and sensory properties. <i>International Dairy Journal</i> , 2021, 117, 105009.	1.5	36
1224	FOS/GOS attenuates high-fat diet induced bone loss via reversing microbiota dysbiosis, high intestinal permeability and systemic inflammation in mice. <i>Metabolism: Clinical and Experimental</i> , 2021, 119, 154767.	1.5	47
1225	Effect of milk kind on the physicochemical and sensorial properties of synbiotic kefir containing <i>Lactobacillus acidophilus</i> LA-5 and <i>Bifidobacterium bifidum</i> BB-11 accompanied with inulin. <i>Food Science and Technology</i> , 0, , .	0.8	3
1226	In vitro evaluation of probiotic bacteria and yeast growth, pH changes and metabolites produced in a pure culture system using protein base products with various added carbon sources. <i>Food Science and Technology</i> , 0, , .	0.8	1
1227	Intestinal Microbiota in Common Chronic Inflammatory Disorders Affecting Children. <i>Frontiers in Immunology</i> , 2021, 12, 642166.	2.2	15
1228	Prebiotic Food Intake May Improve Bone Resorption in Japanese Female Athletes: A Pilot Study. <i>Sports</i> , 2021, 9, 82.	0.7	5
1229	Influence of <i>Lactobacillus paracasei</i> H101 Supplementation on Glycemia and Inflammatory Biomarkers in Type 2 Diabetes: A Randomized Clinical Trial. <i>Foods</i> , 2021, 10, 1455.	1.9	32
1230	Role of Recent Therapeutic Applications and the Infection Strategies of Shiga Toxin-Producing <i>Escherichia coli</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 614963.	1.8	12
1231	Effect of supplemental prebiotics, probiotics and bioactive proteins on the microbiome composition and fecal calprotectin in C57BL6/j mice. <i>Biochimie</i> , 2021, 185, 43-52.	1.3	2
1232	Green Tea and Its Relation to Human Gut Microbiome. <i>Molecules</i> , 2021, 26, 3907.	1.7	42
1233	Study of Fermented Mealworm ( <i>Tenebrio molitor</i> L.) as a Novel Prebiotic for Intestinal Microbiota. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 543-550.	0.2	1
1234	Role of gut microbiome on immunotherapy efficacy in melanoma. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-6.	1.4	12
1235	Preventing Colorectal Cancer through Prebiotics. <i>Microorganisms</i> , 2021, 9, 1325.	1.6	24
1236	Bioengineering approaches to simulate human colon microbiome ecosystem. <i>Trends in Food Science and Technology</i> , 2021, 112, 808-822.	7.8	25
1237	The Interplay between Nutrition, Innate Immunity, and the Commensal Microbiota in Adaptive Intestinal Morphogenesis. <i>Nutrients</i> , 2021, 13, 2198.	1.7	16
1238	Probiotics, Prebiotics and Epithelial Tight Junctions: A Promising Approach to Modulate Intestinal Barrier Function. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6729.	1.8	71

#	ARTICLE	IF	CITATIONS
1239	Probiotics, Prebiotics, and Synbiotics: Implications and Beneficial Effects against Irritable Bowel Syndrome. <i>Nutrients</i> , 2021, 13, 2112.	1.7	80
1240	Co-Encapsulated Synbiotics and Immobilized Probiotics in Human Health and Gut Microbiota Modulation. <i>Foods</i> , 2021, 10, 1297.	1.9	29
1241	Recent innovations in the production of selected specialty (non-traditional) beers. <i>Folia Microbiologica</i> , 2021, 66, 525-541.	1.1	4
1242	Fortification of <i>Acidophilus-bifidus-thermophilus</i> (ABT) Fermented Milk with Heat-Treated Industrial Yeast Enhances Its Selected Properties. <i>Molecules</i> , 2021, 26, 3876.	1.7	8
1243	Oligosaccharide Metabolism and Lipoteichoic Acid Production in <i>Lactobacillus gasseri</i> and <i>Lactobacillus paragasseri</i> . <i>Microorganisms</i> , 2021, 9, 1590.	1.6	7
1244	Genome-wide association mapping of lentil ( <i>Lens culinaris</i> Medikus) prebiotic carbohydrates toward improved human health and crop stress tolerance. <i>Scientific Reports</i> , 2021, 11, 13926.	1.6	19
1245	Effects of digested flours from four different sweet potato ( <i>Ipomoea batatas</i> L.) root varieties on the composition and metabolic activity of human colonic microbiota in vitro. <i>Journal of Food Science</i> , 2021, 86, 3707-3719.	1.5	13
1246	Are Probiotics and Prebiotics Safe for Use during Pregnancy and Lactation? A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2021, 13, 2382.	1.7	20
1247	Comparison of the modulatory effects of three structurally similar potential prebiotic substrates on an in vitro multi-species oral biofilm. <i>Scientific Reports</i> , 2021, 11, 15033.	1.6	5
1248	Manipulation of Gut Microbiota Using Acacia Gum Polysaccharide. <i>ACS Omega</i> , 2021, 6, 17782-17797.	1.6	24
1249	Role of Postbiotics in Diabetes Mellitus: Current Knowledge and Future Perspectives. <i>Foods</i> , 2021, 10, 1590.	1.9	29
1250	Comparative Effect of 22 Dietary Sources of Fiber on Gut Microbiota of Healthy Humans in vitro. <i>Frontiers in Nutrition</i> , 2021, 8, 700571.	1.6	20
1251	Alteration of Gut Microbiota and Its Impact on Immune Response in Patients with Chronic HBV Infection: A Review. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 2571-2578.	1.1	13
1252	The PROMOTE study: targeting the gut microbiome with prebiotics to overcome age-related anabolic resistance: protocol for a double-blinded, randomised, placebo-controlled trial. <i>BMC Geriatrics</i> , 2021, 21, 407.	1.1	14
1253	Role of prebiotics in enhancing the function of next-generation probiotics in gut microbiota. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 1037-1054.	5.4	27
1254	Effect of prebiotics encapsulated with probiotics on encapsulation efficiency, microbead size, and survivability: a review. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4899-4916.	1.6	5
1255	The potential mechanistic insights and future implications for the effect of prebiotics on poultry performance, gut microbiome, and intestinal morphology. <i>Poultry Science</i> , 2021, 100, 101143.	1.5	63
1256	Probiotics for Mild Cognitive Impairment and Alzheimer's Disease: A Systematic Review and Meta-Analysis. <i>Foods</i> , 2021, 10, 1672.	1.9	33

#	ARTICLE	IF	CITATIONS
1257	Lactic Acid Bacteria Exopolysaccharides Producers: A Sustainable Tool for Functional Foods. <i>Foods</i> , 2021, 10, 1653.	1.9	62
1258	Probiotics, prebiotics and symbiotics attenuate chronic effects of passive smoking on physiological and biochemical parameters in rats: A randomized and controlled study. <i>Research, Society and Development</i> , 2021, 10, e26510817203.	0.0	0
1259	Nutrient, Fibre, and FODMAP Intakes and Food-related Quality of Life in Patients with Inflammatory Bowel Disease, and Their Relationship with Gastrointestinal Symptoms of Differing Aetiologies. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 2041-2053.	0.6	23
1260	Manuka Honey with Varying Levels of Active Manuka Factor (AMF) Ratings as an Anaerobic Fermentation Substrate for <i>Limosilactobacillus reuteri</i> DPC16. <i>Fermentation</i> , 2021, 7, 128.	1.4	3
1261	Probiotics, Prebiotics and Postbiotics on Mitigation of Depression Symptoms: Modulation of the Brain-Gut-Microbiome Axis. <i>Biomolecules</i> , 2021, 11, 1000.	1.8	70
1262	Low-Dose Lactulose as a Prebiotic for Improved Gut Health and Enhanced Mineral Absorption. <i>Frontiers in Nutrition</i> , 2021, 8, 672925.	1.6	32
1263	Nutritional Interventions and the Gut Microbiome in Children. <i>Annual Review of Nutrition</i> , 2021, 41, 479-510.	4.3	18
1264	Pre and Probiotics Involved in the Modulation of Oral Bacterial Species: New Therapeutic Leads in Mental Disorders?. <i>Microorganisms</i> , 2021, 9, 1450.	1.6	11
1265	Colonization Ability and Impact on Human Gut Microbiota of Foodborne Microbes From Traditional or Probiotic-Added Fermented Foods: A Systematic Review. <i>Frontiers in Nutrition</i> , 2021, 8, 689084.	1.6	30
1266	Synbiotic Therapy Prevents Nosocomial Infection in Critically Ill Adult Patients: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials Based on a Bayesian Framework. <i>Frontiers in Medicine</i> , 2021, 8, 693188.	1.2	10
1267	The nutritional impact of replacing dietary meat with meat alternatives in the UK: a modelling analysis using nationally representative data. <i>British Journal of Nutrition</i> , 2022, 127, 1731-1741.	1.2	20
1268	The Microbiome as a Potential Target for Therapeutic Manipulation in Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 3779.	1.7	16
1269	Cardiovascular Diseases of Developmental Origins: Preventive Aspects of Gut Microbiota-Targeted Therapy. <i>Nutrients</i> , 2021, 13, 2290.	1.7	33
1270	Health benefits of docosahexaenoic acid and its bioavailability: A review. <i>Food Science and Nutrition</i> , 2021, 9, 5229-5243.	1.5	55
1271	Dietary interventions for better management of osteoporosis: An overview. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 125-144.	5.4	12
1272	Antidiabetic potential of dietary polyphenols: A mechanistic review. <i>Food Research International</i> , 2021, 145, 110383.	2.9	41
1273	Microbial Blends: Terminology Overview and Introduction of the Neologism "Skopobiota". <i>Frontiers in Microbiology</i> , 2021, 12, 659592.	1.5	4
1274	2-FL and LNnT Exert Antipathogenic Effects against <i>C. difficile</i> ATCC 9689 In Vitro, Coinciding with Increased Levels of Bifidobacteriaceae and/or Secondary Bile Acids. <i>Pathogens</i> , 2021, 10, 927.	1.2	11

#	ARTICLE	IF	CITATIONS
1275	Response to Commentary. Journal of the American College of Nutrition, 2021, 40, 483-484.	1.1	0
1276	Development of a prebiotic blend to influence <i>in vitro</i> fermentation effects, with a focus on propionate, in the gut. FEMS Microbiology Ecology, 2021, 97, .	1.3	7
1277	The Administration of Probiotics against Hypercholesterolemia: A Systematic Review. Applied Sciences (Switzerland), 2021, 11, 6913.	1.3	9
1278	Seaweed Supplementation Failed to Affect Fecal Microbiota and Metabolome as Well as Fecal IgA and Apparent Nutrient Digestibility in Adult Dogs. Animals, 2021, 11, 2234.	1.0	6
1279	Effects of probiotics, prebiotics, and synbiotics on polycystic ovary syndrome: a systematic review and meta-analysis. Critical Reviews in Food Science and Nutrition, 2023, 63, 522-538.	5.4	17
1280	The potential of inulin in therapeutic practice. L'ki Ukraïni, 2021, , 12-16.	0.0	0
1281	Recent advance in infant nutrition: Human milk oligosaccharides. Pediatrics and Neonatology, 2021, 62, 347-353.	0.3	32
1282	Inovatif Gastroentero-Dermatoloji Kapsamında Muhtelif Yaşantem Geliştirme I: Lactobacillus plantarum ve Lactobacillus paracasei ile Probiyotik Enemas Atopik Dermatitli Kışpeklerde Anti-Pruritik Etkinlik Sağlar Mı?. Van Veterinary Journal, 0, , .	0.3	1
1283	Prebiotics and alternative poultry production. Poultry Science, 2021, 100, 101174.	1.5	15
1284	Bioactive Compounds in Food as a Current Therapeutic Approach to Maintain a Healthy Intestinal Epithelium. Microorganisms, 2021, 9, 1634.	1.6	17
1285	Valorisation of walnut shell and pea pod as novel sources for the production of xylooligosaccharides. Carbohydrate Polymers, 2021, 263, 117932.	5.1	19
1286	The Athlete and Gut Microbiome: Short-chain Fatty Acids as Potential Ergogenic Aids for Exercise and Training. International Journal of Sports Medicine, 2021, 42, 1143-1158.	0.8	13
1287	Can sucrose-substitutes increase the antagonistic activity against foodborne pathogens, and improve the technological and functional properties of sheep milk kefir?. Food Chemistry, 2021, 351, 129290.	4.2	10
1288	Carbohydrates: Separating fact from fiction. Atherosclerosis, 2021, 328, 114-123.	0.4	7
1289	Involvement of Probiotics and Postbiotics in the Immune System Modulation. Biologics, 2021, 1, 89-110.	2.3	72
1290	Microbiome therapeutics for hepatic encephalopathy. Journal of Hepatology, 2021, 75, 1452-1464.	1.8	37
1291	Benefits of Polyphenols and Methylxanthines from Cocoa Beans on Dietary Metabolic Disorders. Foods, 2021, 10, 2049.	1.9	9
1292	Evaluation of prebiotic manooligosaccharides obtained from spent coffee grounds for nutraceutical application. LWT - Food Science and Technology, 2021, 148, 111717.	2.5	18



#	ARTICLE	IF	CITATIONS
1293	Malnutrition and Gut Microbiota in Children. <i>Nutrients</i> , 2021, 13, 2727.	1.7	59
1294	Encapsulation of fruit peel proanthocyanidins in biopolymer microgels: Relationship between structural characteristics and encapsulation/release properties. <i>Food Hydrocolloids</i> , 2021, 117, 106693.	5.6	10
1295	The Role of Oxidative Stress and Inflammation in Cardiometabolic Health of Children During Cancer Treatment and Potential Impact of Key Nutrients. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 293-318.	2.5	1
1296	Polyphenols as modulators of pre-established gut microbiota dysbiosis: State-of-the-art. <i>BioFactors</i> , 2022, 48, 255-273.	2.6	23
1297	Lean and obese microbiota: differences in in vitro fermentation of food-by-products. <i>Beneficial Microbes</i> , 2021, 12, 397-411.	1.0	4
1298	Microbiota intestinal y salud. <i>GastroenterologÃa Y HepatologÃa</i> , 2021, 44, 519-535.	0.2	21
1299	Gut Microbiome and Common Variable Immunodeficiency: Few Certainties and Many Outstanding Questions. <i>Frontiers in Immunology</i> , 2021, 12, 712915.	2.2	26
1300	Production of grape pomace extracts with enhanced antioxidant and prebiotic activities through solid-state fermentation by <i>Aspergillus niger</i> and <i>Aspergillus oryzae</i> . <i>Food Bioscience</i> , 2021, 42, 101168.	2.0	30
1301	Prospective evaluation of probiotic and prebiotic supplementation on diabetic health associated with gut microbiota. <i>Food Bioscience</i> , 2021, 42, 101149.	2.0	6
1302	Obesity as the 21st Century's major disease: The role of probiotics and prebiotics in prevention and treatment. <i>Food Bioscience</i> , 2021, 42, 101115.	2.0	16
1303	Potential roles of gut microbiota and microbial metabolites in Parkinson's disease. <i>Ageing Research Reviews</i> , 2021, 69, 101347.	5.0	40
1304	Yogurt fortified with vitamins and probiotics impacts the frequency of upper respiratory tract infections but not gut microbiome: A multicenter double-blind placebo controlled randomized study. <i>Journal of Functional Foods</i> , 2021, 83, 104572.	1.6	6
1305	Neuroprotective Potential of Non-Digestible Oligosaccharides: An Overview of Experimental Evidence. <i>Frontiers in Pharmacology</i> , 2021, 12, 712531.	1.6	10
1306	Prebiotic fructans have greater impact on luminal microbiology and CD3+ T cells in healthy siblings than patients with Crohn's disease: A pilot study investigating the potential for primary prevention of inflammatory bowel disease. <i>Clinical Nutrition</i> , 2021, 40, 5009-5019.	2.3	12
1307	Health effects and probiotic and prebiotic potential of Kombucha: A bibliometric and systematic review. <i>Food Bioscience</i> , 2021, 44, 101332.	2.0	33
1308	Nonfood Prebiotic, Probiotic, and Synbiotic Use Has Increased in US Adults and Children From 1999 to 2018. <i>Gastroenterology</i> , 2021, 161, 476-486.e3.	0.6	23
1309	The gut microbiome-immune axis as a target for nutrition-mediated modulation of food allergy. <i>Trends in Food Science and Technology</i> , 2021, 114, 116-132.	7.8	42
1310	Effects of ID-HWS1000 on the Perception of Bowel Activity and Microbiome in Subjects with Functional Constipation: A Randomized, Double-Blind Placebo-Controlled Study. <i>Journal of Medicinal Food</i> , 2021, 24, 883-893.	0.8	10

#	ARTICLE	IF	CITATIONS
1311	Prebiotic, Probiotic, and Synbiotic Consumption Alter Behavioral Variables and Intestinal Permeability and Microbiota in BTBR Mice. <i>Microorganisms</i> , 2021, 9, 1833.	1.6	17
1312	Production of a synbiotic composed of galacto-oligosaccharides and <i>Saccharomyces boulardii</i> using enzymatic-fermentative method. <i>Food Chemistry</i> , 2021, 353, 129486.	4.2	11
1313	Investigation of phytochemical composition and metabolite profiling in vivo of <i>Beta vulgaris</i> L.. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9172.	0.7	1
1314	Molecular identification and in vitro evaluation of probiotic functional properties of some Egyptian lactic acid bacteria and yeasts. <i>Journal of Genetic Engineering and Biotechnology</i> , 2021, 19, 114.	1.5	3
1315	Potentially synbiotic fermented beverages processed with water-soluble extract of Baru almond. <i>Food Bioscience</i> , 2021, 42, 101200.	2.0	10
1316	Gut microbes and health. <i>Gastroenterology &amp; Hepatology (English Edition)</i> , 2021, 44, 519-535.	0.0	8
1317	Microbiota-targeted therapeutics in gastrointestinal diseases. <i>World Chinese Journal of Digestology</i> , 2021, 29, 841-848.	0.0	0
1318	The promise of the gut microbiome as part of individualized treatment strategies. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2022, 19, 7-25.	8.2	60
1319	Production of bimodal molecular weight levan by <i>Lactobacillus reuteri</i> isolate from fish gut. <i>Folia Microbiologica</i> , 2022, 67, 21-31.	1.1	11
1320	Probiotics, Prebiotics, and Synbiotics in the Irritable Bowel Syndrome Treatment: A Review. <i>Biomolecules</i> , 2021, 11, 1154.	1.8	17
1321	Cardiorenal Syndrome. <i>Cardiology Clinics</i> , 2021, 39, 455-469.	0.9	9
1322	Valorisation of sweet whey by fermentation with mixed yoghurt starter cultures with focus on galactooligosaccharide synthesis. <i>International Dairy Journal</i> , 2021, 119, 105068.	1.5	7
1323	Influence of gut microbiome on the human physiology. <i>Systems Microbiology and Biomanufacturing</i> , 2022, 2, 217-231.	1.5	4
1324	Prebiotic Dietary Fibers for Weight Management. , 0, , .		0
1325	Modulation of growth, innate immunity, and disease resistance of Nile tilapia ( <i>Oreochromis niloticus</i> ) culture under biofloc system by supplementing pineapple peel powder and <i>Lactobacillus plantarum</i> . <i>Fish and Shellfish Immunology</i> , 2021, 115, 212-220.	1.6	26
1326	Recent applications of grapes and their derivatives in dairy products. <i>Trends in Food Science and Technology</i> , 2021, 114, 696-711.	7.8	31
1327	Understanding the physiology of human defaecation and disorders of continence and evacuation. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 751-769.	8.2	68
1328	Shaping the Future of Probiotics and Prebiotics. <i>Trends in Microbiology</i> , 2021, 29, 667-685.	3.5	270

#	ARTICLE	IF	CITATIONS
1329	Aquaculture industry prospective from gut microbiome of fish and shellfish: An overview. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, 106, 441-469.	1.0	58
1330	Vitamin C Supplementation in Healthy Individuals Leads to Shifts of Bacterial Populations in the Gut—A Pilot Study. <i>Antioxidants</i> , 2021, 10, 1278.	2.2	35
1332	Intervention with inulin prior to and during sanative therapy to further support periodontal health: study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 527.	0.7	1
1333	Synergies of Systems Biology and Synthetic Biology in Human Microbiome Studies. <i>Frontiers in Microbiology</i> , 2021, 12, 681982.	1.5	8
1334	Single-Stage Fractionation of Vine Shoots Using Microwave Heating. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7954.	1.3	3
1335	Effects of a Postbiotic and Prebiotic Mixture on Suckling Rats' Microbiota and Immunity. <i>Nutrients</i> , 2021, 13, 2975.	1.7	14
1336	Simple Energy Balance or Microbiome for Childhood Obesity Prevention?. <i>Nutrients</i> , 2021, 13, 2730.	1.7	3
1337	In vitro Colon Fermentation of Soluble Arabinoxylan Is Modified Through Milling and Extrusion. <i>Frontiers in Nutrition</i> , 2021, 8, 707763.	1.6	10
1338	Fermentability of select polyphenol-rich substrates in the canine faecal inoculum and their interaction with a canine-origin probiotic: an in vitro appraisal. <i>Journal of the Science of Food and Agriculture</i> , 2021, , .	1.7	0
1339	Prebiotics to prevent necrotising enterocolitis in very preterm or very low birth weight infants. <i>The Cochrane Library</i> , 2021, 2021, .	1.5	2
1340	Skin Microbiome—The Next Frontier for Probiotic Intervention. <i>Probiotics and Antimicrobial Proteins</i> , 2021, , 1.	1.9	20
1341	Cashew apple juice containing gluco-oligosaccharides, dextran, and tagatose promotes probiotic microbial growth. <i>Food Bioscience</i> , 2021, 42, 101080.	2.0	11
1342	Roles of $\alpha$ -synuclein in gastrointestinal microbiome dysbiosis-related Parkinson's disease progression (Review). <i>Molecular Medicine Reports</i> , 2021, 24, .	1.1	19
1343	Adjuvant Effect of Orally Applied Preparations Containing Non-Digestible Polysaccharides on Influenza Vaccination in Healthy Seniors: A Double-Blind, Randomised, Controlled Pilot Trial. <i>Nutrients</i> , 2021, 13, 2683.	1.7	9
1344	Nutritional, physicochemical and sensorial acceptance of functional cookies enriched with xiquexique ( <i>Pilosocereus gounellei</i> ) flour. <i>PLoS ONE</i> , 2021, 16, e0255287.	1.1	5
1345	Complex Bioactive Supplements for Aquaculture—Evolutionary Development of Probiotic Concepts. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 1696-1708.	1.9	22
1346	Effects of prebiotics on postprandial GLP-1, GLP-2 and glucose regulation in patients with type 2 diabetes: A randomised, double-blind, placebo-controlled crossover trial. <i>Diabetic Medicine</i> , 2021, 38, e14657.	1.2	8
1347	Gut microbiota: a target for intervention in obesity. <i>Expert Review of Gastroenterology and Hepatology</i> , 2021, 15, 1169-1179.	1.4	11

#	ARTICLE	IF	CITATIONS
1348	Fiber-Rich Barley Increases Butyric Acid-Producing Bacteria in the Human Gut Microbiota. <i>Metabolites</i> , 2021, 11, 559.	1.3	13
1349	The perinatal use of probiotics, prebiotics, and synbiotics for the primary prevention of allergic diseases in children: A systematic review. <i>Human Nutrition and Metabolism</i> , 2021, 25, 200125.	0.8	3
1350	The Dietary Fiber Pectin: Health Benefits and Potential for the Treatment of Allergies by Modulation of Gut Microbiota. <i>Current Allergy and Asthma Reports</i> , 2021, 21, 43.	2.4	57
1351	Effect of Dietary Inulin Supplementation on the Gut Microbiota Composition and Derived Metabolites of Individuals Undergoing Hemodialysis: A Pilot Study. , 2021, 31, 512-522.		29
1352	Dietary fibers as beneficial microbiota modulators: A proposed classification by prebiotic categories. <i>Nutrition</i> , 2021, 89, 111217.	1.1	74
1353	Brewerâ€™s Spent Grain Enhanced the Recovery of Potential Probiotic Strains in Fermented Milk After Exposure to In Vitro-Simulated Gastrointestinal Conditions. <i>Probiotics and Antimicrobial Proteins</i> , 2023, 15, 326-337.	1.9	3
1354	Fonksiyonel GÄ±da BileÅŸenlerinin Tespit Edilmesinde EnstrÅ¼mental Analiz Tekniklerinin Å–nemi. <i>European Journal of Science and Technology</i> , 0, , .	0.5	0
1355	Inulin-type prebiotics reduce serum uric acid levels via gut microbiota modulation: a randomized, controlled crossover trial in peritoneal dialysis patients. <i>European Journal of Nutrition</i> , 2022, 61, 665-677.	1.8	15
1356	The Prebiotic Potential of Inulin-Type Fructans: A Systematic Review. <i>Advances in Nutrition</i> , 2022, 13, 492-529.	2.9	56
1357	A randomized trial to evaluate the impact of copra meal hydrolysate on gastrointestinal symptoms and gut microbiome. <i>PeerJ</i> , 2021, 9, e12158.	0.9	9
1358	A Pectin-Rich, Baobab Fruit Pulp Powder Exerts Prebiotic Potential on the Human Gut Microbiome In Vitro. <i>Microorganisms</i> , 2021, 9, 1981.	1.6	10
1359	Inulin as a functional ingredient and their applications in meat products. <i>Carbohydrate Polymers</i> , 2022, 275, 118706.	5.1	42
1360	Leveraging diet to engineer the gut microbiome. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 885-902.	8.2	86
1361	Pre-Weaning Inulin Supplementation Alters the Ileal Transcriptome in Pigs Regarding Lipid Metabolism. <i>Veterinary Sciences</i> , 2021, 8, 207.	0.6	4
1362	Effects of Probiotics, Prebiotics, and Synbiotics on Uremic Toxins, Inflammation, and Oxidative Stress in Hemodialysis Patients: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Clinical Medicine</i> , 2021, 10, 4456.	1.0	22
1363	Influence of Oat Î²-Glucan on the Survival and Proteolytic Activity of <i>Lactobacillus rhamnosus</i> GG in Milk Fermentation: Optimization by Response Surface. <i>Fermentation</i> , 2021, 7, 210.	1.4	4
1364	Dietary fibre and the gutâ€“brain axis: microbiota-dependent and independent mechanisms of action. <i>Gut Microbiome</i> , 2021, 2, .	0.8	12
1365	Dogsâ€™ Microbiome From Tip to Toe. <i>Topics in Companion Animal Medicine</i> , 2021, 45, 100584.	0.4	16

#	ARTICLE	IF	CITATIONS
1366	Roles of plant-based ingredients and phytonutrients in canine nutrition and health. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, 106, 586-613.	1.0	4
1367	Pro-Pre and Postbiotic in Celiac Disease. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8185.	1.3	11
1368	Prebiotic effect of porang oligo-glucomannan using fecal batch culture fermentation. <i>Food Science and Technology</i> , 0, 42, .	0.8	3
1369	Xylooligosaccharide Production with Low Xylose Release Using Crude Xylanase from <i>Aureobasidium pullulans</i> : Effect of the Enzymatic Hydrolysis Parameters. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 862-881.	1.4	11
1370	Novel fructooligosaccharides of <i>Dioscorea alata</i> L. tuber have prebiotic potentialities. <i>European Food Research and Technology</i> , 0, , 1.	1.6	4
1371	A blend of 3 mushrooms dose-dependently increases butyrate production by the gut microbiota. <i>Beneficial Microbes</i> , 2021, 12, 601-612.	1.0	9
1372	The Microbiome in Childhood Acute Lymphoblastic Leukemia. <i>Cancers</i> , 2021, 13, 4947.	1.7	17
1373	The Many Faces of <i>Enterococcus</i> spp. – Commensal, Probiotic and Opportunistic Pathogen. <i>Microorganisms</i> , 2021, 9, 1900.	1.6	113
1374	Bile Acid – Gut Microbiota Axis in Inflammatory Bowel Disease: From Bench to Bedside. <i>Nutrients</i> , 2021, 13, 3143.	1.7	67
1375	Targeting Gut – Liver Axis for Treatment of Liver Fibrosis and Portal Hypertension. <i>Livers</i> , 2021, 1, 147-179.	0.8	3
1376	Health-Promoting Properties of <i>Lactobacillus paracasei</i> : A Focus on Kefir Isolates and Exopolysaccharide-Producing Strains. <i>Foods</i> , 2021, 10, 2239.	1.9	25
1377	Genetic mechanisms of prebiotic carbohydrate metabolism in lactic acid bacteria: Emphasis on <i>Lactobacillus casei</i> and <i>Lactobacillus paracasei</i> as flexible, diverse and outstanding prebiotic carbohydrate starters. <i>Trends in Food Science and Technology</i> , 2021, 115, 486-499.	7.8	33
1378	Chronic Constipation: Is a Nutritional Approach Reasonable?. <i>Nutrients</i> , 2021, 13, 3386.	1.7	16
1379	Dietary inclusion of watermelon rind powder and <i>Lactobacillus plantarum</i> : Effects on Nile tilapia's growth, skin mucus and serum immunities, and disease resistance. <i>Fish and Shellfish Immunology</i> , 2021, 116, 107-114.	1.6	16
1380	Galacto-oligosaccharides as infant prebiotics: production, application, bioactive activities and future perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 753-766.	5.4	30
1381	The role of microbiota and enteroendocrine cells in maintaining homeostasis in the human digestive tract. <i>Advances in Medical Sciences</i> , 2021, 66, 284-292.	0.9	31
1382	Fiber intake and health in people with chronic kidney disease. <i>CKJ: Clinical Kidney Journal</i> , 2022, 15, 213-225.	1.4	31
1383	Gut Microbiota – Targeted Nutritional Interventions Improving Child Growth in Low- and Middle-Income Countries: A Systematic Review. <i>Current Developments in Nutrition</i> , 2021, 5, n2ab124.	0.1	4

#	ARTICLE	IF	CITATIONS
1384	Enhancement of oral bioavailability of natural compounds and probiotics by mucoadhesive tailored biopolymer-based nanoparticles: A review. <i>Food Hydrocolloids</i> , 2021, 118, 106772.	5.6	67
1385	In Vitro Study of Cricket Chitosan's Potential as a Prebiotic and a Promoter of Probiotic Microorganisms to Control Pathogenic Bacteria in the Human Gut. <i>Foods</i> , 2021, 10, 2310.	1.9	27
1386	Relevance of organ(s)-on-a-chip systems to the investigation of food-gut microbiota-host interactions. <i>Critical Reviews in Microbiology</i> , 2022, 48, 463-488.	2.7	20
1388	Healthy chocolate enriched with probiotics: a review. <i>Food Science and Technology</i> , 2021, 41, 531-543.	0.8	18
1389	Bioactive compounds and antioxidant activities in the agro-industrial residues of acerola ( <i>Malpighia</i> ) fruits assisted by ultrasonic or shaker extraction. <i>Food Research International</i> , 2021, 147, 110538.	2.9	24
1390	Interactions between dietary fibre and the gut microbiota. <i>Proceedings of the Nutrition Society</i> , 2021, 80, 398-408.	0.4	18
1391	A Cranberry Concentrate Decreases Adhesion and Invasion of <i>Escherichia coli</i> (AIEC) LF82 In Vitro. <i>Pathogens</i> , 2021, 10, 1217.	1.2	2
1392	Probiotics and Postbiotics from Food to Health: Antimicrobial Experimental Confirmation. , 0, , .		0
1393	Nonpharmacologic Treatment for Children with Functional Constipation: A Systematic Review and Meta-analysis. <i>Journal of Pediatrics</i> , 2022, 240, 136-149.e5.	0.9	36
1394	Synbiotic Intervention with an Adlay-Based Prebiotic and Probiotics Improved Diet-Induced Metabolic Disturbance in Mice by Modulation of the Gut Microbiota. <i>Nutrients</i> , 2021, 13, 3161.	1.7	15
1395	Linoleic Acid Triggered a Metabolomic Stress Condition in Three Species of <i>Bifidobacteria</i> Characterized by Different Conjugated Linoleic Acid-Producing Abilities. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11311-11321.	2.4	9
1396	Multifunctional Benefits of Prevalent HMOs: Implications for Infant Health. <i>Nutrients</i> , 2021, 13, 3364.	1.7	38
1397	Fostering next-generation probiotics in human gut by targeted dietary modulation: An emerging perspective. <i>Food Research International</i> , 2021, 150, 110716.	2.9	43
1398	Effects of crude <i>Sphallerocarpus gracilis</i> polysaccharides as potential prebiotics on acidifying activity and growth of probiotics in fermented milk. <i>LWT - Food Science and Technology</i> , 2021, 149, 111882.	2.5	8
1399	Similarities and differences of oligo/poly-saccharides' impact on human fecal microbiota identified by in vitro fermentation. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7475-7486.	1.7	8
1400	Fecal Microbiota Transplantation to Prevent and Treat Chronic Disease: Implications for Dietetics Practice. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, 122, 33-37.	0.4	2
1401	Crude extract from yellow yam ( <i>Dioscorea cayennensis</i> ) in <i>in-vitro</i> <i>Lactobacillus</i> spp. assessment, and as a growth promoter in tambaqui juveniles ( <i>Colossoma macropomum</i> ). <i>Journal of Applied Aquaculture</i> , 2023, 35, 448-472.	0.7	3
1402	Probiotic and prebiotic interventions for non-alcoholic fatty liver disease: a systematic review and network meta-analysis. <i>Beneficial Microbes</i> , 2021, 12, 517-529.	1.0	5

#	ARTICLE	IF	CITATIONS
1403	Metabolic Influences of Gut Microbiota Dysbiosis on Inflammatory Bowel Disease. <i>Frontiers in Physiology</i> , 2021, 12, 715506.	1.3	56
1404	Evaluating the addition of xylooligosaccharides into alginate-gelatin hydrogels. <i>Food Research International</i> , 2021, 147, 110516.	2.9	11
1405	Recent advances in the enzymatic production and applications of xylooligosaccharides. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 169.	1.7	29
1406	Identification of <i>Lactobacillus</i> Strains Capable of Fermenting Fructo-Oligosaccharides and Inulin. <i>Microorganisms</i> , 2021, 9, 2020.	1.6	11
1407	Probiotics, Prebiotics, and Synbiotics for the Prevention of Necrotizing Enterocolitis. <i>Frontiers in Nutrition</i> , 2021, 8, 667188.	1.6	26
1408	Interactions between dietary polyphenols and aging gut microbiota: A review. <i>BioFactors</i> , 2022, 48, 274-284.	2.6	24
1409	Hulless barley and $\beta$ -glucanase affect ileal digesta soluble beta-glucan molecular weight and digestive tract characteristics of coccidiosis-vaccinated broilers. <i>Animal Nutrition</i> , 2021, 7, 595-608.	2.1	5
1410	Metabolic syndrome and synbiotic targeting of the gut microbiome. <i>Current Opinion in Food Science</i> , 2021, 41, 60-69.	4.1	16
1411	Inulin extraction from common inulin-containing plant sources. <i>Industrial Crops and Products</i> , 2021, 170, 113726.	2.5	35
1412	Challenges of pectic polysaccharides as a prebiotic from the perspective of fermentation characteristics and anti-colitis activity. <i>Carbohydrate Polymers</i> , 2021, 270, 118377.	5.1	23
1413	Effects of oligofructose-enriched inulin addition before and after the extrusion process on the quality and postprandial glycemic response of corn-snacks. <i>Food Bioscience</i> , 2021, 43, 101263.	2.0	2
1414	Edible coatings and films with incorporation of prebiotics – A review. <i>Food Research International</i> , 2021, 148, 110629.	2.9	11
1415	Enhanced survival of probiotics in the electrosprayed microcapsule by addition of fish oil. <i>Journal of Food Engineering</i> , 2021, 307, 110650.	2.7	30
1416	Gut microbiota as a potential target for developing anti-fatigue foods. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3065-3080.	5.4	9
1417	<i>Ruminiclostridium 5</i> , <i>Parabacteroides distasonis</i> , and bile acid profile are modulated by prebiotic diet and associate with facilitated sleep/clock realignment after chronic disruption of rhythms. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 150-166.	2.0	34
1418	Intestine-liver crosstalk in Type 2 Diabetes and non-alcoholic fatty liver disease. <i>Metabolism: Clinical and Experimental</i> , 2021, 123, 154844.	1.5	20
1419	Effect of probiotic, prebiotic, and synbiotic on the gut microbiota of autistic children using an in vitro gut microbiome model. <i>Food Research International</i> , 2021, 149, 110657.	2.9	22
1420	Mannans and mannan oligosaccharides (MOS) from <i>Saccharomyces cerevisiae</i> – A sustainable source of functional ingredients. <i>Carbohydrate Polymers</i> , 2021, 272, 118467.	5.1	28

#	ARTICLE	IF	CITATIONS
1421	Î2-Mannanase BoMan26B from <i>Bacteroides ovatus</i> produces mannan-oligosaccharides with prebiotic potential from galactomannan and softwood Î2-mannans. <i>LWT - Food Science and Technology</i> , 2021, 151, 112215.	2.5	14
1422	Enzymatically synthesised fructooligosaccharides from sugarcane syrup modulate the composition and short-chain fatty acid production of the human intestinal microbiota. <i>Food Research International</i> , 2021, 149, 110677.	2.9	20
1423	Oligosaccharide-lactoferrin shell-crosslinked particles for selective targeting of proteins to probiotic bacteria in the colon. <i>Food Hydrocolloids</i> , 2021, 120, 106973.	5.6	17
1424	Polysaccharides confer benefits in immune regulation and multiple sclerosis by interacting with gut microbiota. <i>Food Research International</i> , 2021, 149, 110675.	2.9	48
1425	Techno-economic analysis of producing xylo-oligosaccharides and cellulose microfibrers from lignocellulosic biomass. <i>Bioresource Technology</i> , 2021, 340, 125726.	4.8	27
1426	Prebiotic potential and bioactive volatiles of hemp byproduct fermented by lactobacilli. <i>LWT - Food Science and Technology</i> , 2021, 151, 112201.	2.5	18
1427	Anti-obesity effects of <i>Lactobacillus rhamnosus</i> 4B15, and its synergy with hydrolysed lactose skim milk powder. <i>International Dairy Journal</i> , 2021, 123, 104997.	1.5	7
1428	Intestinal immunomodulatory activity of indigestible glucan in mice and its utilization by intestinal bacteria in vitro. <i>Journal of Functional Foods</i> , 2021, 87, 104759.	1.6	2
1429	Protective effects of long-term probiotic mixture supplementation against pentylenetetrazole-induced seizures, inflammation and oxidative stress in rats. <i>Journal of Nutritional Biochemistry</i> , 2021, 98, 108830.	1.9	20
1430	Production of xylooligosaccharides, bioethanol, and lignin from structural components of barley straw pretreated with a steam explosion. <i>Bioresource Technology</i> , 2021, 342, 125953.	4.8	23
1431	Glucuronosylated and linear xylooligosaccharides from Quinoa stalks xylan as potential prebiotic source for growth of <i>Bifidobacterium adolescentis</i> and <i>Weissella cibaria</i> . <i>LWT - Food Science and Technology</i> , 2021, 152, 112348.	2.5	11
1432	Exploring the potential of prebiotic and polyphenol-based dietary interventions for the alleviation of cognitive and gastrointestinal perturbations associated with military specific stressors. <i>Journal of Functional Foods</i> , 2021, 87, 104753.	1.6	2
1433	Berry polyphenols and human health: evidence of antioxidant, anti-inflammatory, microbiota modulation, and cell-protecting effects. <i>Current Opinion in Food Science</i> , 2021, 42, 167-186.	4.1	103
1434	Healthy food innovation in sustainable food system 4.0: integration of entrepreneurship, research, and education. <i>Current Opinion in Food Science</i> , 2021, 42, 215-223.	4.1	11
1435	Microbiome Augmented Therapeutic Interventions for a Healthy Oral System. , 2022, , 301-301.		0
1436	Bioaccessibility of bioactive compounds after in vitro gastrointestinal digestion and probiotics fermentation of Brazilian fruits residues with antioxidant and antidiabetic potential. <i>LWT - Food Science and Technology</i> , 2022, 153, 112469.	2.5	8
1437	Probiotics, Prebiotics and Skin. , 2022, , 488-496.		0
1438	Fatty Acids and Gut Microbiota. , 2022, , 256-256.		2



#	ARTICLE	IF	CITATIONS
1439	Probiotic Cultures in Cheese and Yogurt. , 2022, , 472-488.		1
1440	Influence of in vitro gastrointestinal digestion and probiotic fermentation on the bioaccessibility of gallic acid and on the antioxidant potential of Brazilian fruit residues. LWT - Food Science and Technology, 2022, 153, 112436.	2.5	4
1441	Fermented soy whey induced changes on intestinal microbiota and metabolic influence in mice. Food Science and Human Wellness, 2022, 11, 41-48.	2.2	3
1442	Probiotics: Application of Probiotics in Dairy Products: Established and Potential Benefits. , 2022, , 359-368.		1
1443	Microbiome Therapeutics: A Path Toward Sustainable Healthcare. , 2022, , 234-245.		0
1444	Gut Microbiota and A Gluten-Free Diet. , 2022, , 243-255.		0
1445	Paludibacter propionicigenes GH10 xylanase as a tool for enzymatic xylooligosaccharides production from heteroxylans. Carbohydrate Polymers, 2022, 275, 118684.	5.1	12
1447	Gut Bacterial Dysbiosis and Its Clinical Implications. , 2021, , 1-27.		0
1448	Inulin. , 2021, , 537-562.		5
1449	Mechanisms of Gut Microbiota Modulation by Food, Probiotics, Prebiotics and More. , 2021, , 84-84.		1
1450	Gut microbiota in antiviral strategy from bats to humans: a missing link in COVID-19. Science China Life Sciences, 2021, 64, 942-956.	2.3	17
1451	Metabolic Phenotypes as Potential Biomarkers for Linking Gut Microbiome With Inflammatory Bowel Diseases. Frontiers in Molecular Biosciences, 2020, 7, 603740.	1.6	8
1452	The role of the human gut microbiota in colonization and infection with multidrug-resistant bacteria. Gut Microbes, 2021, 13, 1-13.	4.3	16
1453	Analysis of carbohydrates and glycoconjugates in food by CE and HPLC. , 2021, , 815-842.		0
1454	Diet, Microbiota and the Gut-Brain Axis. , 2021, , .		4
1455	Preservation of Human Gut Microbiota Inoculum for In Vitro Fermentations Studies. Fermentation, 2021, 7, 14.	1.4	19
1456	Modulation of the microbiota-gut-brain axis by bioactive food, prebiotics, and probiotics decelerates the course of Alzheimer's disease. Studies in Natural Products Chemistry, 2021, , 51-86.	0.8	2
1457	Fermentation of <i>Pleurotus ostreatus</i> and <i>Ganoderma lucidum</i> mushrooms and their extracts by the gut microbiota of healthy and osteopenic women: potential prebiotic effect and impact of mushroom fermentation products on human osteoblasts. Food and Function, 2021, 12, 1529-1546.	2.1	19

#	ARTICLE	IF	CITATIONS
1458	Review on the potential application of non-phenolic compounds from native Latin American food byproducts in inflammatory bowel diseases. <i>Food Research International</i> , 2021, 139, 109796.	2.9	13
1459	Effects of dietary cellobiose on the intestinal microbiota and excretion of nitrogen metabolites in healthy adult dogs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021, 105, 569-578.	1.0	11
1460	Resistant starch, microbiome, and precision modulation. <i>Gut Microbes</i> , 2021, 13, 1926842.	4.3	53
1461	Xylanase modulates the microbiota of ileal mucosa and digesta of pigs fed corn-based arabinoxylans likely through both a stimbiotic and prebiotic mechanism. <i>PLoS ONE</i> , 2021, 16, e0246144.	1.1	17
1462	Maternal Exposure to Adversity: Impact on the Microbiota-Gut-Brain Axis, Inflammation and Offspring Psychiatric Outcomes. <i>Modern Trends in Psychiatry</i> , 2021, 32, 26-39.	2.1	1
1463	Maternal and Early-Life Factors Influence on Human Milk Composition and Infants' Gut Health. , 2021, , 185-185.		0
1464	Plant-based by-products. , 2021, , 367-397.		4
1465	Clinical data from postnatal interventions. , 2021, , 287-299.		0
1466	Microbes, human milk, and prebiotics. , 2021, , 197-237.		2
1467	Microbiomes in Medicine and Agriculture. <i>The Microbiomes of Humans, Animals, Plants, and the Environment</i> , 2021, , 353-412.	0.2	0
1468	Prebiotic frozen dessert processed with water-soluble extract of rice byproduct: Vegan and nonvegan consumers perception using preferred attribute elicitation methodology and acceptance. <i>Journal of Food Science</i> , 2021, 86, 523-530.	1.5	14
1469	Prebiotic supplementation effect on <i>Escherichia coli</i> and <i>Salmonella</i> species associated with experimentally induced intestinal coccidiosis in rabbits. <i>PeerJ</i> , 2021, 9, e10714.	0.9	7
1470	Probiotics and Prebiotics in Animal Feed. , 2021, , 233-261.		5
1471	Beer With Probiotics and Prebiotics. , 2021, , 179-199.		1
1472	Electric Technologies Applied to Probiotic and Prebiotic Food. , 2021, , 283-292.		0
1473	Nonbovine Milk Products as Probiotic and Prebiotic Food. , 2021, , 115-133.		4
1474	An enriched biosignature of gut microbiota-dependent metabolites characterizes maternal plasma in a mouse model of fetal alcohol spectrum disorder. <i>Scientific Reports</i> , 2021, 11, 248.	1.6	21
1475	Nutritional, biological, and therapeutic properties of black garlic: a critical review. <i>International Journal of Food Properties</i> , 2021, 24, 1387-1402.	1.3	13

#	ARTICLE	IF	CITATIONS
1476	Prebiotic properties of xylooligosaccharide extracted from sugarcane wastes (pith and rind): a comparative study. <i>International Journal of Food Science and Technology</i> , 2021, 56, 2175-2181.	1.3	9
1477	Microbiome Metabolic Potency Towards Plant Bioactives and Consequences for Health Effects. , 2020, , 447-456.		1
1478	Nanoprotobiotics: When Technology Meets Gut Health. <i>Nanotechnology in the Life Sciences</i> , 2020, , 389-425.	0.4	3
1479	Prebiotic effect of inulin-type fructans on faecal microbiota and short-chain fatty acids in type 2 diabetes: a randomised controlled trial. <i>European Journal of Nutrition</i> , 2020, 59, 3325-3338.	1.8	94
1480	Nutrition and the ageing brain: Moving towards clinical applications. <i>Ageing Research Reviews</i> , 2020, 62, 101079.	5.0	56
1481	Respiratory Bacterial Microbiota in Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2020, 36, 297-320.	0.5	36
1482	A review: Roles of carbohydrates in human diseases through regulation of imbalanced intestinal microbiota. <i>Journal of Functional Foods</i> , 2020, 74, 104197.	1.6	18
1483	Nourishing the gut microbiota: The potential of prebiotics in microbiota-gut-brain axis research. <i>Behavioral and Brain Sciences</i> , 2019, 42, .	0.4	3
1484	Selective Utilization of the Human Milk Oligosaccharides 2- <i>Fucosyllactose</i> , 3- <i>Fucosyllactose</i> , and <i>Difucosyllactose</i> by Various Probiotic and Pathogenic Bacteria. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 170-182.	2.4	73
1485	A review on bioactive compounds of beet ( <i>Beta vulgaris</i> L. subsp. <i>vulgaris</i> ) with special emphasis on their beneficial effects on gut microbiota and gastrointestinal health. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 2022-2033.	5.4	37
1486	The prebiotic effects of omega-3 fatty acid supplementation: A six-week randomised intervention trial. <i>Gut Microbes</i> , 2021, 13, 1-11.	4.3	63
1487	Polydextrose Exhibits Prebiotic Activity and Reduces Adiposity and Nonalcoholic Fatty Liver Disease in Rats Fed a High-Fat Diet. <i>Journal of Nutrition</i> , 2021, 151, 352-360.	1.3	6
1488	Galactooligosaccharide supplementation provides protection against <i>Citrobacter rodentium</i> -induced colitis without limiting pathogen burden. <i>Microbiology (United Kingdom)</i> , 2018, 164, 154-162.	0.7	20
1494	The gut microbiome: what every gastroenterologist needs to know. <i>Frontline Gastroenterology</i> , 2021, 12, 118-127.	0.9	16
1495	Microbial Peer Pressure. <i>Hypertension</i> , 2020, 76, 1674-1687.	1.3	77
1496	Microbiota modification in hematology: still at the bench or ready for the bedside?. <i>Hematology American Society of Hematology Education Program</i> , 2019, 2019, 303-314.	0.9	4
1497	Comparative prebiotic activity of mixtures of cereal grain polysaccharides. <i>AMB Express</i> , 2019, 9, 203.	1.4	25
1498	Recent advances in modulating the microbiome. <i>F1000Research</i> , 2020, 9, 46.	0.8	36

#	ARTICLE	IF	CITATIONS
1499	Histopathological study and intestinal mucous cell responses against <i>Aeromonas hydrophila</i> in Nile tilapia administered with <i>Lactobacillus rhamnosus</i> GG. <i>Veterinary World</i> , 2020, 13, 967-974.	0.7	11
1501	Effect of added prebiotic (Isomalto-oligosaccharide) and Coating of Beads on the Survival of Microencapsulated <i>Lactobacillus rhamnosus</i> GG. <i>Food Science and Technology</i> , 2019, 39, 601-609.	0.8	18
1502	Effect of yacon syrup on blood lipid, glucose and metabolic endotoxemia in healthy subjects: a randomized, double-blind, placebo-controlled pilot trial. <i>Food Science and Technology</i> , 2020, 40, 194-201.	0.8	6
1503	Efficacy of probiotics on cognition, and biomarkers of inflammation and oxidative stress in adults with Alzheimer's disease or mild cognitive impairment – a meta-analysis of randomized controlled trials. <i>Aging</i> , 2020, 12, 4010-4039.	1.4	115
1504	A narrative review of relationship between gut microbiota and neuropsychiatric disorders: mechanisms and clinical application of probiotics and prebiotics. <i>Annals of Palliative Medicine</i> , 2021, 10, 2304-2313.	0.5	30
1505	Prebiotic components of breast milk and the possibility of repeating their effects in infant formulas. <i>Rossiyskiy Vestnik Perinatologii i Peditrii</i> , 2019, 64, 37-49.	0.1	3
1506	The Effect of Prebiotic Products on Decreasing Adiposity Parameters in Overweight and Obese Individuals: A Systematic Review and Meta- Analysis. <i>Current Medicinal Chemistry</i> , 2020, 28, 419-431.	1.2	8
1507	Non-pharmacological Strategies Against Systemic Inflammation: Molecular Basis and Clinical Evidence. <i>Current Pharmaceutical Design</i> , 2020, 26, 2620-2629.	0.9	8
1508	Potential Impacts of Prebiotics and Probiotics on Cancer Prevention. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 605-628.	0.9	21
1509	Whole Grains, Dietary Fibers and the Human Gut Microbiota: A Systematic Review of Existing Literature. <i>Recent Patents on Food, Nutrition &amp; Agriculture</i> , 2020, 11, 235-248.	0.5	18
1510	Targeting the Infant Gut Microbiota Through a Perinatal Educational Dietary Intervention: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2019, 8, e14771.	0.5	11
1511	Modification of ileal proteome in growing pigs by dietary supplementation with inulin or dried chicory root. <i>Journal of Animal and Feed Sciences</i> , 2019, 28, 177-186.	0.4	6
1512	Neuroinflammation, Gut-Brain Axis and Depression. <i>Psychiatry Investigation</i> , 2020, 17, 2-8.	0.7	39
1513	Plant Glycan Metabolism by Bifidobacteria. <i>Frontiers in Microbiology</i> , 2021, 12, 609418.	1.5	40
1514	Sensory, Microbiological and Physicochemical Characterisation of Functional Manuka Honey Yogurts Containing Probiotic <i>Lactobacillus reuteri</i> DPC16. <i>Foods</i> , 2020, 9, 106.	1.9	24
1515	Regulation of the intestinal microbiota: An emerging therapeutic strategy for inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2020, 26, 4378-4393.	1.4	15
1517	Xylooligosaccharides (XOS) as Emerging Prebiotics: Its Production from Lignocellulosic Material. <i>Advances in Microbiology</i> , 2019, 09, 14-20.	0.3	30
1518	New Progress regarding the Use of Lactic Acid Bacteria as Live Delivery Vectors, Treatment of Diseases and Induction of Immune Responses in Different Host Species Focusing on <i>Lactobacillus</i> Species. <i>World Journal of Vaccines</i> , 2017, 07, 43-75.	0.8	3

#	ARTICLE	IF	CITATIONS
1519	Factors affecting the composition of the gut microbiota, and its modulation. PeerJ, 2019, 7, e7502.	0.9	360
1520	Citrus flavonoids, Î²-Glucan and organic acid feed additives decrease relative risk during <i>Yersinia ruckeri</i> O1 biotype 2 infection of rainbow trout ( <i>Oncorhynchus mykiss</i> ). PeerJ, 2020, 8, e8706.	0.9	5
1521	Synthetic dietary inulin, Fuji FF, delays development of diet-induced obesity by improving gut microbiota profiles and increasing short-chain fatty acid production. PeerJ, 2020, 8, e8893.	0.9	14
1522	Microbiome Diagnostics and Interventions in Health and Disease. , 2021, , 157-215.		1
1523	Microbial Therapeutics in Neurocognitive and Psychiatric Disorders. Journal of Clinical Medicine Research, 2021, 13, 439-459.	0.6	10
1524	The contrasting human gut microbiota in early and late life and implications for host health and disease. Nutrition and Healthy Aging, 2021, 6, 157-178.	0.5	5
1525	Progress in understanding of relationship between short chain fatty acids and irritable bowel syndrome. World Chinese Journal of Digestology, 2021, 29, 1102-1109.	0.0	2
1526	Vitamins, the gut microbiome and gastrointestinal health in humans. Nutrition Research, 2021, 95, 35-53.	1.3	81
1527	Microbial influence on reproduction, conversion, and growth of mass produced insects. Current Opinion in Insect Science, 2021, 48, 57-63.	2.2	16
1529	Bacterial metabolites and cardiovascular risk in children with chronic kidney disease. Molecular and Cellular Pediatrics, 2021, 8, 17.	1.0	3
1530	Vegetable waste and by-products to feed a healthy gut microbiota: Current evidence, machine learning and computational tools to design novel microbiome-targeted foods. Trends in Food Science and Technology, 2021, 118, 399-417.	7.8	21
1531	Lactobacillus plantarum TWK10 Attenuates Aging-Associated Muscle Weakness, Bone Loss, and Cognitive Impairment by Modulating the Gut Microbiome in Mice. Frontiers in Nutrition, 2021, 8, 708096.	1.6	22
1532	Synbiotic microcapsules using agavins and inulin as wall materials for <i>Lactobacillus casei</i> and <i>Bifidobacterium breve</i> : Viability, physicochemical properties, and resistance to in vitro oro-gastrointestinal transit. Journal of Food Processing and Preservation, 2021, 45, e16106.	0.9	2
1533	Consistent Prebiotic Effects of Carrot RG-I on the Gut Microbiota of Four Human Adult Donors in the SHIMEA® Model despite Baseline Individual Variability. Microorganisms, 2021, 9, 2142.	1.6	11
1534	Gut Reactions: How Far Are We from Understanding and Manipulating the Microbiota Complexity and the Interaction with Its Host? Lessons from Autism Spectrum Disorder Studies. Nutrients, 2021, 13, 3492.	1.7	6
1535	Metabolite and transcriptome analyses revealed the modulation of fructo-oligosaccharide on ileum metabolism of Taiping chickens. Journal of Applied Microbiology, 2022, 132, 2249-2261.	1.4	5
1536	Current and Future Perspectives on the Role of Probiotics, Prebiotics, and Synbiotics in Controlling Pathogenic Cronobacter Spp. in Infants. Frontiers in Microbiology, 2021, 12, 755083.	1.5	14
1537	Prebiotic Galactooligosaccharide Supplementation in Adults with Ulcerative Colitis: Exploring the Impact on Peripheral Blood Gene Expression, Gut Microbiota, and Clinical Symptoms. Nutrients, 2021, 13, 3598.	1.7	16

#	ARTICLE	IF	CITATIONS
1538	Probiotics and prebiotics: potential prevention and therapeutic target for nutritional management of COVID-19?. Nutrition Research Reviews, 2023, 36, 181-198.	2.1	21
1539	The role of gut microbiome in prevention, diagnosis and treatment of gestational diabetes mellitus. Journal of Obstetrics and Gynaecology, 2022, 42, 719-725.	0.4	5
1540	Prevention of recurrent respiratory infections. Italian Journal of Pediatrics, 2021, 47, 211.	1.0	32
1541	Multitunit In Vitro Colon Model for the Evaluation of Prebiotic Potential of a Fiber Plus D-Limonene Food Supplement. Foods, 2021, 10, 2371.	1.9	13
1542	Chondracanthus teedei var. lusitanicus: The Nutraceutical Potential of an Unexploited Marine Resource. Marine Drugs, 2021, 19, 570.	2.2	3
1543	Effects of Probiotics and Synbiotics on Weight Loss in Subjects with Overweight or Obesity: A Systematic Review. Nutrients, 2021, 13, 3627.	1.7	41
1544	An Intervention With Michigan-Grown Wheat in Healthy Adult Humans to Determine Effect on Gut Microbiota: Protocol for a Crossover Trial. JMIR Research Protocols, 2021, 10, e29046.	0.5	0
1545	Processing technologies for manufacturing tea beverages: From traditional to advanced hybrid processes. Trends in Food Science and Technology, 2021, 118, 431-446.	7.8	28
1546	Probiotics-Mediated Bioconversion and Periodontitis. Food Science of Animal Resources, 2021, 41, 905-922.	1.7	9
1547	Xylooligosaccharides: prebiotic potential from agro-industrial residue, production strategies and prospects. Biocatalysis and Agricultural Biotechnology, 2021, 37, 102190.	1.5	22
1548	Microbiome Crosstalk in Immunotherapy and Antiangiogenesis Therapy. Frontiers in Immunology, 2021, 12, 747914.	2.2	17
1549	Influence of Human Age on the Prebiotic Effect of Pectin-Derived Oligosaccharides Obtained from Apple Pomace. Fermentation, 2021, 7, 224.	1.4	6
1550	Gut microbiome in pediatric acute leukemia: from predisposition to cure. Blood Advances, 2021, 5, 4619-4629.	2.5	31
1551	To Other Planets With Upgraded Millennial Kombucha in Rhythms of Sustainability and Health Support. Frontiers in Astronomy and Space Sciences, 2021, 8, .	1.1	7
1552	Modifying the Gut Microbiome Through Diet: Effects on the Immune System of Elderly Subjects. , 2018, , 1-31.		1
1553	Application of Microbial Enzymes in Dairy Products: A Review. Basrah Journal of Agricultural Sciences, 2018, 31, 20-30.	0.2	4
1554	Role of prebiotics on the microbiote. Advances in Obesity Weight Management & Control, 2018, 8, .	0.4	0
1556	Psychological Impact of Probiotics and Fermented Foods on Mental Health of Human in Integrated Healthy Lifestyle. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 2815-2822.	0.0	4

#	ARTICLE	IF	CITATIONS
1557	Microbiota mitochondrial metabolism. <i>Advances in Obesity Weight Management &amp; Control</i> , 2018, 8, .	0.4	0
1558	New directions in the treatment of irritable bowel syndrome: focus on microbiosis. <i>Modern Gastroenterology</i> , 2018, .	0.1	1
1559	Immunopharmacology of Prebiotics and Probiotics. , 2019, , 545-559.		0
1560	Modifying the Gut Microbiome Through Diet: Effects on the Immune System of Elderly Subjects. , 2019, , 2575-2605.		0
1561	Exploring the Role of the Microbiome in Multiple Sclerosis. <i>US Neurology</i> , 2019, 15, 82.	0.2	1
1562	The gut and the heart: a concise narrative review. <i>Heart Vessels and Transplantation</i> , 0, 3, 102.	0.0	0
1563	DETERMINATION OF THE KNOWLEGE LEVEL AND CONSUMPTION OF PROBIOTIC, PREBIOTIC AND SINBIOTICALS ON HEALTHCARE PROFESIONAL. <i>Akademik Gastroenteroloji Dergisi</i> , 2019, 18, 67-72.	0.0	5
1564	The Effect of Fucoidan, Probiotic and Antibiotic on Growth Indices, Gut Microbiota and Blood Parameters in Broiler Chickens. <i>Research on Animal Production</i> , 2019, 10, 10-17.	0.2	0
1565	Genomics and Pharmacogenomics of Severe Childhood Asthma. , 2020, , 313-341.		0
1566	Whey/Broken Chickpea Extract for manufacture of Probiotic Frozen Yoghurt. <i>Current Research in Nutrition and Food Science</i> , 2019, 7, 807-818.	0.3	3
1567	Gut Microbiota and Antipsychotics Induced Metabolic Alteration. <i>Global Clinical and Translational Research</i> , 2019, , 131-143.	0.4	0
1568	Pro-/Anti-Inflammatory Food Supplements. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2020, , 142-168.	0.1	0
1569	Pilot Study of Probiotic Supplementation on Uremic Toxicity and Inflammatory Cytokines in Chronic Kidney Patients. <i>Current Nutrition and Food Science</i> , 2020, 16, 470-480.	0.3	0
1570	Postbiotics and their potential usage in the diet of young children. <i>ZdorovĚ Rebenka</i> , 2020, 15, 218-225.	0.0	0
1571	Effect of Feeding a Postbiotic Derived from <i>Saccharomyces cerevisiae</i> Fermentation as a Preharvest Food Safety Hurdle for Reducing <i>Salmonella</i> Enteritidis in the Ceca of Layer Pullets. <i>Journal of Food Protection</i> , 2021, 84, 275-280.	0.8	14
1572	Feeling gutted in chronic kidney disease (CKD): Gastrointestinal disorders and therapies to improve gastrointestinal health in individuals CKD, including those undergoing dialysis. <i>Seminars in Dialysis</i> , 2021, , .	0.7	7
1573	Intestinal Microbiota as a Contributor to Chronic Inflammation and Its Potential Modifications. <i>Nutrients</i> , 2021, 13, 3839.	1.7	27
1574	The rising dominance of microbiology: what to expect in the next 15 years?. <i>Microbial Biotechnology</i> , 2022, 15, 110-128.	2.0	10

#	ARTICLE	IF	CITATIONS
1575	DO PROBIOTICS HAVE ANY FUTURE IN NEONATOLOGY? (ANALYSIS OF THE LATEST DATA. PART I) T. K. Znamenska, O. V. Vorobiova. Neonatology Surgery and Perinatal Medicine, 2021, 11, 53-59.	0.0	0
1576	Seaweeds as a Fermentation Substrate: A Challenge for the Food Processing Industry. Processes, 2021, 9, 1953.	1.3	13
1577	Auricularia polytricha and Flammulina velutipes ameliorate inflammation and modulate the gut microbiota via regulation of NF- $\kappa$ B and Keap1/Nrf2 signaling pathways on DSS-induced inflammatory bowel disease. Food Bioscience, 2022, 47, 101426.	2.0	6
1578	Emerging Nitric Oxide and Hydrogen Sulfide Releasing Carriers for Skin Wound Healing Therapy. ChemMedChem, 2022, 17, .	1.6	24
1579	Early-Life Respiratory Infections in Infants with Cow's Milk Allergy: An Expert Opinion on the Available Evidence and Recommendations for Future Research. Nutrients, 2021, 13, 3795.	1.7	6
1580	Efficiency of Resistant Starch and Dextrins as Prebiotics: A Review of the Existing Evidence and Clinical Trials. Nutrients, 2021, 13, 3808.	1.7	26
1581	Functional relevance and health benefits of soymilk fermented by lactic acid bacteria. Journal of Applied Microbiology, 2022, 133, 104-119.	1.4	22
1582	Synbiotic ( <i>Lactiplantibacillus pentosus</i> GSSK2 and isomalto-oligosaccharides) supplementation modulates pathophysiology and gut dysbiosis in experimental metabolic syndrome. Scientific Reports, 2021, 11, 21397.	1.6	12
1583	Dietary Fiber and Gut Microbiota. Food Engineering Series, 2020, , 277-298.	0.3	6
1584	Probiotics Potential of Yeast and Lactic Acid Bacteria Fermented Foods and the Impact of Processing: A Review of Indigenous and Continental Food Products. Advances in Microbiology, 2020, 10, 492-507.	0.3	6
1585	Modulation of Anti-Microbial Resistant <i>Salmonella heidelberg</i> Using Synbiotics (Probiotics and Prebiotics) in Two <i>In-Vitro</i> Assays (Cross-Streaking and Agar Wells Diffusion). Open Journal of Applied Sciences, 2020, 10, 561-575.	0.2	1
1586	SUSU FERMENTASI DENGAN BIJI NANGKA SEBAGAI PREBIOTIK. Jurnal Teknologi Dan Industri Pangan, 2020, 31, 138-146.	0.1	0
1587	LACTOCOCCUS LACTIS STRAINS FROM INTESTINAL ORGAN OF BLACK TIPS SHARK <i>CARCHARHINUS LIMBATUS</i> PRODUCING NISIN-LIKE BACTERIOCIN ACTIVE AGAINST SHRIMP AND FISH PATHOGENS ( <i>VIBRIO</i> ) <i>TJ ET Qq0 0 0 rgBT/Overlock 10 Tf 50 2</i> Sciences, 2020, 10, 354-360.	0.4	2
1588	The gut microbiome and the kidney. , 2022, , 147-161.		1
1589	Fortification of yoghurt drink with microcapsules loaded with <i>Lactibacillus paracasei</i> BGP-1 and guaran seed extract. International Dairy Journal, 2022, 125, 105230.	1.5	14
1590	Biotech Green Approaches to Unravel the Potential of Residues into Valuable Products. Nanotechnology in the Life Sciences, 2020, , 97-150.	0.4	3
1591	Prebiotics and Probiotics in the Formulation of Infant Foods. , 2020, , 35-57.		1
1593	The Florajen Digestion Balance Patient Experience Study. Health, 2020, 12, 1468-1480.	0.1	0



#	ARTICLE	IF	CITATIONS
1594	Diet-microbiome interaction in colorectal cancer: a potentially discriminatory role for <i>Fusobacterium nucleatum</i> . , 2020, , 211-241.		0
1595	Influence of Antimicrobials on the Gut Microbiota. , 2020, , 53-79.		0
1596	Prebiotic prophylaxis of abdominal bloating in mechanically ventilated patients fed through nasogastric tubes: A randomised clinical trial. <i>Advances in Human Biology</i> , 2020, 10, 134.	0.1	0
1597	Immunonutrition and Supplementation: Pathways, Promise, and Pessimism. , 2020, , 261-283.		0
1598	The GUT-Immune System. , 2020, , 367-377.		1
1599	Sorvetes de chocolate simbiótico de baixa caloria: análise tempo-intensidade múltipla e estudo de preferência. <i>Brazilian Journal of Food Technology</i> , 0, 23, .	0.8	2
1600	The microbiome in preterm infants and implications in health. , 2020, , 67-93.		0
1601	Synbiotic effects for correction of the intestinal microbiota composition and functions. <i>Modern Gastroenterology</i> , 2020, .	0.1	0
1602	Probiotics/prebiotics have the potential to prevent the onset of allergy. Nihon Shoni Alerugi Gakkaishi the Japanese Journal of Pediatric Allergy and Clinical Immunology, 2020, 34, 147-152.	0.0	0
1603	Effects of anti-aging interventions on intestinal microbiota. <i>Gut Microbes</i> , 2021, 13, 1994835.	4.3	32
1604	Gut Microbiota: A Potential Target for Cancer Interventions. <i>Cancer Management and Research</i> , 2021, Volume 13, 8281-8296.	0.9	10
1605	Viability, Storage Stability and In Vitro Gastrointestinal Tolerance of <i>Lactiplantibacillus plantarum</i> Grown in Model Sugar Systems with Inulin and Fructooligosaccharide Supplementation. <i>Fermentation</i> , 2021, 7, 259.	1.4	5
1606	Bioprospecting Antimicrobials from <i>Lactiplantibacillus plantarum</i> : Key Factors Underlying Its Probiotic Action. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12076.	1.8	25
1607	Chromatographic preparation of food-grade prebiotic oligosaccharides with defined degree of polymerization. <i>Food Chemistry</i> , 2021, 373, 131542.	4.2	3
1608	Over-feeding the gut microbiome: A scoping review on health implications and therapeutic perspectives. <i>World Journal of Gastroenterology</i> , 2021, 27, 7041-7064.	1.4	10
1609	Preparation, characterization, and bioactivity evaluation of oligosaccharides from <i>Atractylodes lancea</i> (Thunb.) DC.. <i>Carbohydrate Polymers</i> , 2022, 277, 118854.	5.1	12
1610	Microbiota-targeted interventions for mental health. <i>Current Opinion in Psychiatry</i> , 2022, 35, 3-9.	3.1	22
1611	Potential of Inulin-Fructooligosaccharides Extract Produced from Red Onion ( <i>Allium cepa</i> var.) Tj ETQq1 1 0.784314 1.6 BT /Overlock 10		5

#	ARTICLE	IF	CITATIONS
1612	Dietary calcium phosphate strongly impacts gut microbiome changes elicited by inulin and galacto-oligosaccharides consumption. <i>Microbiome</i> , 2021, 9, 218.	4.9	32
1613	Manno-oligosaccharides from copra meal: Optimization of its enzymatic production and evaluation its potential as prebiotic. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2022, 27, 100292.	1.5	6
1614	New electrolyte beverages prepared by the citrus canning processing water through chemical improvement. <i>Food Chemistry: X</i> , 2021, 12, 100155.	1.8	4
1615	Probiotics in obstetric practice: efficacy and safety. <i>Gynecology</i> , 2020, 22, 11-14.	0.1	0
1616	Itâ€™s not a gut feeling â€“ fruit and vegetables do have prebiotic-like effects. <i>Acta Horticulturae</i> , 2020, , 337-344.	0.1	0
1617	Chapter 20: Prebiotics and Probiotics. , 2020, , .		0
1618	<p>Probiotics for Prosperity: Is There a Role for Probiotics in the Fight Against Obesity? Review of Meta-Analyses of Randomized Controlled Trials</p>. <i>Nutrition and Dietary Supplements</i> , 0, Volume 12, 255-265.	0.7	2
1619	Marine Algae Polysaccharides - a Promising Means of Pathogenetic Therapy of Infectious Diarrhea. <i>Antibiotiki I Khimioterapiya</i> , 2020, 65, 42-51.	0.1	1
1620	Probiotics and Their Potential Applications: An Introduction. <i>Microorganisms for Sustainability</i> , 2021, , 1-26.	0.4	4
1621	Impact of Prebiotics on Poultry Production and Food Safety. <i>Yale Journal of Biology and Medicine</i> , 2018, 91, 151-159.	0.2	41
1622	Nutritional Interventions to Prevent the Development of Atopic Diseases: A Focus on Cowâ€™s Milk Allergy. <i>Handbook of Experimental Pharmacology</i> , 2021, 268, 471-486.	0.9	1
1623	Nutrigenetics and nutrigenomicsâ€”A personalized approach to nutrition. <i>Advances in Genetics</i> , 2021, 108, 277-340.	0.8	5
1624	Ultrasonic enzyme-assisted extraction of comfrey ( <i>Symphytum officinale</i> L.) polysaccharides and their digestion and fermentation behaviors in vitro. <i>Process Biochemistry</i> , 2022, 112, 98-111.	1.8	13
1625	Probiotics: current regulatory aspects of probiotics for use in different disease conditions. , 2022, , 465-499.		1
1626	Fructooligosaccharides production and the health benefits of prebiotics. , 2022, , 109-138.		9
1627	The concept of probiotics, prebiotics, postbiotics, synbiotics, nutribiotics, and pharmabiotics. , 2022, , 1-11.		4
1628	The gut microbiota in retinal diseases. <i>Experimental Eye Research</i> , 2022, 214, 108867.	1.2	17
1629	Novel prebiotics and next-generation probiotics: opportunities and challenges. , 2022, , 431-457.		3

#	ARTICLE	IF	CITATIONS
1630	Role of nutraceuticals, functional foods, and spices in the management of metabolic syndrome and related disorders. , 2022, , 583-601.		5
1631	Encapsulation technologies applied to bioactive phenolic compounds and probiotics with potential application on chronic inflammation. , 2022, , 447-476.		1
1632	Prebiotics and probiotics. , 2022, , 55-118.		5
1633	Gut microbiota-derived short-chain fatty acids and colorectal cancer: Ready for clinical translation?. Cancer Letters, 2022, 526, 225-235.	3.2	87
1634	Effects of dietary xylooligosaccharide on growth, digestive enzymes activity, intestinal morphology, and the expression of inflammatory cytokines and tight junctions genes in triploid Oncorhynchus mykiss fed a low fishmeal diet. Aquaculture Reports, 2022, 22, 100941.	0.7	7
1635	Antioxidant activities and prebiotic properties of the tropical mushroom Macrocybe crassa. Bioactive Carbohydrates and Dietary Fibre, 2022, 27, 100298.	1.5	7
1636	Frontiers in antibiotic alternatives for <i>Clostridioides difficile</i> infection. World Journal of Gastroenterology, 2021, 27, 7210-7232.	1.4	5
1637	O efeito dos exopolissacarídeos obtidos a partir de bactérias ácido lácticas como prebiótico: uma revisão sistemática. Research, Society and Development, 2021, 10, e194101522547.	0.0	0
1638	The Exploitation of a Hempseed Byproduct to Produce Flavorings and Healthy Food Ingredients by a Fermentation Process. Microorganisms, 2021, 9, 2418.	1.6	5
1639	Effects of <i>Saccharomyces cerevisiae</i> cell wall addition on feed digestibility, fecal fermentation and microbiota and immunological parameters in adult cats. BMC Veterinary Research, 2021, 17, 351.	0.7	8
1640	The role of the gut microbiota in acute kidney injury: a new therapeutic candidate?. Kidney Research and Clinical Practice, 2021, 40, 505-507.	0.9	1
1641	Functional gastrointestinal disorders. Overlap syndrome Clinical guidelines of the Russian Scientific Medical Society of Internal Medicine and Gastroenterological Scientific Society of Russia. Eksperimental'naya i Klinicheskaya Gastroenterologiya, 2021, , 5-117.	0.1	15
1642	Coffee brews as food matrices for delivering probiotics: Opportunities, challenges, and potential health benefits. Trends in Food Science and Technology, 2022, 119, 227-242.	7.8	9
1643	Research Progress on the Role of Inflammatory Mechanisms in the Development of Postoperative Cognitive Dysfunction. BioMed Research International, 2021, 2021, 1-12.	0.9	26
1644	Soluble Dietary Fiber, One of the Most Important Nutrients for the Gut Microbiota. Molecules, 2021, 26, 6802.	1.7	81
1645	Term Infant Formulas Influencing Gut Microbiota: An Overview. Nutrients, 2021, 13, 4200.	1.7	22
1646	Kinetic Modeling of Xylooligosaccharides Production by Acid Hydrolysis of an Eucalyptus globulus Pulp Extract. Industrial & Engineering Chemistry Research, 2021, 60, 16911-16918.	1.8	1
1647	Probiotics and Their Various Forms Supporting Skin Health. , 2022, , 57-109.		0

#	ARTICLE	IF	CITATIONS
1648	Omega-3 PUFAs and gut microbiota: A preventive approach for colorectal cancer. Journal of Biological Research (Italy), 0, , .	0.0	0
1649	Therapeutic Advances in Gut Microbiome Modulation in Patients with Inflammatory Bowel Disease from Pediatrics to Adulthood. International Journal of Molecular Sciences, 2021, 22, 12506.	1.8	17
1650	Relationship Between Probiotics and Gut-Skin Axis in Skin Wound Healing: A Recent Update. , 2022, , 173-196.		1
1651	Screening of immune-enhancing Lactobacillus in mice by using a cell-line. Journal of Microbiological Methods, 2022, 192, 106380.	0.7	0
1652	Prebiotics in Pediatrics. , 2022, , 713-719.		2
1653	In Vivo Healthy Benefits of Galacto-Oligosaccharides from Lupinus albus (LA-GOS) in Butyrate Production through Intestinal Microbiota. Biomolecules, 2021, 11, 1658.	1.8	13
1654	Prebiotic and synbiotic effect on rumen papilla length development and rumen pH in 12-week-old calves. Veterinary World, 2021, 14, 2883-2888.	0.7	6
1655	Postbiotics. , 2022, , 733-736.		1
1657	Polydextrose with and without Bifidobacterium animalis ssp. lactis 420 drives the prevalence of Akkermansia and improves liver health in a multi-compartmental obesogenic mice study. PLoS ONE, 2021, 16, e0260765.	1.1	7
1658	Possible Benefits of Faecalibacterium prausnitzii for Obesity-Associated Gut Disorders. Frontiers in Pharmacology, 2021, 12, 740636.	1.6	57
1659	Microbe-based management for colorectal cancer. Chinese Medical Journal, 2021, Publish Ahead of Print, .	0.9	10
1660	In vitro Assessment of Chemical and Pre-biotic Properties of Carboxymethylated Polysaccharides From Passiflora edulis Peel, Xylan, and Citrus Pectin. Frontiers in Nutrition, 2021, 8, 778563.	1.6	8
1661	In vitro human fecal fermentation of agarooligosaccharides from Gracilaria fisheri. Bioactive Carbohydrates and Dietary Fibre, 2021, 27, 100299.	1.5	2
1662	Biogenic Action of <i>Lactobacillus plantarum</i> SBT2227 Promotes Sleep in <i>Drosophila melanogaster</i> . SSRN Electronic Journal, 0, , .	0.4	0
1664	Isolation, identification and potential probiotic characterization of lactic acid bacteria from Thai traditional fermented food. AIMS Microbiology, 2021, 7, 431-446.	1.0	12
1665	The Use of Prebiotic and Probiotic Interventions for Treating Gastrointestinal and Psychosocial Health Symptoms in Cancer Patients and Survivors: A Systematic Review. Integrative Cancer Therapies, 2021, 20, 153473542110617.	0.8	10
1666	The Gut Microbiota and Immunopathophysiology. , 2021, , .		0
1667	The Prebiotic Effect of Triple Biotic Technology on Skin Health. Journal of Cosmetics Dermatological Sciences and Applications, 2021, 11, 304-319.	0.1	2

#	ARTICLE	IF	CITATIONS
1669	Probiotics in Functional Foods: Survival Assessment and Approaches for Improved Viability. Applied Sciences (Switzerland), 2022, 12, 455.	1.3	25
1670	Prebiotic Supplementation During Gestation Induces a Tolerogenic Environment and a Protective Microbiota in Offspring Mitigating Food Allergy. Frontiers in Immunology, 2021, 12, 745535.	2.2	12
1671	Bacterial Gut Microbiota and Infections During Early Childhood. Frontiers in Microbiology, 2021, 12, 793050.	1.5	11
1672	Innovative Treatments Enhancing the Functionality of Gut Microbiota to Improve Quality and Microbiological Safety of Foods of Animal Origin. Annual Review of Food Science and Technology, 2022, 13, 433-461.	5.1	3
1673	Effects of prebiotics, probiotics, and synbiotics on the infant gut microbiota and other health outcomes: A systematic review. Critical Reviews in Food Science and Nutrition, 2023, 63, 5620-5642.	5.4	4
1674	Effect of dietary synbiotic supplementation on serum indoxyl sulfate in prevalent hemodialysis patients. The Egyptian Journal of Internal Medicine, 2022, 34, .	0.3	3
1675	Modulation of Gut Microbiota and Immune System by Probiotics, Pre-biotics, and Post-biotics. Frontiers in Nutrition, 2021, 8, 634897.	1.6	50
1676	A combination of <i>Vitreoscilla filiformis</i> extract and Vichy volcanic mineralizing water strengthens the skin defenses and skin barrier. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 16-25.	1.3	12
1677	Polyunsaturated Fatty Acids as Prebiotics: Innovation or Confirmation?. Foods, 2022, 11, 146.	1.9	9
1678	Lactobacillus acidophilus ameliorates obesity in mice through modulation of gut microbiota dysbiosis and intestinal permeability. Pharmacological Research, 2022, 175, 106020.	3.1	72
1679	The Impact of Pre- and Probiotic Product Combinations on Ex vivo Growth of Avian Pathogenic Escherichia coli and Salmonella Enteritidis. Microorganisms, 2022, 10, 121.	1.6	5
1680	Bound galloylated compounds in persimmon upcycled dietary fiber modulate microbial strains associated to human health after in vitro digestion. LWT - Food Science and Technology, 2022, 156, 113011.	2.5	4
1681	Agro-industrial by-products: Valuable sources of bioactive compounds. Food Research International, 2022, 152, 110871.	2.9	42
1682	Anti-obesity effects of galacto-oligosaccharides in obese rats. European Journal of Pharmacology, 2022, 917, 174728.	1.7	6
1683	Retention of bioactive compounds and bifidogenic activity of burdock roots subjected to different processes. International Journal of Gastronomy and Food Science, 2022, 27, 100448.	1.3	4
1684	Sucrose, maltodextrin and inulin efficacy as cryoprotectant, preservative and prebiotic " towards a freeze dried Lactobacillus plantarum topical probiotic. Biotechnology Reports (Amsterdam, Tj ETQq1 1 0.784314 mgBT /Overlock 10 TFS		
1685	Fructans from Agave enhance probiotic yoghurt by modulating gut microbiota on children with overweight or obesity. Food Bioscience, 2022, 46, 101516.	2.0	5
1686	Structure and fermentation characteristics of five polysaccharides sequentially extracted from sugar beet pulp by different methods. Food Hydrocolloids, 2022, 126, 107462.	5.6	52

#	ARTICLE	IF	CITATIONS
1687	History of development of the concept and definition for "Probiotics" and "Prebiotics" and their perspective for future consensus. Japanese Journal of Lactic Acid Bacteria, 2020, 31, 84-98.	0.1	0
1688	Prebióticos e probióticos na saúde e no tratamento de doenças intestinais: uma revisão integrativa. Research, Society and Development, 2020, 9, e6459109071.	0.0	2
1689	THE NEWEST INFANT NUTRITION CONCEPTS: POSTBIOTICS AND LONG-CHAIN POLYUNSATURATED FATTY ACIDS. Neonatology Surgery and Perinatal Medicine, 2020, 10, 99-106.	0.0	0
1690	Irritable bowel syndrome with constipation: possibilities of prebiotic therapy. Ukrainian Therapeutical Journal, 2020, .	0.0	0
1691	Abdominal pain models: mechanisms and therapies and experimental models. , 2020, 02, .		0
1692	Prebiotic effect of lactulose on ammonia emanating from human skin surface. Journal of Japan Association on Odor Environment, 2020, 51, 338-345.	0.1	1
1693	Microwave-Based Gluconic Acid-Catalyzed Extraction of Chitin-Glucan Extract from Industrial <i>Aspergillus Niger</i> Biomass with Functional Activities. SSRN Electronic Journal, 0, , .	0.4	0
1694	Residues of Cerrado Native Fruits, <i>Puããj</i> ( <i>Mouriri Elliptica</i> Mart.) and <i>Gabiropa</i> () Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Electronic Journal, 0, , .	0.4	0
1696	Research Article: Evaluation of feed efficiency, growth and biochemical parameters of rainbow trout ( <i>Oncorhynchus mykiss</i> ) juveniles fed with different levels of Alphamune prebiotic. Iranian Journal of Aquatic Animal Health, 2021, 7, 47-55.	0.6	0
1697	The Prebiotic Effects of Oats on Blood Lipids, Gut Microbiota, and Short-Chain Fatty Acids in Mildly Hypercholesterolemic Subjects Compared With Rice: A Randomized, Controlled Trial. Frontiers in Immunology, 2021, 12, 787797.	2.2	30
1698	Prebiotic activities of dextran from <i>Leuconostoc mesenteroides</i> SPCL742 analyzed in the aspect of the human gut microbial ecosystem. Food and Function, 2022, 13, 1256-1267.	2.1	15
1699	Statistical approaches to determine emotional drivers and improve the acceptability of prebiotic whey soursop beverage processed by ultrasound. Journal of Sensory Studies, 2022, 37, .	0.8	8
1700	Oligosaccharide production from preserved yuzu juice using <i>Lactobacillus sakei</i> NY 518 and its prebiotic function. Food Science and Technology, 0, 42, .	0.8	2
1701	The Metabolic Role and Therapeutic Potential of the Microbiome. Endocrine Reviews, 2022, 43, 907-926.	8.9	26
1702	Prebiotics and synbiotics. , 2022, , 19-37.		0
1703	Food biotechnology: Innovations and challenges. , 2022, , 697-719.		4
1704	What Do We Know about the Microbiome in Cystic Fibrosis? Is There a Role for Probiotics and Prebiotics?. Nutrients, 2022, 14, 480.	1.7	27
1705	Probiotics in dairy products: microencapsulation and delivery. , 2022, , 271-285.		2

#	ARTICLE	IF	CITATIONS
1706	Dietary supplementation with low-dose xylooligosaccharide promotes the anti-Salmonella activity of probiotic <i>Lactiplantibacillus plantarum</i> ZS2058 in a murine model. <i>Food Research International</i> , 2022, 151, 110858.	2.9	10
1707	Growth and survival of <i>Bifidobacterium breve</i> and <i>Bifidobacterium longum</i> in various sugar systems with fructooligosaccharide supplementation. <i>Journal of Food Science and Technology</i> , 2022, 59, 3775-3786.	1.4	9
1708	The microbiota-gut-brain axis: pathways to better brain health. Perspectives on what we know, what we need to investigate and how to put knowledge into practice. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 80.	2.4	60
1709	Can Nutrients and Dietary Supplements Potentially Improve Cognitive Performance Also in Esports?. <i>Healthcare (Switzerland)</i> , 2022, 10, 186.	1.0	17
1710	Oxidative Stress in the Pathogenesis of Aorta Diseases as a Source of Potential Biomarkers and Therapeutic Targets, with a Particular Focus on Ascending Aorta Aneurysms. <i>Antioxidants</i> , 2022, 11, 182.	2.2	7
1711	Development of the digestive system in early infancy and nutritional management of digestive problems in breastfed and formula-fed infants. <i>Food and Function</i> , 2022, 13, 1062-1077.	2.1	20
1712	Non-Antibiotics Strategies to Control Salmonella Infection in Poultry. <i>Animals</i> , 2022, 12, 102.	1.0	35
1713	Advances and New Perspectives in Prebiotic, Probiotic and Symbiotic Products for Food Nutrition and Feed. <i>Clean Energy Production Technologies</i> , 2022, , 311-336.	0.3	2
1714	Anti-diabetic and gut microbiota modulation effects of sacha inchi ( <i>Plukenetia volubilis</i> L.) leaf extract in streptozotocin-induced type 1 diabetic mice. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 4304-4312.	1.7	7
1715	Use of Physical Chemistry to Investigate Probiotic-Prebiotic Mixed Systems. <i>Current Physical Chemistry</i> , 2022, 12, .	0.1	0
1716	The Impact of Probiotics, Prebiotics, and Synbiotics during Pregnancy or Lactation on the Intestinal Microbiota of Children Born by Cesarean Section: A Systematic Review. <i>Nutrients</i> , 2022, 14, 341.	1.7	30
1717	Host Microbiomes in Tumor Precision Medicine: How far are we?. <i>Current Medicinal Chemistry</i> , 2022, 29, 3202-3230.	1.2	7
1718	The Association between Gut Microbiota and Osteoarthritis: Does the Disease Begin in the Gut?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1494.	1.8	16
1719	Indigestible fraction of guava fruit: Phenolic profile, colonic fermentation and effect on HT-29 cells. <i>Food Bioscience</i> , 2022, 46, 101566.	2.0	2
1721	Food-gut microbiota interactions. , 2022, , 233-256.		0
1722	Prospective applications of probiotics and prebiotics in foods. , 2022, , 209-231.		0
1723	Safety Evaluation of Goat Milk Added with the Prebiotic Inulin Fermented with the Potentially Probiotic Native Culture <i>Limosilactobacillus mucosae</i> CNPC007 in Co-culture with <i>Streptococcus thermophilus</i> QGE: Analysis of Acute and Repeated Dose Oral Toxicity. <i>Probiotics and Antimicrobial Proteins</i> , 2022, , 1.	1.9	0
1724	A narrative review of the role of gastrointestinal dysbiosis in the pathogenesis of polycystic ovary syndrome. <i>Obstetrics and Gynecology Science</i> , 2022, 65, 14-28.	0.6	19

#	ARTICLE	IF	CITATIONS
1725	Susuz lahana turÅYusundan izole edilen laktik asit bakterilerinin probiyotik potansiyeli. Biological Diversity and Conservation, 0, , .	0.3	0
1726	Gut Microbiome in Retina Health: The Crucial Role of the Gut-Retina Axis. Frontiers in Microbiology, 2021, 12, 726792.	1.5	25
1727	From by-product to functional food: the survival of <i>L. casei shirota</i>, <i>L. casei immunitas</i> and <i>L. acidophilus johnsonii</i>, during spray drying in orange juice using a maltodextrin/pectin mixture as carrier. Natural Product Research, 2022, 36, 6393-6400.	1.0	5
1729	Trends in lactose-derived bioactives: synthesis and purification. Systems Microbiology and Biomanufacturing, 2022, 2, 393-412.	1.5	9
1730	Gut Microbiota Metabolites in Major Depressive Disorderâ€”Deep Insights into Their Pathophysiological Role and Potential Translational Applications. Metabolites, 2022, 12, 50.	1.3	45
1731	Consumption of multi-fiber enriched yogurt is associated with increase of Bifidobacterium animalis and butyrate producing bacteria in human fecal microbiota. Journal of Functional Foods, 2022, 88, 104899.	1.6	7
1732	Enzyme technology for production of food ingredients and functional foods. , 2022, , 1-11.		1
1733	In situ enzymatic synthesis of prebiotics to improve food functionality. , 2022, , 253-267.		3
1735	Prebiotic Galacto-Oligosaccharides Impact Stool Frequency and Fecal Microbiota in Self-Reported Constipated Adults: A Randomized Clinical Trial. Nutrients, 2022, 14, 309.	1.7	8
1737	Dysbiosis and probiotic applications in autoimmune diseases. , 2022, , 269-294.		0
1738	Probiotics, prebiotics and synbiotics: Safe options for next-generation therapeutics. Applied Microbiology and Biotechnology, 2022, 106, 505-521.	1.7	90
1739	Advantages and disadvantages of nonâ€”starter lactic acid bacteria from traditional fermented foods: Potential use as starters or probiotics. Comprehensive Reviews in Food Science and Food Safety, 2022, 21, 1537-1567.	5.9	42
1740	Impact of Co-Delivery of EGCG and Tuna Oil within a Broccoli Matrix on Human Gut Microbiota, Phenolic Metabolites and Short Chain Fatty Acids In Vitro. Molecules, 2022, 27, 656.	1.7	2
1741	Intestinal gluconeogenesis shapes gut microbiota, fecal and urine metabolome in mice with gastric bypass surgery. Scientific Reports, 2022, 12, 1415.	1.6	4
1742	Microwave-assisted enzymatic hydrolysis to produce xylooligosaccharides from rice husk alkali-soluble arabinoxylan. Scientific Reports, 2022, 12, 11.	1.6	12
1743	An introduction to probiotics. , 2022, , 1-17.		1
1744	Probiotics in milk and dairy foods. , 2022, , 103-128.		3
1745	Awareness, Knowledge, and Interest about Prebioticsâ€”A Study among Romanian Consumers. International Journal of Environmental Research and Public Health, 2022, 19, 1208.	1.2	28



#	ARTICLE	IF	CITATIONS
1746	Consumerâ€™s acceptability and health consciousness of probiotic and prebiotic of non-dairy products. Food Research International, 2022, 151, 110842.	2.9	28
1747	Oligosaccharides from Lignocellulosic Biomass and Their Biological and Physicochemical Properties. Clean Energy Production Technologies, 2022, , 275-309.	0.3	7
1748	Nonpharmacological Treatment Strategies for the Management of Canine Chronic Inflammatory Enteropathyâ€”A Narrative Review. Veterinary Sciences, 2022, 9, 37.	0.6	9
1749	Gut Microbiota and Short Chain Fatty Acids: Implications in Glucose Homeostasis. International Journal of Molecular Sciences, 2022, 23, 1105.	1.8	215
1751	Role of milk carbohydrates in intestinal health of nursery pigs: a review. Journal of Animal Science and Biotechnology, 2022, 13, 6.	2.1	10
1752	Potential Prebiotic and Anti-Obesity Effects of Codium fragile Extract. Applied Sciences (Switzerland), 2022, 12, 959.	1.3	6
1753	Gut Microbiome and Organ Fibrosis. Nutrients, 2022, 14, 352.	1.7	20
1754	An overview of the challenges associated with the use of fruit and cereal-based probiotic carriers and their recently developed solutions. Current Functional Foods, 2022, 01, .	0.0	0
1755	Pilosocereus gounellei (xique-xique) flour: Improving the nutritional, bioactive, and technological properties of probiotic goat-milk yogurt. LWT - Food Science and Technology, 2022, 158, 113165.	2.5	9
1756	The gut microbiotaâ€™brain axis: Role of the gut microbial metabolites of dietary food in obesity. Food Research International, 2022, 153, 110971.	2.9	16
1757	The interplay between sleep and gut microbiota. Brain Research Bulletin, 2022, 180, 131-146.	1.4	42
1758	Assessment of bifidogenic potential of cowpea (Vigna unguiculata (L.) Walp.) extract in in vitro and milk fermentation models. LWT - Food Science and Technology, 2022, 157, 113071.	2.5	5
1759	Bacteraemia caused by Lactobacillus rhamnosus given as a probiotic in a patient with a central venous catheter: a WGS case report. Infection Prevention in Practice, 2022, 4, 100200.	0.6	7
1760	Gut microbiome-brain axis and inflammation in temperament, personality and psychopathology. Current Opinion in Behavioral Sciences, 2022, 44, 101101.	2.0	14
1761	Gut microbiota modulation by jabuticaba peel and its effect on glucose metabolism via inflammatory signaling. Current Research in Food Science, 2022, 5, 382-391.	2.7	14
1762	Stimulatory Effects of Extracellular Vesicles Derived from Leuconostoc holzapfelii That Exists in Human Scalp on Hair Growth in Human Follicle Dermal Papilla Cells. Current Issues in Molecular Biology, 2022, 44, 845-866.	1.0	6
1763	Agave fructans: a review of their technological functionality and extraction processes. Journal of Food Science and Technology, 2023, 60, 1265-1273.	1.4	4
1764	The Human Microbiota and Skin Cancer. International Journal of Molecular Sciences, 2022, 23, 1813.	1.8	37

#	ARTICLE	IF	CITATIONS
1765	Aspergillus-Derived Cellulase Preparation Exhibits Prebiotic-like Effects on Gut Microbiota in Rats. <i>Fermentation</i> , 2022, 8, 71.	1.4	4
1766	Nutrition et microbiote dans le diabète de type 2. De la symbiose à la dysfonction métabolique. <i>Medecine Des Maladies Metaboliques</i> , 2022, 16, 114-114.	0.1	3
1767	Ex Vivo Immunomodulatory Effects of Lactobacillus-, Lactocaseibacillus-, and Bifidobacterium-Containing Synbiotics on Human Peripheral Blood Mononuclear Cells and Monocyte-Derived Dendritic Cells in the Context of Grass Pollen Allergy. <i>Probiotics and Antimicrobial Proteins</i> , 2022, , 1.	1.9	0
1768	Supplementary Prebiotics, Probiotics, and Thyme ( <i>Thymus vulgaris</i> ) Essential Oil for Broilers: Performance, Intestinal Morphology, and Fecal Nutrient Composition. <i>Probiotics and Antimicrobial Proteins</i> , 2023, 15, 903-911.	1.9	1
1769	Cranberry Proanthocyanidin and Its Microbial Metabolite 3,4-Dihydroxyphenylacetic Acid, but Not 3-(4-Hydroxyphenyl)propionic Acid, Partially Reverse Pro-inflammatory microRNA Responses in Human Intestinal Epithelial Cells. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100853.	1.5	5
1770	Brain-gut-microbiota axis in depression: A historical overview and future directions. <i>Brain Research Bulletin</i> , 2022, 182, 44-56.	1.4	117
1771	Probiotics counteract hepatic steatosis caused by ketogenic diet and upregulate AMPK signaling in a model of infantile epilepsy. <i>EBioMedicine</i> , 2022, 76, 103838.	2.7	16
1772	Food for thought! Inulin-type fructans: Does the food matrix matter?. <i>Journal of Functional Foods</i> , 2022, 90, 104987.	1.6	10
1773	Prebiotics in non-dairy products: Technological and physiological functionality, challenges, and perspectives. <i>Food Bioscience</i> , 2022, 46, 101585.	2.0	15
1774	Potential prebiotic effects of nonabsorptive components of Keemun and Dianhong black tea: an in vitro study. <i>Food Science and Human Wellness</i> , 2022, 11, 648-659.	2.2	4
1775	Fermentation characteristics and probiotic activity of a purified fraction of polysaccharides from Fuzhuan brick tea. <i>Food Science and Human Wellness</i> , 2022, 11, 727-737.	2.2	16
1776	Prebiotics, Probiotics, Synbiotics, Paraprobiotics and Postbiotic Compounds in IBD. <i>Biomolecules</i> , 2021, 11, 1903.	1.8	64
1777	The Extraction, Functionalities and Applications of Plant Polysaccharides in Fermented Foods: A Review. <i>Foods</i> , 2021, 10, 3004.	1.9	19
1778	Polyphenols-Gut Microbiota Interrelationship: A Transition to a New Generation of Prebiotics. <i>Nutrients</i> , 2022, 14, 137.	1.7	111
1779	Enzymatic synthesis of fructo-oligosaccharides using Pectinex® Ultra SP-L: A study of experimental conditions. <i>Food and Feed Research</i> , 2021, 48, 201-211.	0.2	2
1780	The role of biotics in the early stages of life. <i>Pediatric Pro Praxi</i> , 2021, 22, 114-116.	0.1	0
1781	3.13 Constipation and the Efficacy of Fluid, Fat, Fibers, and Prebiotics. <i>World Review of Nutrition and Dietetics</i> , 2022, 124, 308-314.	0.1	0
1782	Developing Novel Synbiotic Yogurt with Lactocaseibacillus Paracasei and Lactitol: Investigation of the Microbiology, Microstructure, Textural and Rheological Propertie. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
1784	The non-dairy probiotic potential of the prebiotic Turkish snack "öleblebi". Food Science and Technology, 0, 42, .	0.8	0
1785	Microbiota, Microbiome, and Retinal Diseases. International Ophthalmology Clinics, 2022, 62, 197-214.	0.3	1
1787	Glycans and the Gut Microbiota. , 2022, , .		0
1788	Dietary supplementation with fiber, "öbiotics," and spray-dried plasma affects apparent total tract macronutrient digestibility and the fecal characteristics, fecal microbiota, and immune function of adult dogs. Journal of Animal Science, 2022, 100, .	0.2	9
1789	Bacteriocin-Producing Lactic Acid Bacteria Strains with Antimicrobial Activity Screened from Bamei Pig Feces. Foods, 2022, 11, 709.	1.9	21
1790	Health Benefits of Probiotics in Sport and Exercise - Non-existent or a Matter of Heterogeneity? A Systematic Review. Frontiers in Nutrition, 2022, 9, 804046.	1.6	5
1791	Immunomodulation by probiotics and prebiotics in hepatocellular carcinoma. World Journal of Hepatology, 2022, 14, 372-385.	0.8	4
1792	Gut Dysbiosis in Pancreatic Diseases: A Causative Factor and a Novel Therapeutic Target. Frontiers in Nutrition, 2022, 9, 814269.	1.6	14
1793	Editorial: Effects of Probiotics and Prebiotics on Gut Pathogens and Toxins. Frontiers in Microbiology, 2022, 13, 856779.	1.5	2
1794	Baseline Concentrations of Various Immune Biomarkers Determine Their Increase after Consumption of a Postbiotic Based on Cow's Milk Fermented with Lactobacillus paracasei CBA L74 in Both Newborns and Young Children. Applied Sciences (Switzerland), 2022, 12, 2009.	1.3	2
1795	Effect of fecal microbiota transplantation on primary hypertension and the underlying mechanism of gut microbiome restoration: protocol of a randomized, blinded, placebo-controlled study. Trials, 2022, 23, 178.	0.7	9
1797	The effect of variation concentration white oyster mushroom flour for quality yogurt mushroom taro synbiotic during storage. IOP Conference Series: Earth and Environmental Science, 2022, 978, 012048.	0.2	1
1799	African fermented foods: overview, emerging benefits, and novel approaches to microbiome profiling. Npj Science of Food, 2022, 6, 15.	2.5	39
1800	Modulation of Gut Microbial Diversity through Non-Pharmaceutical Approaches to Treat Schizophrenia. International Journal of Molecular Sciences, 2022, 23, 2625.	1.8	10
1801	The Role of Gut-Liver Axis in Gut Microbiome Dysbiosis Associated NAFLD and NAFLD-HCC. Biomedicines, 2022, 10, 524.	1.4	42
1802	Links between Insulin Resistance and Periodontal Bacteria: Insights on Molecular Players and Therapeutic Potential of Polyphenols. Biomolecules, 2022, 12, 378.	1.8	8
1804	Mini-Review: The potential of raffinose as a prebiotic. IOP Conference Series: Earth and Environmental Science, 2022, 980, 012033.	0.2	7
1805	Intestinal Microbiota Contributes to the Improvement of Alcoholic Hepatitis in Mice Treated With Schisandra chinensis Extract. Frontiers in Nutrition, 2022, 9, 822429.	1.6	6

#	ARTICLE	IF	CITATIONS
1806	Effect of <i>Cordyceps militaris</i> on formation of short-chain fatty acids as postbiotic metabolites. <i>Preparative Biochemistry and Biotechnology</i> , 2022, 52, 1142-1150.	1.0	4
1807	Effect of Prebiotics and Synbiotics Carried by Food over Irritable Bowel Syndrome Symptoms: A Systematic Review. <i>Dairy</i> , 2022, 3, 148-162.	0.7	3
1808	Production and Digestibility Studies of $\beta$ -Galactosyl Xylitol Derivatives Using Heterogeneous Catalysts of LacA $\beta$ -Galactosidase from <i>Lactobacillus Plantarum</i> WCFS1. <i>Molecules</i> , 2022, 27, 1235.	1.7	1
1809	Nutrition and a Balanced Diet in the Elderly During the COVID-19 Pandemic. <i>Current Nutrition and Food Science</i> , 2022, 18, .	0.3	1
1810	Insights into the Composition of a Co-Culture of 10 Probiotic Strains (OMNi BiOTiC <sup>®</sup> AAD10) and Effects of Its Postbiotic Culture Supernatant. <i>Nutrients</i> , 2022, 14, 1194.	1.7	6
1811	Cancer pharmacomicrobiomics: targeting microbiota to optimise cancer therapy outcomes. <i>Gut</i> , 2022, 71, 1412-1425.	6.1	79
1812	Associations of Mediterranean diet with psychological ill-being and well-being throughout the pregnancy course: The GESTAFIT project. <i>Quality of Life Research</i> , 2022, 31, 2705-2716.	1.5	4
1813	Looking inside Mexican Traditional Food as Sources of Synbiotics for Developing Novel Functional Products. <i>Fermentation</i> , 2022, 8, 123.	1.4	7
1814	The rationale and potential for using <i>Lactobacillus</i> in the management of periodontitis. <i>Journal of Microbiology</i> , 2022, 60, 355-363.	1.3	7
1815	Sequential optimization strategy for the immobilization of <i>Erwinia</i> sp. D12 cells and the production of isomaltulose with high stability and prebiotic potential. <i>Bioprocess and Biosystems Engineering</i> , 2022, 45, 999-1009.	1.7	4
1816	The transcription factor HLH-26 controls probiotic-mediated protection against intestinal infection through up-regulation of the Wnt/BAR-1 pathway. <i>PLoS Biology</i> , 2022, 20, e3001581.	2.6	7
1817	The Bridge Between Ischemic Stroke and Gut Microbes: Short-Chain Fatty Acids. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 543-559.	1.7	9
1818	Palatinose <sup>TM</sup> (Isomaltulose) and Prebiotic Inulin-Type Fructans Have Beneficial Effects on Glycemic Response and Gut Microbiota Composition in Healthy Volunteers—A Real-Life, Retrospective Study of a Cohort That Participated in a Digital Nutrition Program. <i>Frontiers in Nutrition</i> , 2022, 9, 829933.	1.6	2
1819	Supplementation with the Symbiotic Formulation Prodefen <sup>®</sup> Increases Neuronal Nitric Oxide Synthase and Decreases Oxidative Stress in Superior Mesenteric Artery from Spontaneously Hypertensive Rats. <i>Antioxidants</i> , 2022, 11, 680.	2.2	5
1820	Prebiotic Oligosaccharides Enhance Iron Absorption Via Modulation of Protein Expression and Gut Microbiota in a Dose-Response Manner in Iron-Deficient Growing Rats. <i>Molecular Nutrition and Food Research</i> , 2022, , 2101064.	1.5	2
1821	Dietary fiber combinations to mitigate the metabolic, microbial, and cognitive imbalances resulting from diet-induced obesity in rats. <i>FASEB Journal</i> , 2022, 36, e22269.	0.2	4
1822	Overview of the Importance of Biotics in Gut Barrier Integrity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2896.	1.8	23
1823	Consumption of a fermented dairy beverage improves hippocampal-dependent relational memory in a randomized, controlled cross-over trial. <i>Nutritional Neuroscience</i> , 2023, 26, 265-274.	1.5	6

#	ARTICLE	IF	CITATIONS
1824	Impact of wheat aleurone on biomarkers of cardiovascular disease, gut microbiota and metabolites in adults with high body mass index: a double-blind, placebo-controlled, randomized clinical trial. <i>European Journal of Nutrition</i> , 2022, 61, 2651-2671.	1.8	5
1825	Polímeros de frutose: importância para a nutrição e saúde humana. <i>Evidência</i> , 0, , 1-16.	0.1	1
1826	Effect of prebiotics on <i>Bacteroides</i> sp. adhesion and biofilm formation and synbiotic effect on <i>Clostridioides difficile</i> . <i>Future Microbiology</i> , 2022, 17, 363-375.	1.0	8
1827	Comparison Between Different Delivery Vehicles for the Probiotic <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> HN019 on Experimental Periodontitis in Rats. <i>Probiotics and Antimicrobial Proteins</i> , 2022, 14, 313-325.	1.9	3
1828	Efficacy and Safety of Probiotics Combined With Traditional Chinese Medicine for Ulcerative Colitis: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2022, 13, 844961.	1.6	7
1829	The Microbiome and Uremic Solutes. <i>Toxins</i> , 2022, 14, 245.	1.5	4
1830	Evaluation of Microbial-Fructo-Oligosaccharides Metabolism by Human Gut Microbiota Fermentation as Compared to Commercial Inulin-Derived Oligosaccharides. <i>Foods</i> , 2022, 11, 954.	1.9	13
1831	Isomaltooligosaccharides utilization and genomic characterization of human infant anti-inflammatory <i>Bifidobacterium longum</i> and <i>Bifidobacterium breve</i> strains. <i>3 Biotech</i> , 2022, 12, 89.	1.1	6
1832	Physical activity enhances the improvement of body mass index and metabolism by inulin: a multicenter randomized placebo-controlled trial performed in obese individuals. <i>BMC Medicine</i> , 2022, 20, 110.	2.3	21
1833	Structural Characteristics and Immunomodulatory Effects of a Long-Chain Polysaccharide From <i>Laminaria japonica</i> . <i>Frontiers in Nutrition</i> , 2022, 9, 762595.	1.6	7
1834	Potential Probiotic Characteristics and Safety Assessment of <i>Lactobacillus rhamnosus</i> SKG34 Isolated from Sumbawa Mare's Milk. <i>Microbiology and Biotechnology Letters</i> , 2022, 50, 51-62.	0.2	1
1835	Preventive Effect of a Postbiotic and Prebiotic Mixture in a Rat Model of Early Life Rotavirus Induced-Diarrhea. <i>Nutrients</i> , 2022, 14, 1163.	1.7	8
1836	Dietary Inclusion of a <i>Saccharomyces cerevisiae</i> -Derived Postbiotic Is Associated with Lower <i>Salmonella enterica</i> Burden in Broiler Chickens on a Commercial Farm in Honduras. <i>Microorganisms</i> , 2022, 10, 544.	1.6	9
1837	Harnessing the potentialities of probiotics, prebiotics, synbiotics, paraprobiotics, and postbiotics for shrimp farming. <i>Reviews in Aquaculture</i> , 2022, 14, 1478-1557.	4.6	39
1838	Bachu Mushroom Polysaccharide Alleviates Colonic Injury by Modulating the Gut Microbiota. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-12.	0.7	7
1839	The effects of mixed prebiotics in aquaculture: A review. <i>Aquaculture and Fisheries</i> , 2024, 9, 28-34.	1.2	16
1840	Nutraceuticals in the Modulation of the Intestinal Microbiota: Current Status and Future Directions. <i>Frontiers in Pharmacology</i> , 2022, 13, 841782.	1.6	1
1841	Milk Whey Hydrolysates as High Value-Added Natural Polymers: Functional Properties and Applications. <i>Polymers</i> , 2022, 14, 1258.	2.0	11

#	ARTICLE	IF	CITATIONS
1842	Bugs as Drugs: Understanding the Linkage between Gut Microbiota and Cancer Treatment. <i>Current Drug Targets</i> , 2022, 23, 869-888.	1.0	1
1843	Current Status of Probiotics as Supplements in the Prevention and Treatment of Infectious Diseases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 789063.	1.8	13
1844	Intestinal microbiota dysbiosis in acute kidney injury: novel insights into mechanisms and promising therapeutic strategies. <i>Renal Failure</i> , 2022, 44, 571-580.	0.8	12
1845	The In Vitro Analysis of Postbiotics in Functional Labneh to Be Used as Powerful Tool to Improve Cell Surfaces Properties and Adherence Potential of Probiotic Strains. <i>Fermentation</i> , 2022, 8, 122.	1.4	5
1846	The Effect of Amino Acids on Production of SCFA and bCFA by Members of the Porcine Colonic Microbiota. <i>Microorganisms</i> , 2022, 10, 762.	1.6	18
1847	Novel Developments on Stimuli-Responsive Probiotic Encapsulates: From Smart Hydrogels to Nanostructured Platforms. <i>Fermentation</i> , 2022, 8, 117.	1.4	13
1848	Assessment of Physicochemical and Rheological Properties of Xylo-Oligosaccharides and Glucose-Enriched Doughs Fermented with BB-12. <i>Biology</i> , 2022, 11, 553.	1.3	14
1849	The effect of inulin-type fructans on the intestinal immune function of antibiotic-treated mice. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 3265-3278.	1.7	2
1850	Inflammation, Lifestyle Factors, and the Microbiomeâ€œCutâ€œBrain Axis: Relevance to Depression and Antidepressant Action. <i>Clinical Pharmacology and Therapeutics</i> , 2023, 113, 246-259.	2.3	40
1851	Nutritional Profile and Health Benefits of <i>Ganoderma lucidum</i> â€œLingzhi, Reishi, or Mannentakeâ€œas Functional Foods: Current Scenario and Future Perspectives. <i>Foods</i> , 2022, 11, 1030.	1.9	38
1852	Chronic Kidney Disease and Gut Microbiota: What Is Their Connection in Early Life?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3954.	1.8	23
1853	Extraction, isolation, structural characterization and prebiotic activity of cell wall polysaccharide from <i>Kluyveromyces marxianus</i> . <i>Carbohydrate Polymers</i> , 2022, 289, 119457.	5.1	23
1854	Protein Biofortification in Lentils ( <i>Lens culinaris</i> Medik.) Toward Human Health. <i>Frontiers in Plant Science</i> , 2022, 13, 869713.	1.7	10
1855	Gut microbial metabolome in inflammatory bowel disease: From association to therapeutic perspectives. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 2402-2414.	1.9	30
1856	The Potential of Prebiotic and Probiotic Supplementation During Obese Pregnancy to Improve Maternal and Offspringâ€™s Metabolic Health and Reduce Obesity Riskâ€”A Narrative Review. <i>Frontiers in Nutrition</i> , 2022, 9, 819882.	1.6	7
1857	<i>Lactobacillus</i> and intestinal diseases: Mechanisms of action and clinical applications. <i>Microbiological Research</i> , 2022, 260, 127019.	2.5	37
1858	Arabinoxylans as Functional Food Ingredients: A Review. <i>Foods</i> , 2022, 11, 1026.	1.9	36
1859	Diet Supplementation with NUTRIOSE, a Resistant Dextrin, Increases the Abundance of <i>Parabacteroides distasonis</i> in the Human Gut. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2101091.	1.5	8

#	ARTICLE	IF	CITATIONS
1860	Functional meat products: Trends in pro-, pre-, syn-, para- and post-biotic use. <i>Food Research International</i> , 2022, 154, 111035.	2.9	30
1861	Microbiome Modulation as a Novel Strategy to Treat and Prevent Respiratory Infections. <i>Antibiotics</i> , 2022, 11, 474.	1.5	15
1862	Effects of fructooligosaccharides (<sc>FOS</sc>) on the composition of cecal and fecal microbiota and the quantitative detection of <sc>FOS</sc>-metabolizing bacteria using species-specific primers. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 5301-5311.	1.7	3
1863	Gut Microbiota might act as a potential therapeutic pathway in COVID-19. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, .	0.9	1
1864	Prebiotic effect, bioactive compounds and antioxidant capacity of melon peel ( <i>Cucumis melo</i> L.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50 Research International</i> , 2022, 154, 111045.	2.9	10
1865	Sources, Processing-Related Transformation, and Gut Axis Regulation of Conventional and Potential Prebiotics. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4509-4521.	2.4	9
1866	Concomitant medications, functional foods, and supplements: An Obesity Medicine Association (OMA) Clinical Practice Statement (CPS) 2022. , 2022, 2, 100017.		11
1867	The Concept of Postbiotics. <i>Foods</i> , 2022, 11, 1077.	1.9	70
1868	Probiotic <i>Escherichia coli</i> Nissle 1917 inhibits bacterial persisters that survive fluoroquinolone treatment. <i>Journal of Applied Microbiology</i> , 2022, 132, 4020-4032.	1.4	7
1869	Effects of a mediterranean diet on the gut microbiota and microbial metabolites: A systematic review of randomized controlled trials and observational studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 8698-8719.	5.4	21
1870	Probiotics, Prebiotics, and Synbiotics Improve Uremic, Inflammatory, and Gastrointestinal Symptoms in End-Stage Renal Disease With Dialysis: A Network Meta-Analysis of Randomized Controlled Trials. <i>Frontiers in Nutrition</i> , 2022, 9, 850425.	1.6	7
1871	Polymannuronic acid prebiotic plus <i>Lactobacillus rhamnosus</i> GG probiotic as a novel synbiotic promoted their separate neuroprotection against Parkinson's disease. <i>Food Research International</i> , 2022, 155, 111067.	2.9	24
1872	Gut Microbiota Disruption in COVID-19 or Post-COVID Illness Association with severity biomarkers: A Possible Role of Pre / Pro-biotics in manipulating microflora. <i>Chemico-Biological Interactions</i> , 2022, 358, 109898.	1.7	22
1873	Co-encapsulation of guaranÃ; extracts and probiotics increases probiotic survivability and simultaneously delivers bioactive compounds in simulated gastrointestinal fluids. <i>LWT - Food Science and Technology</i> , 2022, 161, 113351.	2.5	13
1874	Research progress on conjugated linoleic acid bio-conversion in <i>Bifidobacterium</i> . <i>International Journal of Food Microbiology</i> , 2022, 369, 109593.	2.1	15
1875	Isomaltulose: From origin to application and its beneficial properties â€“ A bibliometric approach. <i>Food Research International</i> , 2022, 155, 111061.	2.9	8
1876	Probiotics, prebiotics, and synbiotics to prevent or combat air pollution consequences: The gut-lung axis. <i>Environmental Pollution</i> , 2022, 302, 119066.	3.7	13
1877	Engineering a heterologously expressed fructosyltransferase from <i>Aspergillus oryzae</i> N74 in <i>Komagataella phaffii</i> ( <i>Pichia pastoris</i> ) for kestose production. <i>New Biotechnology</i> , 2022, 69, 18-27.	2.4	1

#	ARTICLE	IF	CITATIONS
1878	Sugarcane polyphenol and fiber to affect production of short-chain fatty acids and microbiota composition using in vitro digestion and pig faecal fermentation model. <i>Food Chemistry</i> , 2022, 385, 132665.	4.2	18
1879	Carbohydrates digestibility and faecal microbiota composition in rats fed diets based on raw or fermented <i>Vigna unguiculata</i> seed meal as the only protein source. , 2022, 1, 100022.		3
1880	Prebiotic potential of isolated commercial dietary fibres compared to orange albedo in <i>Lactobacillus</i> and <i>Bifidobacterium</i> species. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2022, 28, 100316.	1.5	7
1881	Altered fecal microbiota, IgA, and fermentative end-products in adult dogs fed prebiotics and a nonviable <i>Lactobacillus acidophilus</i> . <i>Journal of Animal Science</i> , 2021, 99, .	0.2	7
1882	Recurrent bacterial vaginosis: possible ways of correction. <i>Reproductive Endocrinology</i> , 2021, , 83-88.	0.0	2
1883	Evaluation of the Antibacterial and Prebiotic Potential of <i>Ascophyllum nodosum</i> and Its Extracts Using Selected Bacterial Members of the Pig Gastrointestinal Microbiota. <i>Marine Drugs</i> , 2022, 20, 41.	2.2	5
1884	COVID-19 Patogenezinde Diyetin Bağırsak-Akciğer Ekseni Üzerine Potansiyel Etkileri. <i>Sağlık Bilimleri Dergisi</i> , 2021, 12, 402-410.	0.1	0
1885	Potential and Scale-Up of Pore-Through-Flow Membrane Reactors for the Production of Prebiotic Galacto-Oligosaccharides with Immobilized $\beta$ -Galactosidase. <i>Catalysts</i> , 2022, 12, 7.	1.6	9
1886	Antimicrobial and Prebiotic Activity of Lactoferrin in the Female Reproductive Tract: A Comprehensive Review. <i>Biomedicines</i> , 2021, 9, 1940.	1.4	18
1887	Evaluation of the Effect of Food Products Containing Prebiotics and <i>Bacillus subtilis</i> HU58 on the Gut Microbial Community Activity and Community Composition Using an In Vitro M-SHIME® Model. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11963.	1.3	3
1888	Probiotics and Prebiotics in Foods: Challenges, Innovations, and Advances.. <i>Journal of Nutrition Education and Behavior</i> , 2021, 53, 1090-1091.	0.3	0
1889	The Use of Olkaska Sheep Milk for the Production of Symbiotic Dairy Ice Cream. <i>Animals</i> , 2022, 12, 70.	1.0	3
1890	Glutamic acid reshapes the plant microbiota to protect plants against pathogens. <i>Microbiome</i> , 2021, 9, 244.	4.9	40
1892	Dietary Supplementation throughout Life with Non-Digestible Oligosaccharides and/or n-3 Poly-Unsaturated Fatty Acids in Healthy Mice Modulates the Gut-Immune System-Brain Axis. <i>Nutrients</i> , 2022, 14, 173.	1.7	4
1893	The Role of Dietary Fats in the Development and Prevention of Necrotizing Enterocolitis. <i>Nutrients</i> , 2022, 14, 145.	1.7	4
1894	Impact of Food-Derived Bioactive Compounds on Intestinal Immunity. <i>Biomolecules</i> , 2021, 11, 1901.	1.8	14
1895	Restoring an adequate dietary fiber intake by inulin supplementation: a pilot study showing an impact on gut microbiota and sociability in alcohol use disorder patients. <i>Gut Microbes</i> , 2022, 14, 2007042.	4.3	15
1896	Flavonoids: A Group of Potential Food Additives with Beneficial Health Effects. , 0, , .		2



#	ARTICLE	IF	CITATIONS
1897	Bioactive Ingredients Obtained from Agro-industrial Byproducts: Recent Advances and Innovation in Micro- and Nanoencapsulation. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15066-15075.	2.4	8
1898	<i>In vitro</i> Effects of Prebiotics and Synbiotics on <i>Apis cerana</i> Gut Microbiota. <i>Polish Journal of Microbiology</i> , 2021, 70, 511-520.	0.6	3
1900	Asthma and obesity: endotoxin another insult to add to injury?. <i>Clinical Science</i> , 2021, 135, 2729-2748.	1.8	9
1901	Contribution of Gut Microbiota to Immune Tolerance in Infants. <i>Journal of Immunology Research</i> , 2021, 2021, 1-11.	0.9	10
1902	<i>Saccharomyces cerevisiae</i> Dehydrated Culture Modulates Fecal Microbiota and Improves Innate Immunity of Adult Dogs. <i>Fermentation</i> , 2022, 8, 2.	1.4	5
1903	The Communication Between Intestinal Microbiota and Ulcerative Colitis: An Exploration of Pathogenesis, Animal Models, and Potential Therapeutic Strategies. <i>Frontiers in Medicine</i> , 2021, 8, 766126.	1.2	11
1904	Influence of Prebiotic Activity of <i>Agave salmiana</i> Fructans on Mucus Production and Morphology Changes in Colonic Epithelium Cell of Healthy Wistar Rats. <i>Frontiers in Plant Science</i> , 2021, 12, 717460.	1.7	4
1905	A Randomized, Placebo-Controlled Trial Assessing the Effect of VISBIOME ES Probiotic in People With HIV on Antiretroviral Therapy. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab550.	0.4	7
1906	Potential Associations Between Microbiome and COVID-19. <i>Frontiers in Medicine</i> , 2021, 8, 785496.	1.2	23
1907	The Role of Adequate Nutrition on Early Stages of Child Development. <i>New Aspects of Goat Milk-Based Infant Formulas Implementation. Voprosy Sovremennoi Pediatrii - Current Pediatrics</i> , 2022, 20, 530-535.	0.1	1
1908	Cardiovascular Benefits of Plant-Based Diets. <i>International Journal of Cardiovascular Sciences</i> , 2021, 35, 11-13.	0.0	0
1909	Nutrient Intake and Gut Microbial Genera Changes after a 4-Week Placebo Controlled Galacto-Oligosaccharides Intervention in Young Females. <i>Nutrients</i> , 2021, 13, 4384.	1.7	2
1910	Treatment of Inflammatory Bowel Disease: A Comprehensive Review. <i>Frontiers in Medicine</i> , 2021, 8, 765474.	1.2	131
1911	Antituberculosis Therapy and Gut Microbiota: Review of Potential Host Microbiota Directed-Therapies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 673100.	1.8	9
1912	Legumes and Legume-Based Beverages Fermented with Lactic Acid Bacteria as a Potential Carrier of Probiotics and Prebiotics. <i>Microorganisms</i> , 2022, 10, 91.	1.6	48
1913	Selective Fermentation of <i>Lactobacillus</i> and <i>Streptococcus</i> In Vitro: Effects of Chinese Fermented Glutinous Rice on the Growth Promotion of Potential Probiotics. <i>Journal of Food Quality</i> , 2021, 2021, 1-13.	1.4	1
1914	Probiotics Evaluation in Oncological Surgery: A Systematic Review of 36 Randomized Controlled Trials Assessing 21 Diverse Formulations. <i>Current Oncology</i> , 2021, 28, 5192-5214.	0.9	8
1915	Microbiota and health. , 2022, , 69-92.		0

#	ARTICLE	IF	CITATIONS
1916	Nutrition and Microbiome. Handbook of Experimental Pharmacology, 2022, , 57-73.	0.9	4
1917	Probiotics and plant extracts: a promising synergy and delivery systems. Critical Reviews in Food Science and Nutrition, 2023, 63, 9561-9579.	5.4	9
1918	How to Improve Health with Biological Agentsâ€”Narrative Review. Nutrients, 2022, 14, 1700.	1.7	13
1919	Recent developments in antimicrobial growth promoters in chicken health: Opportunities and challenges. Science of the Total Environment, 2022, 834, 155300.	3.9	22
1920	Anti microbial effect of prebiotic containing tooth paste against streptococcus mutans and lactobacillus: An invitro evaluation. Indian Journal of Microbiology Research, 2022, 9, 41-49.	0.0	0
1921	A fibre and phenolic-rich flour from Isabel grape by-products with stimulatory effects on distinct probiotics and beneficial impacts on human colonic microbiota in vitro. Letters in Applied Microbiology, 2022, 75, 249-260.	1.0	1
1922	Barley Î²-glucan for conjugated linoleic acid (CLA) production by Bifidobacterium animalis subsp. Lactis: Fatty acid variation and bacterial viability study. Bioactive Carbohydrates and Dietary Fibre, 2022, 28, 100321.	1.5	1
1923	Prebiotic effect of galactoâ€œligosaccharides on the skin microbiota and determination of their diffusion properties. International Journal of Cosmetic Science, 2022, , .	1.2	4
1924	Galactooligosaccharide Treatment Alleviates DSS-Induced Colonic Inflammation in Caco-2 Cell Model. Frontiers in Nutrition, 2022, 9, 862974.	1.6	5
1925	Bugs in Bugs: The Role of Probiotics and Prebiotics in Maintenance of Health in Mass-Reared Insects. Insects, 2022, 13, 376.	1.0	14
1926	The Protective Effects of Inulin-Type Fructans Against High-Fat/Sucrose Diet-Induced Gestational Diabetes Mice in Association With Gut Microbiota Regulation. Frontiers in Microbiology, 2022, 13, 832151.	1.5	14
1927	Development of Healthier and Functional Dry Fermented Sausages: Present and Future. Foods, 2022, 11, 1128.	1.9	17
1928	Nutritional Supplements to Improve Outcomes in Preterm Neonates. Clinics in Perinatology, 2022, 49, 485-502.	0.8	2
1929	PRObiotics and SYNbiotics to improve gut health and growth in infants in western Kenya (PROSYNK) Tj ETQq1 1 0.784314 rgBT /Over 0.7	0.7	2
1930	The Emerging Role of the Gut Microbiome in Cardiovascular Disease: Current Knowledge and Perspectives. Biomedicines, 2022, 10, 948.	1.4	14
1931	Selection of a Potential Synbiotic against Cronobacter sakazakii. Journal of Food Protection, 2022, 85, 1240-1248.	0.8	1
1932	Berry Anthocyanins in Rodent and Human Obesity and Diabetes: A Review of the Evidence. BioMed, 2022, 2, 210-237.	0.6	2
1933	Fucose-containing Abroma augusta mucilage hydrogel as a potential probiotic carrier with prebiotic function. Food Chemistry, 2022, 387, 132941.	4.2	10

#	ARTICLE	IF	CITATIONS
1934	In vitro colonic fermentation and potential prebiotic properties of pre-digested jaboticaba (Myrciaria Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.2	13
1956	The future of functional food: Emerging technologies application on prebiotics, probiotics and postbiotics. Comprehensive Reviews in Food Science and Food Safety, 2022, 21, 2560-2586.	5.9	33
1957	Diet, fibers, and probiotics for irritable bowel syndrome. Journal of Medicine and Life, 2022, 15, 174-179.	0.4	12
1958	The interaction between gut microbiome and anti-tumor drug therapy.. American Journal of Cancer Research, 2021, 11, 5812-5832.	1.4	0
1959	Convergent pathways of the gut microbiotaâ€“brain axis and neurodegenerative disorders. Gastroenterology Report, 2022, 10, goac017.	0.6	16
1960	Nutrition, Immunosenescence, and Infectious Disease: An Overview of the Scientific Evidence on Micronutrients and on Modulation of the Gut Microbiota. Advances in Nutrition, 2022, 13, S1-S26.	2.9	31
1961	The role of diet and physical activity in influencing the microbiota/microbiome. , 2022, , 693-745.		0
1962	Comparative Analysis on the Duodenal Microbiota Community in Geese Fed with the All-grass or Basal Diet. Brazilian Journal of Poultry Science, 2022, 24, .	0.3	0
1965	Whole Genome Sequence Analysis of a Novel Apilactobacillus Species from Giant Honeybee (Apis Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Microorganisms, 2022, 10, 904.	1.6	3
1967	Recent Advances in the Valorization of Algae Polysaccharides for Food and Nutraceutical Applications: a Review on the Role of Green Processing Technologies. Food and Bioprocess Technology, 2022, 15, 1948-1976.	2.6	9
1968	Effective Regulation of Gut Microbiota With Probiotics and Prebiotics May Prevent or Alleviate COVID-19 Through the Gut-Lung Axis. Frontiers in Pharmacology, 2022, 13, 895193.	1.6	10
1969	Plant Polysaccharides Modulate Immune Function via the Gut Microbiome and May Have Potential in COVID-19 Therapy. Molecules, 2022, 27, 2773.	1.7	5
1970	Seleksi, Karakterisasi Morfologi, dan Identifikasi Aktinobakteri Penghasil Mananase Asal Hutan Tanah Jambi untuk Produksi Mananoligosakarida. Jurnal Ilmu Pertanian Indonesia, 2022, 27, 279-286.	0.1	1
1971	Resistant starchâ€“An accessible fiber ingredient acceptable to the Western palate. Comprehensive Reviews in Food Science and Food Safety, 2022, 21, 2930-2955.	5.9	20
1972	Hepatocellular Carcinoma: How the Gut Microbiota Contributes to Pathogenesis, Diagnosis, and Therapy. Frontiers in Microbiology, 2022, 13, 873160.	1.5	13
1973	Biological Functions of Exopolysaccharides from Lactic Acid Bacteria and Their Potential Benefits for Humans and Farmed Animals. Foods, 2022, 11, 1284.	1.9	31
1974	A Study and Modeling of Bifidobacterium and Bacillus Coculture Continuous Fermentation under Distal Intestine Simulated Conditions. Microorganisms, 2022, 10, 929.	1.6	6
1975	Dried chicory root improves bowel function, benefits intestinal microbial trophic chains and increases faecal and circulating short chain fatty acids in subjects at risk for type 2 diabetes. Gut Microbiome, 2022, 3, .	0.8	5

#	ARTICLE	IF	CITATIONS
1976	Supplementation with galacto-oligosaccharides in early life persistently facilitates the microbial colonization of the rumen and promotes growth of preweaning Holstein dairy calves. <i>Animal Nutrition</i> , 2022, 10, 223-233.	2.1	9
1977	Evaluation of prebiotic properties of legume-based synbiotic beverages. <i>Journal of Food Processing and Preservation</i> , 0, , .	0.9	4
1978	Changes in systolic blood pressure, postprandial glucose, and gut microbial composition following mango consumption in individuals with overweight and obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2022, 47, 565-574.	0.9	3
1979	Host-microbial interactions in metabolic diseases: from diet to immunity. <i>Journal of Microbiology</i> , 2022, , 1.	1.3	3
1980	A Freeze-Dried Cranberry Powder Consistently Enhances SCFA Production and Lowers Abundance of Opportunistic Pathogens In Vitro. <i>BioTech</i> , 2022, 11, 14.	1.3	3
1981	The impact of the gut microbiome on extra-intestinal autoimmune diseases. <i>Nature Reviews Immunology</i> , 2023, 23, 9-23.	10.6	99
1982	A Î²-OR Agonist Protects the Endothelial Function Impaired by Hyperuricemia Through Regulating the Akt/eNOS Signal Pathway. <i>Probiotics and Antimicrobial Proteins</i> , 2022, 14, 751-759.	1.9	2
1983	The Gut Microbiome in Colorectal Cancer. <i>Hematology/Oncology Clinics of North America</i> , 2022, 36, 491-506.	0.9	3
1984	Impact of Oral Microbiome in Periodontal Health and Periodontitis: A Critical Review on Prevention and Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5142.	1.8	44
1985	The Use of Probiotic Therapy in Metabolic and Neurological Diseases. <i>Frontiers in Nutrition</i> , 2022, 9, 887019.	1.6	8
1986	Effect of Collagen Types, Bacterial Strains and Storage Duration on the Quality of Probiotic Fermented Sheep's Milk. <i>Molecules</i> , 2022, 27, 3028.	1.7	4
1987	Liver alterations are not improved by inulin supplementation in alcohol use disorder patients during alcohol withdrawal: A pilot randomized, double-blind, placebo-controlled study. <i>EBioMedicine</i> , 2022, 80, 104033.	2.7	7
1988	Tree nuts: Treasure mine for prebiotic and probiotic dairy free vegan products. <i>Trends in Food Science and Technology</i> , 2022, 124, 208-218.	7.8	9
1989	One-step production of a novel prebiotic mixture using <i>Zymomonas mobilis</i> ZM4. <i>Biochemical Engineering Journal</i> , 2022, 183, 108443.	1.8	1
1990	Efficient secretion of xylanase in <i>Escherichia coli</i> for production of prebiotic xylooligosaccharides. <i>LWT - Food Science and Technology</i> , 2022, 162, 113481.	2.5	5
1991	Relationship between gut microbiota and colorectal cancer: Probiotics as a potential strategy for prevention. <i>Food Research International</i> , 2022, 156, 111327.	2.9	13
1992	Effects of prebiotic supplementation on the concentration of short-chain fatty acids in the ceca of broiler chickens: A meta-analysis of controlled trials. <i>Animal Feed Science and Technology</i> , 2022, 288, 115296.	1.1	0
1993	Feed your gut: Functional food to improve the pathophysiology of inflammatory bowel disease. <i>Journal of Functional Foods</i> , 2022, 93, 105073.	1.6	0

#	ARTICLE	IF	CITATIONS
1994	Health benefits of resistant starch: A review of the literature. <i>Journal of Functional Foods</i> , 2022, 93, 105094.	1.6	78
1995	<i>Liquorilactobacillus satsumensis</i> from water kefir yields $\beta$ -glucan polysaccharides with prebiotic and synbiotic qualities. <i>Carbohydrate Polymers</i> , 2022, 290, 119515.	5.1	7
1996	In vitro Study of <i>Bifidobacterium lactis</i> BL-99 With Fructooligosaccharide Synbiotics Effected on the Intestinal Microbiota. <i>Frontiers in Nutrition</i> , 2022, 9, 890316.	1.6	7
1997	Prebiotics as food supplements. , 2018, 52, 14-17.		0
1999	Prebiotic effect of D-allulose and $\beta$ -glucan on whey beverage with <i>Bifidobacterium animalis</i> and investigation of some health effects of this functional beverage on rats. <i>Food Science and Technology</i> , 0, 42, .	0.8	2
2000	Gut Microbiome and Its Influence On Ocular Surface and Ocular Surface Diseases. <i>Eye and Contact Lens</i> , 2022, 48, 278-282.	0.8	3
2001	Jerusalem Artichoke ( <i>Helianthus tuberosus</i> L.) inulin as a suitable bioactive ingredient to incorporate into spreadable ricotta cheese for the delivery of probiotic. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2022, 28, 100325.	1.5	7
2002	Review article: the future of microbiome-based therapeutics. <i>Alimentary Pharmacology and Therapeutics</i> , 2022, 56, 192-208.	1.9	21
2003	Metabolomic Analysis of <i>Lactobacillus acidophilus</i> , <i>L. gasseri</i> , <i>L. crispatus</i> , and <i>Lactocaseibacillus rhamnosus</i> Strains in the Presence of Pomegranate Extract. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	7
2004	Medicinal Plants and Their Impact on the Gut Microbiome in Mental Health: A Systematic Review. <i>Nutrients</i> , 2022, 14, 2111.	1.7	14
2005	Prebiotics as a Tool for the Prevention and Treatment of Obesity and Diabetes: Classification and Ability to Modulate the Gut Microbiota. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6097.	1.8	29
2006	An Evidence-Based Review of Probiotics and Prebiotics. <i>Science Insights</i> , 2022, 40, 527-531.	0.1	0
2007	Intestinal Mucosal Barrier Improvement with Prebiotics: Histological Evaluation of Longish Glucosaminan Hydrolysates-Induced Innate T Lymphocyte Activities in Mice. <i>Nutrients</i> , 2022, 14, 2220.	1.7	2
2008	Softer More Frequent Stools in Infants With Difficult Stooling Fed Hydrolyzed Protein Formula With Added Prebiotics: Randomized Controlled Trial. <i>Frontiers in Pediatrics</i> , 2022, 10, .	0.9	0
2009	Efficacy of Direct or Indirect Use of Probiotics for the Improvement of Maternal Depression during Pregnancy and in the Postnatal Period: A Systematic Review and Meta-Analysis. <i>Healthcare (Switzerland)</i> , 2022, 10, 970.	1.0	7
2010	A Galactooligosaccharide Product Decreases the Rotavirus Infection in Suckling Rats. <i>Cells</i> , 2022, 11, 1669.	1.8	2
2011	Commentary on: functional food science and gastrointestinal physiology and function. <i>British Journal of Nutrition</i> , 2022, 128, 179-182.	1.2	0
2012	Prebiotics and the Human Gut Microbiota: From Breakdown Mechanisms to the Impact on Metabolic Health. <i>Nutrients</i> , 2022, 14, 2096.	1.7	25

#	ARTICLE	IF	CITATIONS
2013	Human microbiota: a crucial gatekeeper in lung cancer initiation, progression, and treatment. <i>Medicine in Microecology</i> , 2022, , 100055.	0.7	2
2014	The Antibiofilm Role of Biotics Family in Vaginal Fungal Infections. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	6
2015	Functional Foods, Nutraceuticals and Probiotics: A Focus on Human Health. <i>Microorganisms</i> , 2022, 10, 1065.	1.6	48
2016	Addition of Prebiotics to the Ketogenic Diet Improves Metabolic Profile but Does Not Affect Seizures in a Rodent Model of Infantile Spasms Syndrome. <i>Nutrients</i> , 2022, 14, 2210.	1.7	1
2017	Inclusion of Mannan-Oligosaccharides in Diets for Tropical Gar <i>Atractosteus tropicus</i> Larvae: Effects on Growth, Digestive Enzymes, and Expression of Intestinal Barrier Genes. <i>Fishes</i> , 2022, 7, 127.	0.7	7
2018	Coffee Chlorogenic Acids Incorporation for Bioactivity Enhancement of Foods: A Review. <i>Molecules</i> , 2022, 27, 3400.	1.7	32
2019	Mechanisms behind the Role of SIBO in Non-Alcoholic Fatty Liver Disease: An Interplay between Liver, Gut Microbiota and Nutrition. <i>Current Nutrition and Food Science</i> , 2022, 18, .	0.3	0
2020	The Role of Microbiome in Brain Development and Neurodegenerative Diseases. <i>Molecules</i> , 2022, 27, 3402.	1.7	34
2021	Current trends in the development of soy-based foods containing probiotics and paving the path for soy-synbiotics. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9995-10013.	5.4	12
2022	INTERVENÇÃO COM PROBIÓTICOS EM CRIANÇAS COM AUTISMO ASSOCIADO A SINTOMAS GASTROINTESTINAIS. , 2022, 2, 287-309.		0
2023	Association of Probiotics with Atopic Dermatitis among Infant: A Meta-analysis of Randomized Controlled Trials. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-7.	1.9	3
2024	Exercise and Prebiotic Fiber Provide Gut Microbiota-Driven Benefit in a Survivor to Germ-Free Mouse Translational Model of Breast Cancer. <i>Cancers</i> , 2022, 14, 2722.	1.7	7
2025	Insights in the Development and Uses of Alternatives to Antibiotic Growth Promoters in Poultry and Swine Production. <i>Antibiotics</i> , 2022, 11, 766.	1.5	37
2026	Synbiotics: a New Route of Self-production and Applications to Human and Animal Health. <i>Probiotics and Antimicrobial Proteins</i> , 2022, 14, 980-993.	1.9	5
2027	Manipulating Microbiota to Treat Atopic Dermatitis: Functions and Therapies. <i>Pathogens</i> , 2022, 11, 642.	1.2	22
2028	Microbiome Modulation. , 2023, , 252-263.		0
2029	Multiple sclerosis and the microbiota. <i>Evolution, Medicine and Public Health</i> , 2022, 10, 277-294.	1.1	5
2030	Probiotics in Pediatrics. , 2022, , 305-328.		0

#	ARTICLE	IF	CITATIONS
2032	Interplay between probiotics and prebiotics for human nutrition and health. , 2022, , 231-254.		1
2035	Probiotics in gastrointestinal surgery. , 2022, , 449-462.		0
2036	Agave Syrup: Chemical Analysis and Nutritional Profile, Applications in the Food Industry and Health Impacts. International Journal of Environmental Research and Public Health, 2022, 19, 7022.	1.2	8
2037	Multi-Omic Analyses Reveal Bifidogenic Effect and Metabolomic Shifts in Healthy Human Cohort Supplemented With a Prebiotic Dietary Fiber Blend. Frontiers in Nutrition, 0, 9, .	1.6	6
2038	A Cross-Talk between Diet and the Oral Microbiome: Balance of Nutrition on Inflammation and Immune System's Response during Periodontitis. Nutrients, 2022, 14, 2426.	1.7	25
2039	Edible plant by-products as source of polyphenols: prebiotic effect and analytical methods. Critical Reviews in Food Science and Nutrition, 2023, 63, 10814-10835.	5.4	7
2040	The Emerging Roles of Human Gut Microbiota in Gastrointestinal Cancer. Frontiers in Immunology, 0, 13, .	2.2	5
2041	Tea phenolics as prebiotics. Trends in Food Science and Technology, 2022, 127, 156-168.	7.8	12
2042	Manipulation of Gut Microbiota as a Key Target for Crohn's Disease. Frontiers in Medicine, 0, 9, .	1.2	13
2043	Intestinal Microbiota - An Unmissable Bridge to Severe Acute Pancreatitis-Associated Acute Lung Injury. Frontiers in Immunology, 0, 13, .	2.2	9
2044	Isolation and characterization of exopolysaccharide derived from Lacticaseibacillus paracasei AS20(1) with probiotic potential and evaluation of its antibacterial activity. Letters in Applied Microbiology, 2022, 75, 967-981.	1.0	7
2045	Gut microbiota in obesity and related comorbidities in children and adolescents: the role of biotics in treatment. Minerva Pediatrics, 0, , .	0.2	3
2046	Effects of Dietary Fibers on Short-Chain Fatty Acids and Gut Microbiota Composition in Healthy Adults: A Systematic Review. Nutrients, 2022, 14, 2559.	1.7	31
2047	Euglena gracilis Promotes Lactobacillus Growth and Antioxidants Accumulation as a Potential Next-Generation Prebiotic. Frontiers in Nutrition, 0, 9, .	1.6	5
2048	Prebiotic Isomaltooligosaccharide Provides an Advantageous Fitness to the Probiotic Bacillus subtilis CU1. Applied Sciences (Switzerland), 2022, 12, 6404.	1.3	2
2049	Chitosan and Chitoooligosaccharide: The Promising Non-Plant-Derived Prebiotics with Multiple Biological Activities. International Journal of Molecular Sciences, 2022, 23, 6761.	1.8	38
2050	Characteristics of Gut Microbiome and Its Metabolites, Short-Chain Fatty Acids, in Children With Idiopathic Short Stature. Frontiers in Endocrinology, 0, 13, .	1.5	6
2051	Biogenic action of Lactobacillus plantarum SBT2227 promotes sleep in Drosophila melanogaster. IScience, 2022, 25, 104626.	1.9	3

#	ARTICLE	IF	CITATIONS
2052	Structural, physicochemical properties, and digestibility of lotus seed starch-conjugated linoleic acid complexes. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 601-609.	3.6	8
2053	Can probiotics and prebiotics contribute to healthy ageing?. <i>Nutrition and Healthy Aging</i> , 2022, , 1-7.	0.5	0
2054	Structure and function of non-digestible carbohydrates in the gut microbiome. <i>Beneficial Microbes</i> , 2022, 13, 95-168.	1.0	26
2055	Protective effects of <i>Lactocaseibacillus rhamnosus</i> Hao9 on dextran sulphate sodium-induced ulcerative colitis in mice. <i>Journal of Applied Microbiology</i> , 2022, 133, 2039-2049.	1.4	12
2056	Effect of Probiotics on Host-Microbial Crosstalk: A Review on Strategies to Combat Diversified Strain of Coronavirus. <i>Encyclopedia</i> , 2022, 2, 1138-1153.	2.4	0
2057	Rapid, real-time sucrose characterization: Showcasing the feasibility of a one-pot activity assay. <i>Journal of Biotechnology</i> , 2022, 354, 21-33.	1.9	0
2058	The gut-lung axis in severe acute Pancreatitis-associated lung injury: The protection by the gut microbiota through short-chain fatty acids. <i>Pharmacological Research</i> , 2022, 182, 106321.	3.1	25
2059	Synbiotic modulates intestinal microbiota metabolic pathways and inhibits DMH-induced colon tumorigenesis through c-myc and PCNA suppression. <i>Food Research International</i> , 2022, 158, 111379.	2.9	7
2060	Effect of the addition of the probiotic <i>Bifidobacterium animalis</i> subsp. <i>Lactis</i> (BB-12) in free and microencapsulated form and the prebiotic inulin to synbiotic dry coppa. <i>Food Research International</i> , 2022, 158, 111544.	2.9	4
2061	Rethinking healthy eating in light of the gut microbiome. <i>Cell Host and Microbe</i> , 2022, 30, 764-785.	5.1	65
2062	Probiotics, Prebiotics, and Synbiotics in Human Health. <i>Food Chemistry, Function and Analysis</i> , 2022, , 86-119.	0.1	0
2063	Improvement of the quality parameters of a novel synbiotic yogurt sauce using microencapsulated <i>Lactobacillus paracasei</i> and natural prebiotics. <i>Food Science and Technology</i> , 0, 42, .	0.8	4
2064	Structural characteristics of sulfated polysaccharides from <i>Sargassum horneri</i> and immune-enhancing activity of polysaccharides combined with lactic acid bacteria. <i>Food and Function</i> , 2022, 13, 8214-8227.	2.1	5
2065	Mechanisms of Short-Chain Fatty Acids Derived from Gut Microbiota in Alzheimer's Disease. , 2022, 13, 1252.		30
2067	Growth and Gastrointestinal Tolerance in Healthy Term Infants Fed Milk-Based Infant Formula Supplemented with Five Human Milk Oligosaccharides (HMOs): A Randomized Multicenter Trial. <i>Nutrients</i> , 2022, 14, 2625.	1.7	19
2068	The Activity of Prebiotics and Probiotics in Hepatogastrointestinal Disorders and Diseases Associated with Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7229.	1.8	8
2069	Probiotics, Prebiotics, Synbiotics, and Fermented Foods as Potential Biotics in Nutrition Improving Health via Microbiome-Gut-Brain Axis. <i>Fermentation</i> , 2022, 8, 303.	1.4	42
2070	Prebiotics, Probiotics, and Postbiotics in the Prevention and Treatment of Anemia. <i>Microorganisms</i> , 2022, 10, 1330.	1.6	13



#	ARTICLE	IF	CITATIONS
2071	Interactions between central nervous system and peripheral metabolic organs. <i>Science China Life Sciences</i> , 2022, 65, 1929-1958.	2.3	18
2072	Ileal Pouchâ€“Anal Anastomosis and Pouchitis: The Role of the Microbiota in the Pathogenesis and Therapy. <i>Nutrients</i> , 2022, 14, 2610.	1.7	4
2073	Understanding the health benefits and technological properties of Î²-glucan for the development of easy-to-swallow gels to guarantee food security among seniors. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11504-11521.	5.4	2
2074	Microbiome-based personalized nutrition as a result of the 4.0 technological revolution: A mini literature review. <i>Process Biochemistry</i> , 2022, 121, 257-262.	1.8	17
2075	Bile acid metabolism and signaling, the microbiota, and metabolic disease. , 2022, 237, 108238.		62
2076	New hope for Parkinson's disease treatment: Targeting gut microbiota. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 1675-1688.	1.9	19
2077	Inulin fructans â€“ food applications and alternative plant sources: a review. <i>International Journal of Food Science and Technology</i> , 2022, 57, 5764-5780.	1.3	16
2078	An <i>in vitro</i> study: probiotic effects of edible palm hearts in batch human fecal fermentation system. <i>Journal of the Science of Food and Agriculture</i> , 0, , .	1.7	0
2079	The microbiome modulating potential of superheated steam (SHS) treatment of dietary fibres. <i>Innovative Food Science and Emerging Technologies</i> , 2022, , 103082.	2.7	4
2080	Pasteurization Modifies the Sensorial Attributes and Nutritional Profile of Orange Pulp By-Product. <i>Foods</i> , 2022, 11, 1973.	1.9	5
2081	Role of dietary fiber in promoting immune healthâ€”An EAACI position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3185-3198.	2.7	48
2082	Evaluation of Probiotic Properties of Galactooligosaccharides Produced by Transgalactosylation Using Partially Purified Î²-Galactosidase from <i>Enterobacter aerogenes</i> KCTC2190. <i>Applied Biochemistry and Biotechnology</i> , 2023, 195, 2294-2316.	1.4	2
2083	Efficacy of dietary supplements targeting gut microbiota in the prevention and treatment of gestational diabetes mellitus. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	8
2084	Probiotic effects of plant-derived (poly)phenols on host metabolism: Is there a role for short-chain fatty acids?. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 12285-12293.	5.4	2
2085	Clinical effects of probiotics on the functioning of the gut-brain axis in children. <i>Meditinskiy Sovet</i> , 2022, , 152-159.	0.1	0
2086	Perspective: Leveraging the Gut Microbiota to Predict Personalized Responses to Dietary, Probiotic, and Probiotic Interventions. <i>Advances in Nutrition</i> , 2022, 13, 1450-1461.	2.9	21
2087	Changes of intestinal microbiota and microbiota-based treatments in IBD. <i>Archives of Microbiology</i> , 2022, 204, .	1.0	3
2088	Study Protocol for a Randomised Controlled Trial Investigating the Effects of Maternal Probiotic Fibre Dietary Supplementation from Mid-Pregnancy to Six Monthsâ€™ Post-Partum on Child Allergic Disease Outcomes. <i>Nutrients</i> , 2022, 14, 2753.	1.7	2

#	ARTICLE	IF	CITATIONS
2089	The Effect of Prebiotics on Human Iron Absorption: A Review. <i>Advances in Nutrition</i> , 2022, 13, 2296-2304.	2.9	9
2090	Engineering <i>Saccharomyces cerevisiae</i> for the one-step production of a functional sweetening mixture towards food applications. <i>Food and Bioproducts Processing</i> , 2022, .	1.8	1
2091	An outlook on fluorescent in situ hybridization coupled to flow cytometry as a versatile technique to evaluate the effects of foods and dietary interventions on gut microbiota. <i>Archives of Microbiology</i> , 2022, 204, .	1.0	3
2092	The Role of Gut and Airway Microbiota in Pulmonary Arterial Hypertension. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	2
2093	Prebiotic Potential of a New Sweetener Based on Galactooligosaccharides and Modified Mogrosides. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 9048-9056.	2.4	10
2094	Polysaccharides from <i>Lyophyllum decastes</i> reduce obesity by altering gut microbiota and increasing energy expenditure. <i>Carbohydrate Polymers</i> , 2022, 295, 119862.	5.1	38
2095	<i>Sargassum horneri</i> as a Prebiotic Dietary Supplement for Immunity Development in <i>Streptococcus parauberis</i> Infected Zebrafish Model. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	5
2096	The Effect of Fiber Supplementation on Chronic Constipation in Adults: An Updated Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 953-969.	2.2	16
2097	The potential role of prebiotics, probiotics, and synbiotics in adjuvant cancer therapy especially colorectal cancer. <i>Journal of Food Biochemistry</i> , 2022, 46, .	1.2	9
2098	Roasting and frying modulate the phenolic profile of dark purple eggplant and differently change the colon microbiota and phenolic metabolites after in vitro digestion and fermentation in a gut model. <i>Food Research International</i> , 2022, 160, 111702.	2.9	6
2099	Grape seed and skin extract, a potential prebiotic with anti-obesity effect through gut microbiota modulation. <i>Gut Pathogens</i> , 2022, 14, .	1.6	9
2100	Current Use of Probiotics and Prebiotics in Allergy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 2219-2242.	2.0	20
2101	Probiotic Supplementation Prevents the Development of Ventilator-Associated Pneumonia for Mechanically Ventilated ICU Patients: A Systematic Review and Network Meta-analysis of Randomized Controlled Trials. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	4
2102	Microbiota alteration and modulation in Alzheimer's disease by gerobiotics: The gut-health axis for a good mind. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113430.	2.5	48
2103	Fructooligosaccharides as molecular markers of geographic origin, growing region, genetic background and prebiotic potential in strawberries: A TLC, HPAEC-PAD and FTIR study. , 2022, 1, 100064.		3
2104	Effects of sago starch on body weight, food intake, caecum short chain fatty acids, adipose tissue, and hepatic lipid content of fat-induced Sprague Dawley rats. , 2021, 28, 1057-1066.		2
2105	Microbiota in anorexia nervosa: potential for treatment. <i>Nutrition Research Reviews</i> , 2023, 36, 372-391.	2.1	4
2106	Gut microbiota-modulating agents in alcoholic liver disease: Links between host metabolism and gut microbiota. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	6

#	ARTICLE	IF	CITATIONS
2107	Harnessing the microbiome to prevent global biodiversity loss. <i>Nature Microbiology</i> , 2022, 7, 1726-1735.	5.9	74
2108	Co-Administration of Lactulose Crystals with Amoxicillin Followed by Prolonged Lactulose Treatment Promotes Recovery of the Human Gut Microbiome In Vitro. <i>Antibiotics</i> , 2022, 11, 962.	1.5	4
2109	Impact of gut microbiome on skin health: gut-skin axis observed through the lenses of therapeutics and skin diseases. <i>Gut Microbes</i> , 2022, 14, .	4.3	78
2110	Probiotics in anthocyanin-rich fruit beverages: research and development for novel synbiotic products. <i>Critical Reviews in Food Science and Nutrition</i> , 2024, 64, 110-126.	5.4	6
2111	A Narrative Review of Irritable Bowel Syndrome with Diarrhea: A Primer for Primary Care Providers. <i>Advances in Therapy</i> , 2022, 39, 4003-4020.	1.3	5
2112	Prebiotics and Probiotics in Vulvovaginal Infections. <i>Journal of SAFOG</i> , 2022, 14, 343-346.	0.1	0
2113	Inulin reduces visceral adipose tissue mass and improves glucose tolerance through altering gut metabolites. <i>Nutrition and Metabolism</i> , 2022, 19, .	1.3	7
2114	The Future of Synbiotics: Rational Formulation and Design. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	15
2115	Dietary Component-Induced Inflammation and Its Amelioration by Prebiotics, Probiotics, and Synbiotics. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	15
2117	Effects of Maternal Diet during Pregnancy or Lactation on the Development or Prevention of Allergic Diseases in Offspring. <i>Journal of the Korean Society of Maternal and Child Health</i> , 2022, 26, 121-131.	0.1	1
2118	An insight to potential application of synbiotic edible films and coatings in food products. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	10
2119	Impact of Environmental Pollutants on Gut Microbiome and Mental Health via the Gut-Brain Axis. <i>Microorganisms</i> , 2022, 10, 1457.	1.6	29
2120	<i>Lactobacillus salivarius</i> SNK-6 Activates Intestinal Mucosal Immune System by Regulating Cecal Microbial Community Structure in Laying Hens. <i>Microorganisms</i> , 2022, 10, 1469.	1.6	5
2121	Gut microbes and food reward: From the gut to the brain. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	13
2122	Valorization of biowastes from sustainable viticulture with bioactive potential: application in functional yogurt. <i>Journal of Food Science and Technology</i> , 0, , .	1.4	1
2123	Impact of Circular Brewer's Spent Grain Flour after In Vitro Gastrointestinal Digestion on Human Gut Microbiota. <i>Foods</i> , 2022, 11, 2279.	1.9	3
2124	Paradigm Shift in Phytochemicals Research: Evolution from Antioxidant Capacity to Anti-Inflammatory Effect and to Roles in Gut Health and Metabolic Syndrome. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8551-8568.	2.4	12
2125	The Potential of Honey as a Prebiotic Food to Re-engineer the Gut Microbiome Toward a Healthy State. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	16

#	ARTICLE	IF	CITATIONS
2126	The impact of dietary nutrient intake on gut microbiota in the progression and complications of chronic kidney disease. <i>Kidney International</i> , 2022, 102, 728-739.	2.6	8
2127	Assessment of the bifidogenic and antibacterial activities of xylooligosaccharide. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	4
2128	The impact of incorporating <i>Lactobacillus acidophilus</i> bacteriocin with inulin and FOS on yogurt quality. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
2129	The effects of xylo-oligosaccharides on regulating growth performance, nutrient utilization, gene expression of tight junctions, nutrient transporters, and cecal short chain fatty acids profile in <i>Eimeria</i> -challenged broiler chickens. <i>Poultry Science</i> , 2022, 101, 102125.	1.5	12
2130	Recycling of spent liquor for treating corn cobs to create digestible cellulose and enrich the xylooligosaccharide concentration. <i>Biomass Conversion and Biorefinery</i> , 0, , .	2.9	2
2131	Effects of Chronic <i>Bifidobacteria</i> Administration in Adult Male Rats on Plasma Metabolites: A Preliminary Metabolomic Study. <i>Metabolites</i> , 2022, 12, 762.	1.3	0
2132	New Insights into Boron Essentiality in Humans and Animals. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9147.	1.8	16
2133	A review: Resistant starch, a promising prebiotic for obesity and weight management. <i>Food Bioscience</i> , 2022, 50, 101965.	2.0	7
2134	Applications of Probiotic-Based Multi-Components to Human, Animal and Ecosystem Health: Concepts, Methodologies, and Action Mechanisms. <i>Microorganisms</i> , 2022, 10, 1700.	1.6	5
2135	Effect of Fructooligosaccharides Supplementation on the Gut Microbiota in Human: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2022, 14, 3298.	1.7	9
2136	Quality of Life in Inflammatory Bowel Diseases (IBDs) Patients after Surgery. <i>Reviews on Recent Clinical Trials</i> , 2022, 17, 227-239.	0.4	0
2137	Advanced "Green" Prebiotic Composite of Bacterial Cellulose/Pullulan Based on Synthetic Biology-Powered Microbial Coculture Strategy. <i>Polymers</i> , 2022, 14, 3224.	2.0	9
2138	The Role of the Human Gut Microbiome in Inflammatory Bowel Disease and Radiation Enteropathy. <i>Microorganisms</i> , 2022, 10, 1613.	1.6	3
2139	Gut microbiota remodeling: A promising therapeutic strategy to confront hyperuricemia and gout. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	22
2140	Prebiotic Properties of Exopolysaccharides from <i>Lactobacillus helveticus</i> LZ-R-5 and <i>L. pentosus</i> LZ-R-17 Evaluated by In Vitro Simulated Digestion and Fermentation. <i>Foods</i> , 2022, 11, 2501.	1.9	3
2141	Orally Ingested Probiotics, Prebiotics, and Synbiotics as Countermeasures for Respiratory Tract Infections in Nonelderly Adults: A Systematic Review and Meta-Analysis. <i>Advances in Nutrition</i> , 2022, 13, 2277-2295.	2.9	5
2142	Microbiota and COVID-19: Long-term and complex influencing factors. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	25
2143	The Biotics Family: Current Knowledge and Future Perspectives in Metabolic Diseases. <i>Life</i> , 2022, 12, 1263.	1.1	4

#	ARTICLE	IF	CITATIONS
2144	Cranberry polyphenols and agave agavins impact gut immune response and microbiota composition while improving gut barrier function, inflammation, and glucose metabolism in mice fed an obesogenic diet. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	24
2145	<i>Ganoderma</i> spp. polysaccharides are potential prebiotics: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2024, 64, 909-927.	5.4	10
2146	Dietary Fiber Modulates the Release of Gut Bacterial Products Preventing Cognitive Decline in an Alzheimer's Mouse Model. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 1595-1618.	1.7	19
2147	Colorectal Cancer and Microbiota Modulation for Clinical Use. A Systematic Review. <i>Nutrition and Cancer</i> , 0, , 1-17.	0.9	1
2148	Diet for Functional Gastrointestinal Disorders/Disorders of Gut-Brain Interaction. <i>Medical Clinics of North America</i> , 2022, 106, 899-912.	1.1	2
2149	Gut Microbiota Modulation as a Novel Therapeutic Strategy in Cardiometabolic Diseases. <i>Foods</i> , 2022, 11, 2575.	1.9	14
2150	Gut microbiota: A new target for T2DM prevention and treatment. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	29
2151	Prebiotics and Probiotics: Effects on Dyslipidemia and NAFLD/NASH and the Associated Mechanisms of Action. <i>Current Pharmaceutical Biotechnology</i> , 2023, 24, 633-646.	0.9	1
2152	Gut microbiota: Linking nutrition and perinatal depression. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	4
2153	The interplay between <i>Helicobacter pylori</i> and the gut microbiota: An emerging driver influencing the immune system homeostasis and gastric carcinogenesis. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	25
2154	The Emerging Promise with O-Glycosides of Important Dietary Phenolic Compounds. <i>European Journal of Organic Chemistry</i> , 0, , .	1.2	1
2155	Biotics in neonatal period: what's the evidence?. <i>Minerva Pediatrics</i> , 0, , .	0.2	0
2156	Sustainable Design of Innovative Kiwi Byproducts-Based Ingredients Containing Probiotics. <i>Foods</i> , 2022, 11, 2334.	1.9	3
2157	Benefits of Physical Exercise as Approach to Prevention and Reversion of Non-Alcoholic Fatty Liver Disease in Children and Adolescents with Obesity. <i>Children</i> , 2022, 9, 1174.	0.6	5
2158	Online information in Spanish on probiotics, yoghurt, kefir, kombucha, fibre and prebiotics: an analysis of the quality of information and the certainty of the evidence supporting health claims. <i>BMJ Open</i> , 2022, 12, e063316.	0.8	1
2159	Agar content of estuarine seaweed <i>Gracilaria</i> using different cultivation methods. <i>Applied Food Research</i> , 2022, 2, 100209.	1.4	3
2160	Effect of prebiotic fermentation products from primary human gut microbiota on an in vitro intestinal model. <i>Journal of Functional Foods</i> , 2022, 96, 105200.	1.6	4
2161	Psoriasis: Interplay between dysbiosis and host immune system. <i>Autoimmunity Reviews</i> , 2022, 21, 103169.	2.5	15

#	ARTICLE	IF	CITATIONS
2162	Nutraceutical formulations combining <i>Limosilactobacillus fermentum</i> , quercetin, and or resveratrol with beneficial impacts on the abundance of intestinal bacterial populations, metabolite production, and antioxidant capacity during colonic fermentation. <i>Food Research International</i> , 2022, 161, 111800.	2.9	11
2163	Innovations in the veterinary intestinal health field: A patent landscape analysis. <i>One Health</i> , 2022, 15, 100419.	1.5	3
2164	Emerging Evidence on the Use of Probiotics and Prebiotics to Improve the Gut Microbiota of Older Adults with Frailty Syndrome: A Narrative Review. <i>Journal of Nutrition, Health and Aging</i> , 2022, 26, 926-935.	1.5	4
2165	Significance of Gut Microbiota and Short-Chain Fatty Acids in Heart Failure. <i>Nutrients</i> , 2022, 14, 3758.	1.7	11
2166	Role of the Gut Microbiome in Skeletal Muscle Physiology and Pathophysiology. <i>Current Osteoporosis Reports</i> , 2022, 20, 422-432.	1.5	6
2167	Effects of inulin supplementation on inflammatory biomarkers and clinical symptoms of women with obesity and depression on a calorie-restricted diet: a randomised controlled clinical trial. <i>British Journal of Nutrition</i> , 2023, 129, 1897-1907.	1.2	6
2169	Î <sup>2</sup> -galactosidase as an industrial enzyme: production and potential. <i>Chemical Papers</i> , 2023, 77, 11-31.	1.0	7
2170	Meta-analysis of the efficacy of probiotics to treat diarrhea. <i>Medicine (United States)</i> , 2022, 101, e30880.	0.4	3
2171	<i>Aspergillus welwitschiae</i> inulinase enzyme cocktails obtained on agro-material inducers for the purpose of fructooligosaccharides production. <i>Food Research International</i> , 2022, 160, 111755.	2.9	4
2172	Role of short chain fatty acids in gut health and possible therapeutic approaches in inflammatory bowel diseases. <i>World Journal of Clinical Cases</i> , 0, 10, 9985-10003.	0.3	14
2173	Effects of mannan oligosaccharides (MOS) on glucose and lipid metabolism of largemouth bass ( <i>Micropterus salmoides</i> ) fed with high carbohydrate diet. <i>Animal Feed Science and Technology</i> , 2022, 292, 115449.	1.1	4
2174	Treatments targeting the luminal gut microbiota in patients with irritable bowel syndrome. <i>Current Opinion in Pharmacology</i> , 2022, 66, 102284.	1.7	2
2175	Fruit bioactive compounds: Effect on lactic acid bacteria and on intestinal microbiota. <i>Food Research International</i> , 2022, 161, 111809.	2.9	14
2176	Fruit by-products as potential prebiotics and promising functional ingredients to produce fermented milk. <i>Food Research International</i> , 2022, 161, 111841.	2.9	7
2177	Developing novel synbiotic yoghurt with <i>Lactocaseibacillus paracasei</i> and lactitol: Investigation of the microbiology, textural and rheological properties. <i>International Dairy Journal</i> , 2022, 135, 105475.	1.5	8
2178	Chromatographic fractionation of food-grade oligosaccharides: Recognizing and avoiding sensory-relevant impurities. <i>Food Chemistry</i> , 2023, 401, 134071.	4.2	2
2179	Prospective role of prebiotics and probiotics in gut immunity. , 2022, , 387-404.		1
2180	Mikrobiom und Inflammation bei Adipositas. , 2022, , 473-479.		0

#	ARTICLE	IF	CITATIONS
2181	Effects of infant allergen/immunogen exposure on long-term health outcomes. , 2022, , 153-188.		0
2182	Probiotics and prebiotics. , 2022, , .		0
2183	Supplementing a Specific Synbiotic Can Suppress the Incidence of AOM/DSS-Induced Colorectal Cancer in Mice. SSRN Electronic Journal, 0, , .	0.4	0
2184	Polypharmacology in Clinical Applications: Gastrointestinal Polypharmacology. , 2022, , 301-321.		1
2185	Healthy gut microbiome in the prevention of colorectal cancer. , 2022, , 315-328.		0
2186	Physicochemical properties and bioactivity of polysaccharides from <i>Isaria cicadae</i> Miquel with different extraction processes: effects on gut microbiota and immune response in mice. Food and Function, 2022, 13, 9268-9284.	2.1	11
2187	Impact of polyphenols on human gut microbiome and associated biomarkers. , 2022, , 25-40.		1
2188	Polyphenols applications in food industry sector. , 2022, , 301-336.		0
2189	Immunological paradox for maintaining normal flora: it is all by design, not by chance. , 2022, , 39-73.		0
2190	Modulating the gut microenvironment as a treatment strategy for irritable bowel syndrome: a narrative review. Gut Microbiome, 2022, 3, .	0.8	0
2191	Nutritional benefits of fruit and vegetable beverages obtained by lactic acid fermentation. , 2023, , 177-198.		1
2192	Impact of bioactive lipids on gut microbiota. , 2023, , 191-207.		0
2193	Gellan gum prevents non-alcoholic fatty liver disease by modulating the gut microbiota and metabolites. Food Chemistry, 2023, 400, 134038.	4.2	9
2194	Heterologous expression of a novel linoleic acid isomerase BBI, and effect of fusion tags on its performance. Current Research in Food Science, 2022, 5, 2053-2060.	2.7	3
2195	Structural and Biochemical Characterization of a Nonbinding SusD-Like Protein Involved in Xylooligosaccharide Utilization by an Uncultured Human Gut <i>Bacteroides</i> Strain. MSphere, 2022, 7, .	1.3	5
2196	Probiotics in the Management of Mental and Gastrointestinal Post-COVID Symptoms. Journal of Clinical Medicine, 2022, 11, 5155.	1.0	5
2197	Meta-Analysis and Validation of a Colorectal Cancer Risk Prediction Model Using Deep Sequenced Fecal Metagenomes. Cancers, 2022, 14, 4214.	1.7	3
2198	Plant-Derived (Poly)phenols and Their Metabolic Outcomes: The Pursuit of a Role for the Gut Microbiota. Nutrients, 2022, 14, 3510.	1.7	8

#	ARTICLE	IF	CITATIONS
2199	Antioxidant Activity of <i>Vitis davidii</i> Foex Seed and Its Effects on Gut Microbiota during Colonic Fermentation after In Vitro Simulated Digestion. <i>Foods</i> , 2022, 11, 2615.	1.9	4
2201	The Role of Infant Formulas in the Primary Prevention of Allergies in Non-Breastfed Infants at Risk of Developing Allergies—Recommendations from a Multidisciplinary Group of Experts. <i>Nutrients</i> , 2022, 14, 4016.	1.7	2
2202	The gastrointestinal and microbiome impact of a resistant starch blend from potato, banana, and apple fibers: A randomized clinical trial using smart caps. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	3
2203	Association of prebiotic fiber intake with colorectal cancer risk: the PrebiotiCa study. <i>European Journal of Nutrition</i> , 2023, 62, 455-464.	1.8	10
2204	The Potential of Pectins to Modulate the Human Gut Microbiota Evaluated by In Vitro Fermentation: A Systematic Review. <i>Nutrients</i> , 2022, 14, 3629.	1.7	19
2205	Combined probiotics attenuate chronic unpredictable mild stress-induced depressive-like and anxiety-like behaviors in rats. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	15
2207	Prebiotics enhance persistence of fermented-food associated bacteria in in vitro cultivated fecal microbial communities. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	2
2208	Xylan Prebiotics and the Gut Microbiome Promote Health and Wellbeing: Potential Novel Roles for Pentosan Polysulfate. <i>Pharmaceuticals</i> , 2022, 15, 1151.	1.7	2
2209	Antioxidant properties of polyphenols from snow chrysanthemum ( <i>Coreopsis tinctoria</i> ) and the modulation on intestinal microflora <i>in vitro</i> . <i>Pharmaceutical Biology</i> , 2022, 60, 1771-1780.	1.3	5
2211	Marine Macroalgae in Rabbit Nutrition—A Valuable Feed in Sustainable Farming. <i>Animals</i> , 2022, 12, 2346.	1.0	8
2212	Lactobacilli: Legal Regulation and Prospects for New Generation Drugs. <i>Applied Biochemistry and Microbiology</i> , 2022, 58, 652-664.	0.3	7
2213	Short- and Long-Term Effects of a Prebiotic Intervention with Polyphenols Extracted from European Black Elderberry—Sustained Expansion of <i>Akkermansia</i> spp.. <i>Journal of Personalized Medicine</i> , 2022, 12, 1479.	1.1	7
2214	Review on Preventive Measures to Reduce Post-Weaning Diarrhoea in Piglets. <i>Animals</i> , 2022, 12, 2585.	1.0	19
2215	Inflammatory bowel disease therapeutic strategies by modulation of the microbiota: how and when to introduce pre-, pro-, syn-, or postbiotics?. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 323, G523-G553.	1.6	6
2216	Maternal Supplementation of Probiotics, Prebiotics or Postbiotics to Prevent Offspring Metabolic Syndrome: The Gap between Preclinical Results and Clinical Translation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10173.	1.8	2
2217	Glycerol strengthens probiotic effect of <i>Limosilactobacillus reuteri</i> in oral biofilms: A synergistic synbiotic approach. <i>Molecular Oral Microbiology</i> , 2022, 37, 266-275.	1.3	7
2218	Biotics in allergic diseases: state of the art and future perspectives. <i>Minerva Pediatrics</i> , 0, , .	0.2	0
2219	Unlocking a novel determinant of athletic performance: The role of the gut microbiota, short-chain fatty acids, and “cebiotics” in exercise. <i>Journal of Sport and Health Science</i> , 2023, 12, 36-44.	3.3	12



#	ARTICLE	IF	CITATIONS
2220	Antioxidant and biotechnological potential of <i>Pediococcus pentosaceus</i> RZ01 and <i>Lactocaseibacillus paracasei</i> RZ02 in a millet-based fermented substrate. <i>Systems Microbiology and Biomanufacturing</i> , 0, , .	1.5	0
2221	Effects of combined prebiotic, probiotic, IgG and amino acid supplementation on the gut microbiome of patients with inflammatory bowel disease. <i>Future Microbiology</i> , 2022, 17, 1307-1324.	1.0	6
2222	Gastrointestinal Microbiome and Multiple Health Outcomes: Umbrella Review. <i>Nutrients</i> , 2022, 14, 3726.	1.7	10
2223	Microbiome-based interventions to modulate gut ecology and the immune system. <i>Mucosal Immunology</i> , 2022, 15, 1095-1113.	2.7	42
2224	Gut Microbiota Dynamics in Relation to Long-COVID-19 Syndrome: Role of Probiotics to Combat Psychiatric Complications. <i>Metabolites</i> , 2022, 12, 912.	1.3	10
2225	Probiotic fermentation of polyphenols: potential sources of novel functional foods. <i>Food Production Processing and Nutrition</i> , 2022, 4, .	1.1	18
2227	An Updated Review on Prebiotics: Insights on Potentials of Food Seeds Waste as Source of Potential Prebiotics. <i>Molecules</i> , 2022, 27, 5947.	1.7	24
2228	Memory improvement in senile rats after prebiotic and probiotic supplementation is not induced by <sc>GLP</sc>â€1. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 1986-1992.	1.9	3
2229	Short-term supplementation with 3% polyunsaturated fatty acids modulates primarily mucolytic species from the gut luminal mucin niche in a human fermentation system. <i>Gut Microbes</i> , 2022, 14, .	4.3	11
2230	Biofilm-based delivery approaches and specific enrichment strategies of probiotics in the human gut. <i>Gut Microbes</i> , 2022, 14, .	4.3	6
2231	Role of Plant-Derived Prebiotic in Modulation of Human Gut Microflora: A Review. <i>Iranian Journal of Medical Microbiology</i> , 2022, 16, 368-375.	0.1	2
2233	Synbiotics, prebiotics and probiotics for solid organ transplant recipients. <i>The Cochrane Library</i> , 2022, 2022, .	1.5	3
2234	Sustainable Food Systems: The Case of Functional Compounds towards the Development of Clean Label Food Products. <i>Foods</i> , 2022, 11, 2796.	1.9	23
2235	Inulin accelerates weight loss in obese mice by regulating gut microbiota and serum metabolites. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	6
2236	Fermented Brewersâ€™ Spent Grain Containing Dextran and Oligosaccharides as Ingredient for Composite Wheat Bread and Its Impact on Gut Metabolome In Vitro. <i>Fermentation</i> , 2022, 8, 487.	1.4	5
2237	Functional and Healthy Yogurts Fortified with Probiotics and Fruit Peel Powders. <i>Fermentation</i> , 2022, 8, 469.	1.4	13
2238	In Vitro Screening of Non-Antibiotic Components to Mitigate Intestinal Lesions Caused by <i>Brachyspira hyodysenteriae</i> , <i>Lawsonia intracellularis</i> and <i>Salmonella enterica</i> Serovar Typhimurium. <i>Animals</i> , 2022, 12, 2356.	1.0	0
2239	Microbiota-Gut-Brain Axis Regulation of Adult Hippocampal Neurogenesis. <i>Brain Plasticity</i> , 2022, 8, 97-119.	1.9	21

#	ARTICLE	IF	CITATIONS
2240	Galactooligosaccharides: Physiological benefits, production strategies, and industrial application. <i>Journal of Biotechnology</i> , 2022, 359, 116-129.	1.9	7
2241	Goat milk as a natural source of bioactive compounds and strategies to enhance the amount of these beneficial components. <i>International Dairy Journal</i> , 2023, 137, 105515.	1.5	17
2242	Nutrition and Microbiome Interactions in Human Cancer. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2023, 123, 504-514.	0.4	2
2243	The promotion mechanism of prebiotics for probiotics: A review. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	49
2244	The early-life gut microbiome and vaccine efficacy. <i>Lancet Microbe</i> , The, 2022, 3, e787-e794.	3.4	23
2245	Topical prebiotics/postbiotics and PRURISCOPE validation in atopic dermatitis. International study of 396 patients. <i>Journal of Dermatological Treatment</i> , 2023, 34, .	1.1	4
2246	Role of microbiota and microbiota-derived short-chain fatty acids in <sc>PDAC</sc>. <i>Cancer Medicine</i> , 2023, 12, 5661-5675.	1.3	8
2247	Prebiotic potential of carbohydrates from defatted rice bran – Effect of physical extraction methods. <i>Food Chemistry</i> , 2023, 404, 134539.	4.2	1
2248	Growth promotion effect of red ginseng dietary fiber to probiotics and transcriptome analysis of <i>Lactiplantibacillus plantarum</i> . <i>Journal of Ginseng Research</i> , 2023, 47, 159-165.	3.0	7
2249	Effects of dietary mannan oligosaccharides (MOS) supplementation on metabolism, inflammatory response and gut microbiota of juvenile Nile tilapia ( <i>Oreochromis niloticus</i> ) fed with high carbohydrate diet. <i>Fish and Shellfish Immunology</i> , 2022, 130, 550-559.	1.6	17
2250	<i>Sorghum bicolor</i> (L.) Moench a multifarious crop -fodder to therapeutic potential and biotechnological applications: A future food for the millennium. <i>Future Foods</i> , 2022, 6, 100188.	2.4	6
2251	Inulin prebiotic dietary supplementation improves metabolic parameters by reducing the Toll-like receptor 4 transmembrane protein gene and interleukin 6 expression in adipose tissue. <i>PharmaNutrition</i> , 2022, 22, 100316.	0.8	1
2252	Targeting the Gut Microbiome in Cirrhosis. , 2022, , 311-319.		1
2253	Dietary modulation of inflammation. , 2022, , .		0
2254	Galacto-Oligosaccharides and Other Products Derived from Lactose. , 2022, , 125-228.		0
2255	Probiotic fermented beverages processed with water-soluble rice extract and added with curdlan oligosaccharides and oligofructose: physicochemical characteristics, rheological parameters, and storage stability. <i>Food Science and Technology</i> , 0, 42, .	0.8	0
2256	Impact of orange juice containing potentially prebiotic ingredients on human gut microbiota composition and its metabolites. <i>Food Chemistry</i> , 2023, 405, 134706.	4.2	4
2257	Functional Oligosaccharides Derived from Fruit-and-Vegetable By-Products and Wastes. <i>Horticulturae</i> , 2022, 8, 911.	1.2	2

#	ARTICLE	IF	CITATIONS
2258	Dietary Interventions in Inflammatory Bowel Disease. <i>Nutrients</i> , 2022, 14, 4261.	1.7	14
2259	Pea ( <i>Pisum sativum</i> L.) pod powder as a potential enhancer of probiotic <i>Enterococcus faecium</i> M74 in ice cream and its physicochemical, structural, and sensory effects. <i>Journal of the Science of Food and Agriculture</i> , 2023, 103, 3184-3193.	1.7	6
2260	Toward a Deeper Understanding of Gut Microbiome in Depression: The Promise of Clinical Applicability. <i>Advanced Science</i> , 2022, 9, .	5.6	26
2261	Gut microbiota: A target for prebiotics and probiotics in the intervention and therapy of food allergy. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-15.	5.4	3
2262	Sustainable Approaches Using Green Technologies for Apple By-Product Valorisation as A New Perspective into the History of the Apple. <i>Molecules</i> , 2022, 27, 6937.	1.7	4
2263	Ice cream as functional food: A review of health-promoting ingredients in the frozen dairy products. <i>Journal of Food Process Engineering</i> , 2022, 45, .	1.5	4
2264	Fortification of cocoa semi-skimmed milk formulations with native lactic acid bacteria: Cell viability, physicochemical and functional properties for developing novel foods. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
2266	Conversion of sacha inchi ( <i>Plukenetia volubilis</i> L.) residues into potential prebiotic oligosaccharides. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 6835-6848.	2.9	0
2267	Integrated Multi-Omics Analysis Reveals Differential Effects of Fructo-Oligosaccharides (FOS) Supplementation on the Human Gut Ecosystem. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11728.	1.8	0
2268	Apple Polyphenol Extract Suppresses <i>Clostridioides difficile</i> Infection in a Mouse Model. <i>Metabolites</i> , 2022, 12, 1042.	1.3	3
2269	Synbiotics and Their Antioxidant Properties, Mechanisms, and Benefits on Human and Animal Health: A Narrative Review. <i>Biomolecules</i> , 2022, 12, 1443.	1.8	13
2270	Wholegrain fermentation affects gut microbiota composition, phenolic acid metabolism and pancreatic beta cell function in a rodent model of type 2 diabetes. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	6
2271	Isomelezitose Overproduction by Alginate-Entrapped Recombinant <i>E. coli</i> Cells and In Vitro Evaluation of Its Potential Prebiotic Effect. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12682.	1.8	2
2272	Manipulating the microbiome to enhance oral tolerance in food allergy. <i>Cellular Immunology</i> , 2022, 382, 104633.	1.4	4
2273	11. Food microbiology. , 2022, , 215-245.		0
2274	Long-Term Lactulose Administration Improves Dysbiosis Induced by Antibiotic and <i>C. difficile</i> in the PathoGut™ SHIME Model. <i>Antibiotics</i> , 2022, 11, 1464.	1.5	3
2275	Maternal amoxicillin affects piglets colon microbiota: microbial ecology and metabolomics in a gut model. <i>Applied Microbiology and Biotechnology</i> , 0, , .	1.7	4
2276	Community dynamics of subgingival microbiome in periodontitis and targets for microbiome modulation therapy. <i>Critical Reviews in Microbiology</i> , 2023, 49, 726-738.	2.7	1

#	ARTICLE	IF	CITATIONS
2277	Eating Patterns and Dietary Interventions in ADHD: A Narrative Review. <i>Nutrients</i> , 2022, 14, 4332.	1.7	7
2278	Nutritional modulation of the gut microbiome in allogeneic hematopoietic stem cell transplantation recipients. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	17
2279	<i>Parabacteroides distasonis</i> Properties Linked to the Selection of New Biotherapeutics. <i>Nutrients</i> , 2022, 14, 4176.	1.7	6
2280	The critical role of gut microbiota in obesity. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	38
2281	<i>Auricularia polytricha</i> and <i>Flammulina velutipes</i> reduce liver injury in DSS-induced Inflammatory Bowel Disease by improving inflammation, oxidative stress, and apoptosis through the regulation of TLR4/NF- $\kappa$ B signaling pathways. <i>Journal of Nutritional Biochemistry</i> , 2023, 111, 109190.	1.9	9
2282	Effects of Dietary Supplementation with Probiotics and Prebiotics on Growth, Physiological Condition, and Resistance to Pathogens Challenge in Nile Tilapia ( <i>Oreochromis niloticus</i> ). <i>Fishes</i> , 2022, 7, 273.	0.7	7
2283	Sheep Milk Symbiotic Ice Cream: Effect of Inulin and Apple Fiber on the Survival of Five Probiotic Bacterial Strains during Simulated In Vitro Digestion Conditions. <i>Nutrients</i> , 2022, 14, 4454.	1.7	7
2285	Bioactive composition and modulatory effects of Hed-Tean-Rad Mushroom, <i>Macrocybe crassa</i> on gut microbiota. <i>3 Biotech</i> , 2022, 12, .	1.1	2
2286	Dietary fiber aids in the management of canine and feline gastrointestinal disease. <i>Journal of the American Veterinary Medical Association</i> , 2022, 260, S33-S45.	0.2	5
2287	The Interplay between Gut Microbiota and Parkinson's Disease: Implications on Diagnosis and Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12289.	1.8	21
2288	High-Molecular-Weight Dextran-Type Exopolysaccharide Produced by the Novel <i>Apilactobacillus waqarii</i> Improves Metabolic Syndrome: In Vitro and In Vivo Analyses. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12692.	1.8	3
2290	Dietary-Fibre-Rich Fractions Isolated from Broccoli Stalks as a Potential Functional Ingredient with Phenolic Compounds and Glucosinolates. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13309.	1.8	5
2291	Effects of deep frying vegetable oils rich in PUFAs on gut microbiota in rats. <i>International Journal of Food Science and Technology</i> , 2023, 58, 37-44.	1.3	3
2292	Fecal excretion kinetics provides further support for polyphenols targeting microbiota: An example with prebiotic-like phlorizin. <i>Food Chemistry</i> , 2023, 405, 134838.	4.2	1
2293	Effect of Resistant Dextrin on Intestinal Gas Homeostasis and Microbiota. <i>Nutrients</i> , 2022, 14, 4611.	1.7	6
2294	The use of probiotics and prebiotics can enable the ingestion of dairy products by lactose intolerant individuals. <i>Clinical Nutrition</i> , 2022, 41, 2644-2650.	2.3	3
2295	Comparative study on alleviating effect of kiwi berry ( <i>Actinidia arguta</i> ) polysaccharide and polyphenol extracts on constipated mice. <i>Food Research International</i> , 2022, 162, 112037.	2.9	14
2296	Elaboration, characterization, and probiotic viability of synbiotic non-dairy drink based on coconut. <i>Ciencia Rural</i> , 2023, 53, .	0.3	0

#	ARTICLE	IF	CITATIONS
2297	Gut microbe interactions: roles, benefits, and applications. , 2023, , 227-274.		1
2298	Gastrointestinal symptoms, gut microbiome, probiotics and prebiotics in anorexia nervosa: A review of mechanistic rationale and clinical evidence. <i>Psychoneuroendocrinology</i> , 2023, 147, 105959.	1.3	21
2299	Untargeted metabolomics of fermented onion ( <i>Allium cepa</i> L) using UHPLC Q-TOF MS/MS reveals anti-obesity metabolites and in vivo efficacy in <i>Caenorhabditis elegans</i> . <i>Food Chemistry</i> , 2023, 404, 134710.	4.2	3
2300	Adulteration and Safety Issues in Nutraceuticals and Functional Foods. <i>RSC Polymer Chemistry Series</i> , 2022, , 155-188.	0.1	0
2301	Potential of Biobased Technologies in Nutraceuticals for the Prevention and Treatment of Cancer. <i>RSC Polymer Chemistry Series</i> , 2022, , 189-231.	0.1	0
2302	Brain Food: The Impact of Diet, Nutrition, and Nutraceuticals on the Brain and the Microbiota-Gut-Brain Axis. , 2022, , 303-357.		0
2303	Precise Nutrition and Metabolic Syndrome, Remodeling the Microbiome with Polyphenols, Probiotics, and Postbiotics. , 2022, , 145-178.		0
2304	Obesity: The Impact on Host Systems Affecting Mobility and Navigation through the Environment. <i>European Medical Journal (Chelmsford, England)</i> , 0, , 63-70.	3.0	1
2306	Wettability of Probiotic Powders: Fundamentals, Methodologies, and Applications. , 0, , .		0
2307	Effects of Microencapsulated Sodium Butyrate, Probiotics and Short Chain Fructooligosaccharides in Patients with Irritable Bowel Syndrome: A Study Protocol of a Randomized Double-Blind Placebo-Controlled Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 6587.	1.0	1
2308	Synbiotics as potent functional food: recent updates on therapeutic potential and mechanistic insight. <i>Journal of Food Science and Technology</i> , 2024, 61, 1-15.	1.4	1
2309	Chicory Taproot Production: Effects of Biostimulants under Partial or Full Controlled Environmental Conditions. <i>Agronomy</i> , 2022, 12, 2816.	1.3	3
2310	Emergence of nutrigenomics and dietary components as a complementary therapy in cancer prevention. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	3
2311	Intestinal microbiota: A promising therapeutic target for hypertension. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	3
2312	Recent advances in targeted manipulation of the gut microbiome by prebiotics: from taxonomic composition to metabolic function. <i>Current Opinion in Food Science</i> , 2023, 49, 100959.	4.1	4
2313	Application of probiotics, prebiotics and synbiotics in patients with breast cancer: a systematic review and meta-analysis protocol for randomised controlled trials. <i>BMJ Open</i> , 2022, 12, e064417.	0.8	1
2314	Effect of partially hydrolyzed guar gum on the composition and metabolic function of the intestinal flora of healthy mice. <i>Journal of Food Biochemistry</i> , 2022, 46, .	1.2	2
2315	Role of microbes in colorectal cancer therapy: Cross-talk between the microbiome and tumor microenvironment. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5

#	ARTICLE	IF	CITATIONS
2316	Gut microbiome studies in CKD: opportunities, pitfalls and therapeutic potential. <i>Nature Reviews Nephrology</i> , 2023, 19, 87-101.	4.1	19
2317	Wheat bran as potential source of dietary fiber: Prospects and challenges. <i>Journal of Food Composition and Analysis</i> , 2023, 116, 105030.	1.9	12
2318	Human gut homeostasis and regeneration: the role of the gut microbiota and its metabolites. <i>Critical Reviews in Microbiology</i> , 2023, 49, 764-785.	2.7	4
2319	Different Impacts of Heat-Killed and Viable <i>Lactiplantibacillus plantarum</i> TWK10 on Exercise Performance, Fatigue, Body Composition, and Gut Microbiota in Humans. <i>Microorganisms</i> , 2022, 10, 2181.	1.6	8
2320	Assessment of shelf-life and metabolic viability of a multi-strain synbiotic using standard and innovative enumeration technologies. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3
2321	How to employ metabolomic analysis to research on functions of prebiotics and probiotics in poultry gut health?. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1
2322	Intake of prebiotic fibers and the risk of laryngeal cancer: the PrebiotiCa study. <i>European Journal of Nutrition</i> , 0, , .	1.8	1
2323	Effects of <i>Bacillus subtilis</i> BSNK-5-Fermented Soymilk on the Gut Microbiota by In Vitro Fecal Fermentation. <i>Foods</i> , 2022, 11, 3501.	1.9	1
2324	Probiotic lactic acid bacteria isolated from traditional cameroonian palm wine and corn beer exhibiting cholesterol lowering activity. <i>Heliyon</i> , 2022, 8, e11708.	1.4	6
2325	A review on the gastrointestinal protective effects of tropical fruit polyphenols. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 7197-7223.	5.4	13
2326	The Athlete Gut Microbiome and its Relevance to Health and Performance: A Review. <i>Sports Medicine</i> , 2022, 52, 119-128.	3.1	9
2327	Gut microbiome in type 1 diabetes: the immunological perspective. <i>Expert Review of Clinical Immunology</i> , 2023, 19, 93-109.	1.3	4
2328	Enhanced quorum sensing capacity via regulating microenvironment to facilitate stress resistance of probiotic in alginate-based microcapsules. <i>International Journal of Biological Macromolecules</i> , 2023, 225, 605-614.	3.6	5
2329	Ingredients from integral valorization of Isabel grape to formulate goat yogurt with stimulatory effects on probiotics and beneficial impacts on human colonic microbiota in vitro. <i>Food Science and Human Wellness</i> , 2023, 12, 1331-1342.	2.2	7
2330	Modulation of gut microbiota, blood metabolites, and disease resistance by dietary $\beta$ -glucan in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Animal Microbiome</i> , 2022, 4, .	1.5	6
2331	Bioactive compounds in childhood obesity and associated metabolic complications: Current evidence, controversies and perspectives. <i>Pharmacological Research</i> , 2023, 187, 106599.	3.1	5
2332	Inulin intervention attenuates hepatic steatosis in rats via modulating gut microbiota and maintaining intestinal barrier function. <i>Food Research International</i> , 2023, 163, 112309.	2.9	17
2333	In vitro simulated digestion of and microbial characteristics in colonic fermentation of polysaccharides from four varieties of Tibetan tea. <i>Food Research International</i> , 2023, 163, 112255.	2.9	11

#	ARTICLE	IF	CITATIONS
2334	The modulatory effect of encapsulated bioactives and probiotics on gut microbiota: improving health status through functional food. <i>Food and Function</i> , 2023, 14, 32-55.	2.1	7
2335	Nutritional composition of green asparagus ( <i>Asparagus officinalis</i> L.), edible part and by-products, and assessment of their effect on the growth of human gut-associated bacteria. <i>Food Research International</i> , 2023, 163, 112284.	2.9	7
2336	Use of water-soluble soy extract and inulin as ingredients to produce a fermented dairy beverage made from caprine milk. <i>Food Science and Technology</i> , 0, 43, .	0.8	0
2337	Effects of boiling and steaming process on dietary fiber components and in vitro fermentation characteristics of 9 kinds of whole grains. <i>Food Research International</i> , 2023, 164, 112328.	2.9	4
2338	Heterogeneity in major depressive disorder: The need for biomarker-based personalized treatments. <i>Advances in Clinical Chemistry</i> , 2023, , 1-67.	1.8	8
2339	Effects of dietary Jerusalem artichoke ( <i>Helianthus tuberosus</i> ) tuber powder and medium/long-chain fatty acids on production performance and fatty acid profile in laying hens. <i>Indian Journal of Animal Sciences</i> , 2022, 90, 428-432.	0.1	0
2340	Prebiotic potential of Puããj and Gabiroba fruit by-products from Cerrado Savannah. <i>Food Biotechnology</i> , 2022, 36, 371-393.	0.6	2
2341	Effects of arabinoxylan and chlorogenic acid on the intestinal microbiota in dextran sulfate sodiumã€treated mice. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
2342	The Potential Role of Human Milk Oligosaccharides in Irritable Bowel Syndrome. <i>Microorganisms</i> , 2022, 10, 2338.	1.6	2
2343	Heatã€killed <i>Lactobacillus murinus</i> confers neuroprotection against dopamine neuronal loss by targeting <i>NLRP3</i> inflammasome. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	6
2344	Chardonnay Marc as a New Model for Upcycled Co-products in the Food Industry: Concentration of Diverse Natural Products Chemistry for Consumer Health and Sensory Benefits. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 15007-15027.	2.4	3
2345	Comparative Analysis of Mannans Extraction Processes from Spent Yeast <i>Saccharomyces cerevisiae</i> . <i>Foods</i> , 2022, 11, 3753.	1.9	7
2347	Prebiotic Effects of Chinese Herbal Polysaccharides on NAFLD Amelioration: The Preclinical Progress. <i>Natural Product Communications</i> , 2022, 17, 1934578X2211247.	0.2	0
2348	Beyond probiotics: a narrative review on an era of revolution. <i>Food Science and Biotechnology</i> , 2023, 32, 413-421.	1.2	9
2349	Reduced-particle size wheat bran and endoxylanase supplementation in broiler feed affect arabinoxylan hydrolysis and fermentation with broiler age differently. <i>Animal Nutrition</i> , 2023, 12, 308-320.	2.1	2
2350	<i>Punica granatum</i> Peel Waste - An Underutilized Substrate of Therapeutic Potential: An Overview. , 2022, 13, 103-119.		2
2351	Renal Health Improvement in Diabetes through Microbiome Modulation of the Gutã€Kidney Axis with Biotics: A Systematic and Narrative Review of Randomized Controlled Trials. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14838.	1.8	6
2352	Efficiency of Treatment Targeted on Gut Microbiota in Inflammatory Bowel Diseases: Current Strategies and Perspectives. , 0, , .		0

#	ARTICLE	IF	CITATIONS
2353	Galactooligosaccharides: Food technological applications, prebiotic health benefits, microbiome modulation, and processing considerations. <i>JSFA Reports</i> , 2022, 2, 578-590.	0.2	2
2354	Viral infectious diseases severity: co-presence of transcriptionally active microbes (TAMs) can play an integral role for disease severity. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
2355	Perigestational exposure of a combination of a high-fat diet and pesticide impacts the metabolic and microbiotic status of dams and pups; a preventive strategy based on prebiotics. <i>European Journal of Nutrition</i> , 0, , .	1.8	1
2356	Crosstalk between Resveratrol and Gut Barrier: A Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15279.	1.8	3
2357	Cerrado and Pantanal fruit flours affect gut microbiota composition in healthy and COVID-19 individuals: an <i>in vitro</i> pilot fermentation study. <i>International Journal of Food Science and Technology</i> , 2023, 58, 4495-4510.	1.3	2
2358	Longitudinal Study of the Effects of <i>Flammulina velutipes</i> Stipe Wastes on the Cecal Microbiota of Laying Hens. <i>MSystems</i> , 2023, 8, .	1.7	2
2359	Gut microbiota in acute leukemia: Current evidence and future directions. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	6
2360	A water-soluble tomato extract rich in secondary plant metabolites lowers trimethylamine-n-oxide and modulates gut microbiota: a randomized, double-blind, placebo-controlled cross-over study in overweight and obese adults. <i>Journal of Nutrition</i> , 2023, 153, 96-105.	1.3	2
2361	Advancement in Therapeutic Intervention of Prebiotic-Based Nanoparticles for Colonic Diseases. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 6639-6654.	3.3	2
2362	Structural analysis and prebiotic activity of exopolysaccharide produced by probiotic strain <i>Bifidobacterium bifidum</i> EPS DA-LAIM. <i>Food Science and Biotechnology</i> , 2023, 32, 517-529.	1.2	7
2363	Antibiotic Resistance and Microbiota Response. <i>Current Pharmaceutical Design</i> , 2023, 29, 356-364.	0.9	10
2364	Potential Probiotic Properties of Exopolysaccharide-Producing <i>Lactocaseibacillus paracasei</i> EPS DA-BACS and Prebiotic Activity of Its Exopolysaccharide. <i>Microorganisms</i> , 2022, 10, 2431.	1.6	6
2365	The Microbiome in Systemic Sclerosis: Pathophysiology and Therapeutic Potential. <i>International Journal of Molecular Sciences</i> , 2022, 23, 16154.	1.8	2
2366	Microbiome-Targeted Therapies as an Adjunct to Traditional Weight Loss Interventions: A Systematic Review and Meta-Analysis. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 0, Volume 15, 3777-3798.	1.1	1
2367	Probiotics, prebiotics, and synbiotics in chronic constipation: Outstanding aspects to be considered for the current evidence. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	11
2368	The Role of the Microbiome in Connective-Tissue-Associated Interstitial Lung Disease and Pulmonary Vasculitis. <i>Biomedicines</i> , 2022, 10, 3195.	1.4	2
2369	Prebiotics for people with cystic fibrosis. <i>The Cochrane Library</i> , 2022, 2022, .	1.5	1
2370	Assessment of Potential Probiotic and Synbiotic Properties of Lactic Acid Bacteria Grown <i>In Vitro</i> with Starch-Based Soluble Corn Fiber or Inulin. <i>Foods</i> , 2022, 11, 4020.	1.9	4



#	ARTICLE	IF	CITATIONS
2371	Alterations of the gut microbiota in coronavirus disease 2019 and its therapeutic potential. World Journal of Gastroenterology, 0, 28, 6689-6701.	1.4	6
2372	Prebiotics improve osteoporosis indicators in a preclinical model: systematic review with meta-analysis. Nutrition Reviews, 2023, 81, 891-903.	2.6	1
2373	Functional constipation and the effect of prebiotics on the gut microbiota: a review. British Journal of Nutrition, 2023, 130, 1015-1023.	1.2	3
2374	Gut microbial modulation by culinary herbs and spices. Food Chemistry, 2023, 409, 135286.	4.2	3
2375	Gut Microbiota Eubacterium callanderi Exerts Anti-Colorectal Cancer Activity. Microbiology Spectrum, 2022, 10, .	1.2	8
2376	Homeostasis and Dysbiosis of the Intestinal Microbiota: Comparing Hallmarks of a Healthy State with Changes in Inflammatory Bowel Disease. Microorganisms, 2022, 10, 2405.	1.6	11
2377	The Effect of Prebiotics and Oral Anti-Diabetic Agents on Gut Microbiome in Patients with Type 2 Diabetes: A Systematic Review and Network Meta-Analysis of Randomised Controlled Trials. Nutrients, 2022, 14, 5139.	1.7	10
2378	Trends, Functionalities, and Prospects of Probiotics. Microbiology and Biotechnology Letters, 2022, 50, 465-476.	0.2	0
2379	Growth behavior of probiotic microorganisms on levan- and inulin-based fructans. Journal of Functional Foods, 2022, 99, 105343.	1.6	5
2380	Vitamin C improves gut <i>Bifidobacteria</i> in humans. Future Microbiology, 0, , .	1.0	3
2381	All Fiber is Not Fiber. Current Gastroenterology Reports, 2023, 25, 1-12.	1.1	3
2383	Quality evaluation of non-fat goat milk yogurt supplemented with purple sweet potato flour. , 2022, 29, 1419-1428.		0
2384	The gut microbiota is an emerging target for improving brain health during ageing. Gut Microbiome, 2023, 4, .	0.8	9
2385	The Role of Gut Dysbiosis in the Pathophysiology of Neuropsychiatric Disorders. Cells, 2023, 12, 54.	1.8	25
2386	Polyphenols as Drivers of a Homeostatic Gut Microecology and Immuno-Metabolic Traits of Akkermansia muciniphila: From Mouse to Man. International Journal of Molecular Sciences, 2023, 24, 45.	1.8	9
2387	Probiotics for preventing gestational diabetes in overweight or obese pregnant women: A review. World Journal of Clinical Cases, 0, 10, 13189-13199.	0.3	3
2388	Impact of cafeteria diet and n3 supplementation on the intestinal microbiota, fatty acids levels, neuroinflammatory markers and social memory in male rats. Physiology and Behavior, 2023, 260, 114068.	1.0	3
2389	Effects of Probiotics Supplementation on CRP, IL-6, and Length of ICU Stay in Traumatic Brain Injuries and Multiple Trauma Patients: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-14.	0.5	3

#	ARTICLE	IF	CITATIONS
2390	The potential role of preventive and therapeutic immunonutrition strategies for pediatric food allergy: A mini-review. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
2391	The association of dietary resistance starch intake with all-cause and cause-specific mortality. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
2392	Selective nourishing of gut microbiota with amino acids: A novel prebiotic approach?. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	7
2393	Effect of Mannan-rich fraction supplementation on commercial broiler intestine and cecum microbiota. <i>Animal Microbiome</i> , 2022, 4, .	1.5	4
2394	Improvement of myocardial injury and gut microbiota disturbance in type 2 diabetic mice by inulin with various degrees of polymerization. <i>Food Bioscience</i> , 2023, 51, 102318.	2.0	1
2395	Probiotic Incorporation into Yogurt and Various Novel Yogurt-Based Products. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 12607.	1.3	6
2396	Prebiotic Functions of Konjac Root Powder in Chocolate Milk Enriched with Free and Encapsulated Lactic Acid Bacteria. <i>Microorganisms</i> , 2022, 10, 2433.	1.6	2
2397	Analyzing Predominant Bacterial Species and Potential Short-Chain Fatty Acid-Associated Metabolic Routes in Human Gut Microbiome Using Integrative Metagenomics. <i>Biology</i> , 2023, 12, 21.	1.3	1
2398	The Efficacy of Probiotics as Antiviral Agents for the Treatment of Rotavirus Gastrointestinal Infections in Children: An Updated Overview of Literature. <i>Microorganisms</i> , 2022, 10, 2392.	1.6	8
2399	Tumor resident microbiota and response to therapies: An insight on tissue bacterial microbiota. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	2
2400	Biotherapeutic microbial supplementation for ameliorating fish health: developing trends in probiotics, prebiotics, and synbiotics use in finfish aquaculture. <i>Animal Health Research Reviews</i> , 2022, 23, 113-135.	1.4	6
2401	Oral microbiota and liver diseases. <i>Clinical Nutrition ESPEN</i> , 2023, 54, 68-72.	0.5	2
2402	Microbiota of the gastrointestinal tract: Friend or foe?. <i>World Journal of Gastroenterology</i> , 0, 29, 19-42.	1.4	16
2403	The effect of bitter almond ( <i>Amygdalus communis</i> L. var. <i>Amara</i> ) gum as a functional food on metabolic profile, inflammatory markers, and mental health in type 2 diabetes women: a blinded randomized controlled trial protocol. <i>Trials</i> , 2023, 24, .	0.7	3
2404	Mikrobiota, Präbiotika, Antibiotika und fÄkaler Mikrobiota-Transfer. , 2023, , 19-27.		0
2405	The Microbiome in Neurogastroenterology. , 2022, , 73-93.		0
2406	Immunomodulatory Properties of Nutraceuticals and Functional Foods. , 2022, , 21-72.		0
2407	Microorganisms in the Pathogenesis and Management of Immune Thrombocytopenia (ITP). , 2022, , 373-386.		0

#	ARTICLE	IF	CITATIONS
2408	Antibiotics in avian care and husbandry-status and alternative antimicrobials. <i>ChemistrySelect</i> , 2024, 9, 701-753.	0.7	0
2409	Wound healing and microbiome, an unexpected relationship. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2023, 37, 7-15.	1.3	20
2410	Maternal probiotic supplementation impacts colitis development in offspring mice. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
2411	Simulated Digestion and Fecal Fermentation Behaviors of Levan and Its Impacts on the Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 1531-1546.	2.4	7
2412	Effects of <i>Aspergillus oryzae</i> prebiotic on dietary energy and nutrient digestibility of growing pigs. <i>Translational Animal Science</i> , 2023, 7, .	0.4	3
2413	Effects of functional oligosaccharide on regulating gut microbiota in obese mice: a short review. <i>Food Science and Technology</i> , 0, 43, .	0.8	0
2414	Effect of Storage Time and Bacterial Strain on the Quality of Probiotic Goat's Milk Using Different Types and Doses of Collagens. <i>Molecules</i> , 2023, 28, 657.	1.7	1
2415	Prebiotic Activity of Vaginal Lactobacilli on Bifidobacteria: from Concept to Formulation. <i>Microbiology Spectrum</i> , 0, , .	1.2	2
2416	Microbials for Agriculture: Why Do They Call Them Biostimulants When They Mean Probiotics?. <i>Microorganisms</i> , 2023, 11, 153.	1.6	5
2417	The practice of application and features of the control of oligosaccharides in the production of specialized food products. A review. <i>Food Systems</i> , 2023, 5, 353-360.	0.2	0
2418	A review of the immune activity of chitooligosaccharides. <i>Food Science and Technology</i> , 0, 43, .	0.8	1
2419	Kadın Doyum Kliniklerinde Analiz Ebe ve Hemşirelerin Mikrobiyota Konusundaki Bilgi ve Farkındalıklarının İncelenmesi. <i>Mersin Üniversitesi Tıp Fakültesi Lokman Hekim Tıp Tarihi Ve Folklorik Tıp Dergisi</i> , 0, , .	0.3	1
2420	Plant Essential Oils as Healthy Functional Ingredients of Nutraceuticals and Diet Supplements: A Review. <i>Molecules</i> , 2023, 28, 901.	1.7	17
2421	Association of Fructo-oligosaccharides and Arginine Improves Severity of Mucositis and Modulate the Intestinal Microbiota. <i>Probiotics and Antimicrobial Proteins</i> , 2023, 15, 424-440.	1.9	4
2422	Comparative analysis of prebiotic effects of four oligosaccharides using <i>in vitro</i> gut model: digestibility, microbiome, and metabolome changes. <i>FEMS Microbiology Ecology</i> , 2023, 99, .	1.3	6
2423	Galactooligosaccharides: Synthesis, metabolism, bioactivities and food applications. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-17.	5.4	2
2424	Improvement of the probiotic growth-stimulating capacity of microalgae extracts by pulsed electric fields treatment. <i>Innovative Food Science and Emerging Technologies</i> , 2023, 83, 103256.	2.7	5
2425	Galactooligosaccharide (GOS) Reduces Branched Short-Chain Fatty Acids, Ammonium, and pH in a Short-Term Colonic Fermentation Model. <i>Applied Microbiology</i> , 2023, 3, 90-103.	0.7	2

#	ARTICLE	IF	CITATIONS
2426	The gut microbiota in obesity and weight management: microbes as friends or foe?. <i>Nature Reviews Endocrinology</i> , 2023, 19, 258-271.	4.3	38
2427	Targeting Gut Microbiota in Cancer Cachexia: Towards New Treatment Options. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1849.	1.8	7
2428	Conjugated linoleic acid alleviates glycolipid metabolic disorders by modulating intestinal microbiota and short-chain fatty acids in obese rats. <i>Food and Function</i> , 2023, 14, 1685-1698.	2.1	5
2429	Manipulating the Gut Microbiome as a Therapeutic Strategy to Mitigate Late Effects in Childhood Cancer Survivors. <i>Technology in Cancer Research and Treatment</i> , 2023, 22, 153303382211497.	0.8	1
2430	Gut microbiota therapy for nonalcoholic fatty liver disease: Evidence from randomized clinical trials. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
2431	Gut Microbiota Modulation: Probiotics and Prebiotics in GI Cancer. , 2023, , 201-236.		1
2432	In vitro digestibility of oligosaccharides synthesized by dairy propionibacteria $\beta$ -galactosidase from lactose, lactulose and lactitol. <i>Food Bioscience</i> , 2023, 51, 102362.	2.0	0
2433	Differential reinforcement of intestinal barrier function by various <i>Lactobacillus reuteri</i> strains in mice with DSS-induced acute colitis. <i>Life Sciences</i> , 2023, 314, 121309.	2.0	4
2434	Prebiotic properties of the polysaccharide from <i>Rosa roxburghii</i> Tratt fruit and its protective effects in high-fat diet-induced intestinal barrier dysfunction: A fecal microbiota transplantation study. <i>Food Research International</i> , 2023, 164, 112400.	2.9	6
2435	The synergistic synbiotic potential of 1-kestose and <i>Bifidobacterium longum</i> in the mouse gut. <i>Journal of Functional Foods</i> , 2023, 101, 105403.	1.6	0
2436	Potential health benefits of fermented blueberry: A review of current scientific evidence. <i>Trends in Food Science and Technology</i> , 2023, 132, 103-120.	7.8	9
2437	Chemical composition and prebiotic activity of baru ( <i>Dipteryx alata</i> Vog.) pulp on probiotic strains and human colonic microbiota. <i>Food Research International</i> , 2023, 164, 112366.	2.9	4
2438	Impact of adding prebiotics and probiotics on the characteristics of edible films and coatings- a review. <i>Food Research International</i> , 2023, 164, 112381.	2.9	9
2439	Influence of biotic interventions on the immune response to vaccines in young and older adults. <i>Clinical Nutrition</i> , 2023, 42, 216-226.	2.3	4
2440	The association between gut-health promoting diet and depression: A mediation analysis. <i>Journal of Affective Disorders</i> , 2023, 324, 136-142.	2.0	2
2441	Facile and efficient chemical synthesis of gluco-oligosaccharides (GlcOS) with diverse glycosidic linkages as potential prebiotics to promote the growth of probiotic bacteria. <i>Food Research International</i> , 2023, 165, 112436.	2.9	7
2442	World Trends in Infant Formulas Composition Enhancement. <i>Voprosy Sovremennoi Pediatrii - Current Pediatrics</i> , 0, , .	0.1	0
2443	Effect of Complex Prebiotics on the Intestinal Colonization Ability of <i>Limosilactobacillus fermentum</i> DALI02. <i>Fermentation</i> , 2023, 9, 25.	1.4	0

#	ARTICLE	IF	CITATIONS
2444	Gut microbiome modulation by probiotics, prebiotics, synbiotics and postbiotics: a novel strategy in food allergy prevention and treatment. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-17.	5.4	7
2445	Prophylactic Effect of Bovine Colostrum on Intestinal Microbiota and Behavior in Wild-Type and Zonulin Transgenic Mice. <i>Biomedicines</i> , 2023, 11, 91.	1.4	5
2446	Results of a Clinical Trial Showing Changes to the Faecal Microbiome in Racing Thoroughbreds after Feeding a Nutritional Supplement. <i>Veterinary Sciences</i> , 2023, 10, 27.	0.6	1
2447	<i>Salmonella</i> in eggs and egg-laying chickens: pathways to effective control. <i>Critical Reviews in Microbiology</i> , 2024, 50, 39-63.	2.7	9
2448	The Choice of Product for Mixed or Formula Feeding of Infant: Beneficial Properties of Goat's Milk Formula. <i>Voprosy Sovremennoi Pediatrii - Current Pediatrics</i> , 0, , .	0.1	0
2449	Journey of the Probiotic Bacteria: Survival of the Fittest. <i>Microorganisms</i> , 2023, 11, 95.	1.6	10
2450	In Vitro Assessment of the Prebiotic Potential of Xylooligosaccharides from Barley Straw. <i>Foods</i> , 2023, 12, 83.	1.9	8
2451	Subcritical Fluid Process for Producing Mannoooligosaccharide-Rich Carbohydrates from Coconut Meal and Their In Vitro Fermentation. <i>Food and Bioprocess Technology</i> , 2023, 16, 1048-1060.	2.6	2
2452	Pharmacomicrobiomics in Anticancer Therapies: Why the Gut Microbiota Should Be Pointed Out. <i>Genes</i> , 2023, 14, 55.	1.0	5
2453	Modulating the Gut Microbiota with Alginate Oligosaccharides In Vitro. <i>Nutraceuticals</i> , 2023, 3, 26-38.	0.6	1
2454	Beneficial metabolic transformations and prebiotic potential of hemp bran and its alcalase hydrolysate, after colonic fermentation in a gut model. <i>Scientific Reports</i> , 2023, 13, .	1.6	4
2455	In Vitro Study of Specific Properties of Probiotic Strains for Effective and Personalized Probiotic Therapy. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , 2023, , 355-370.	0.6	0
2456	The Crosstalk between Microbiome and Mitochondrial Homeostasis in Neurodegeneration. <i>Cells</i> , 2023, 12, 429.	1.8	6
2457	The influence of a probiotic/prebiotic supplement on microbial and metabolic parameters of equine cecal fluid or fecal slurry in vitro. <i>Journal of Animal Science</i> , 2023, 101, .	0.2	3
2458	Low-lactose milk production using $\beta$ -galactosidases. , 2023, , 361-381.		0
2459	Selection of Prebiotic Substances for Individual Prescription. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , 2023, , 197-217.	0.6	0
2460	Effects of <i>Aspergillus oryzae</i> prebiotic on animal performance, nutrients digestibility, and feeding behavior of backgrounding beef heifers fed with either a sorghum silage- or a byproducts-based diet. <i>Journal of Animal Science</i> , 2023, 101, .	0.2	1
2461	The Microbiome-TIME Axis: A Host of Possibilities. <i>Microorganisms</i> , 2023, 11, 288.	1.6	1

#	ARTICLE	IF	CITATIONS
2462	Understanding the role of the gut microbiome in gastrointestinal cancer: A review. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	55
2463	Esophageal dysbiosisâ€”Correcting the paradox: Prebiotics, probiotics, or antibiotics?. , 2023, , 177-194.		0
2464	Prairie Agroecosystems: Interconnected Microbiomes of Livestock, Soil and Insects. <i>Agriculture (Switzerland)</i> , 2023, 13, 326.	1.4	0
2466	Antimicrobial Resistance and Recent Alternatives to Antibiotics for the Control of Bacterial Pathogens with an Emphasis on Foodborne Pathogens. <i>Antibiotics</i> , 2023, 12, 274.	1.5	21
2467	Gut microbiota and its metabolites â€” molecular mechanisms and management strategies in diabetic kidney disease. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	6
2468	Nutritional and lifestyle management of the aging journey: A narrative review. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	7
2469	Esophagogastric microbiomeâ€”Internal and external influences effecting variance. , 2023, , 163-176.		0
2470	Effects of galactooligosaccharides on maternal gut microbiota, glucose metabolism, lipid metabolism and inflammation in pregnancy: A randomized controlled pilot study. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	5
2471	Recent trends in the biotechnology of functional non-digestible oligosaccharides with prebiotic potential. <i>Biotechnology and Genetic Engineering Reviews</i> , 0, , 1-46.	2.4	6
2472	Modulating the Microbiome for Crohnâ€™s Disease Treatment. <i>Gastroenterology</i> , 2023, 164, 828-840.	0.6	7
2473	Extraction and prebiotic potential of Î²-glucan from highland barley and its application in probiotic microcapsules. <i>Food Hydrocolloids</i> , 2023, 139, 108520.	5.6	9
2474	Oligofructose, 2â€™-fucosyllactose and Î²-glucan in combination induce specific changes in microbial composition and short-chain fatty acid production compared to sole supplementation. <i>Journal of Applied Microbiology</i> , 2023, 134, .	1.4	1
2475	Evidence on postbiotics in infants and children. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2023, 26, 253-258.	1.3	2
2476	Influence of the Gut Microbiota on Neuroendocrine-Immune Interactions. <i>Masterclass in Neuroendocrinology</i> , 2023, , 279-320.	0.1	0
2477	Preclinical and Clinical Fructan Studies. , 2023, , 235-256.		0
2478	From Agricultural Waste to Functional Food Products: An Overview. <i>Sustainable Development and Biodiversity</i> , 2023, , 489-520.	1.4	0
2479	Gut microbiota and marine phenolics. , 2023, , 343-370.		0
2480	Role of Probiotics and Synbiotics in Mitigating Alcohol-Induced Liver Damage. , 2023, , 315-328.		0

#	ARTICLE	IF	CITATIONS
2481	THE EFFECT OF THE SYNBIOTIC ON REDUCING BODY WEIGHT, FEED CONSUMPTION, ACTIVITY AND HEALTH STATUS OF EXPERIMENTAL ANIMALS. Iraqi Journal of Agricultural Sciences, 2023, 54, 282-290.	0.1	0
2482	Interventional strategies for ischemic stroke based on the modulation of the gut microbiota. Frontiers in Neuroscience, 0, 17, .	1.4	1
2483	Orally Ingested Probiotic, Prebiotic, and Synbiotic Interventions as Countermeasures for Gastrointestinal Tract Infections in Nonelderly Adults: A Systematic Review and Meta-Analysis. Advances in Nutrition, 2023, , .	2.9	3
2484	Development of synbiotic vegan beverages: probiotic viability, sensory profile, consumers' acceptance and functional stability. International Journal of Food Science and Technology, 2023, 58, 2325-2335.	1.3	3
2485	The Fish Microbiota: Research Progress and Potential Applications. Engineering, 2023, 29, 137-146.	3.2	18
2486	The Use of Prebiotics from Pregnancy and Its Complications: Health for Mother and Offspringâ€”A Narrative Review. Foods, 2023, 12, 1148.	1.9	5
2487	The Role of Probiotics and Their Metabolites in the Treatment of Depression. Molecules, 2023, 28, 3213.	1.7	4
2488	Impact of Gut Microbiota on Host Aggression: Potential Applications for Therapeutic Interventions Early in Development. Microorganisms, 2023, 11, 1008.	1.6	3
2489	Effects of a postbiotic, with and without a saponin-based product, on turkey performance. Poultry Science, 2023, 102, 102607.	1.5	2
2490	Determination of prebiotic utilisation capability of potential probiotic Bacillus velezensis FS26 through in silico and in vitro approaches. Food Bioscience, 2023, 53, 102566.	2.0	1
2491	Lignin from sugarcane bagasse as a prebiotic additive for poultry feed. International Journal of Biological Macromolecules, 2023, 239, 124262.	3.6	5
2492	Microbial community diversity and structure in the cecum of laying hens with and without mannan-rich fraction supplementation. Journal of Applied Poultry Research, 2023, 32, 100342.	0.6	2
2493	Application of kombucha combined with fructo-oligosaccharides in soy milk: Colony composition, antioxidant capacity, and flavor relationship. Food Bioscience, 2023, 53, 102527.	2.0	6
2494	Future foods, dietary factors and healthspan. Journal of Future Foods, 2023, 3, 75-98.	2.0	2
2495	Response of murine gut microbiota to a prebiotic based on oligosaccharides derived via hydrolysis of fungal Î±-(1â†’3)-d-glucan: Preclinical trial study on mice. Food Chemistry, 2023, 417, 135928.	4.2	1
2496	The model polysaccharide potato galactan is actually a mixture of different polysaccharides. Carbohydrate Polymers, 2023, 313, 120889.	5.1	3
2497	Fruit and vegetable snacks as carriers of probiotics and bioactiveÂcompounds: a review. International Journal of Food Science and Technology, 2023, 58, 3211-3223.	1.3	3
2498	Gut Microbiota and its Metabolites: Bridge of Dietary Nutrients and Alzheimerâ€™s Disease. Advances in Nutrition, 2023, 14, 819-839.	2.9	9

#	ARTICLE	IF	CITATIONS
2500	Microbial Modulation in Inflammatory Bowel Diseases. <i>Immune Network</i> , 2022, 22, .	1.6	1
2501	Future Therapeutic Prospects in Dealing with Autoimmune Diseases: Treatment Based on the Microbiome Model. , 2022, , 489-520.		1
2502	Physicochemical characteristics, sensory profile, probiotic, and starter culture viability of synbiotic yogurt. <i>Journal of Advanced Veterinary and Animal Research</i> , 2022, 9, 694.	0.5	0
2503	Remodeling of the Gut Microbiota in Colorectal Cancer and its Association with Obesity. <i>Current Pharmaceutical Design</i> , 2023, 29, 256-271.	0.9	4
2504	Impact of gastrointestinal digestion simulation on brewerâ€™s spent grain green extracts and their prebiotic activity. <i>Food Research International</i> , 2023, 165, 112515.	2.9	1
2505	Age-Dependent Prebiotic Effects of Soluble Corn Fiber in M-SHIMEA® Gut Microbial Ecosystems. <i>Plant Foods for Human Nutrition</i> , 2023, 78, 213-220.	1.4	3
2506	A Synbiotic Ameliorates Con A-Induced Autoimmune Hepatitis in Mice through Modulation of Gut Microbiota and Immune Imbalance. <i>Molecular Nutrition and Food Research</i> , 2023, 67, .	1.5	5
2507	Design and Characterization of a Cheese Spread Incorporating <i>Osmundea pinnatifida</i> Extract. <i>Foods</i> , 2023, 12, 611.	1.9	0
2508	Looking for Possible Benefits of Combining Short-Chain Fructo-Oligosaccharides (scFOS) with <i>Saccharomyces cerevisiae</i> Sc 47 on Weaned Pigs Orally Challenged with <i>Escherichia coli</i> F4+. <i>Animals</i> , 2023, 13, 526.	1.0	0
2509	Two-step purification of epilactose produced by cellobiose 2-epimerase from <i>Caldicellulosiruptor saccharolyticus</i> . <i>Separation and Purification Technology</i> , 2023, 311, 123311.	3.9	1
2510	Pathophysiology-Based Individualized Use of Probiotics and Prebiotics for Metabolic Syndrome: Implementing Predictive, Preventive, and Personalized Medical Approach. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , 2023, , 133-196.	0.6	3
2511	Inulin impacts tumorigenesis promotion by colibactin-producing <i>Escherichia coli</i> in <i>ApcMin/+</i> mice. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	3
2512	Multivariate analysis of structural and functional properties of fibres from apple pomace using different extraction methods. <i>Food Production Processing and Nutrition</i> , 2023, 5, .	1.1	3
2513	Is there a role for microbiome-based approach in common variable immunodeficiency?. <i>Clinical and Experimental Medicine</i> , 2023, 23, 1981-1998.	1.9	2
2514	Effects of a high-prebiotic diet versus probiotic supplements versus synbiotics on adult mental health: The "Gut Feelings" randomised controlled trial. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	14
2515	Designing healthier bread through the lens of the gut microbiota. <i>Trends in Food Science and Technology</i> , 2023, 134, 13-28.	7.8	13
2517	Genetic diversity, cholesterol reduction, and presence of conserved bile salt hydrolase gene in probiotic strains from human milk. <i>Letters in Applied Microbiology</i> , 2023, 76, .	1.0	0
2518	Identifying glycan consumers in human gut microbiota samples using metabolic labeling coupled with fluorescence-activated cell sorting. <i>Nature Communications</i> , 2023, 14, .	5.8	2



#	ARTICLE	IF	CITATIONS
2519	Gut Microbiota and Coronary Artery Disease: Current Therapeutic Perspectives. <i>Metabolites</i> , 2023, 13, 256.	1.3	4
2520	Food as Medicine: How to Influence the Microbiome and Improve Symptoms in Patients with Irritable Bowel Syndrome. <i>Current Gastroenterology Reports</i> , 2023, 25, 52-60.	1.1	3
2521	Bacterial Metabolites: A Link between Gut Microbiota and Dermatological Diseases. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3494.	1.8	13
2522	Tebuconazole mediates cognitive impairment via the microbe-gut-brain axis (MGBA) in mice. <i>Environment International</i> , 2023, 173, 107821.	4.8	5
2523	Modeling Aggression in Animals. , 2023, , 1-20.		0
2524	Gut-Brain cross talk: The pathogenesis of neurodevelopmental impairment in necrotizing enterocolitis. <i>Frontiers in Pediatrics</i> , 0, 11, .	0.9	4
2525	Dietary Supplementation of Eubiotic Fiber Based on Lignocellulose on Performance and Welfare of Gestating and Lactating Sows. <i>Animals</i> , 2023, 13, 695.	1.0	0
2526	Allogeneic hematopoietic cell transplantation, the microbiome, and graft-versus-host disease. <i>Gut Microbes</i> , 2023, 15, .	4.3	7
2527	Inulin prebiotic reinforces host cancer immunosurveillance via $\gamma$ T cell activation. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	8
2528	Effect of <i>Agaricus bisporus</i> Polysaccharides on Human Gut Microbiota during In Vitro Fermentation: An Integrative Analysis of Microbiome and Metabolome. <i>Foods</i> , 2023, 12, 859.	1.9	2
2529	Gut microbiome-based strategies for host health and disease. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-16.	5.4	2
2530	Maya Kaynaklı± Sinbiyotik (JD2+EPSJD2) ve Postbiyotik+Prebiyotik (CFSJD2+EPSJD2) Uygulamalar±n±n Baz±n±n Biyolojik Aktivitelerinin Belirlenmesi. <i>Journal of Anatolian Environmental and Animal Sciences</i> , 0, , .	0.2	0
2531	Tea polysaccharides from Taiping Houkui may serve as a potential candidate for regulation of lipid metabolism: Roles of gut microbiota and metabolite in vitro. <i>Journal of Functional Foods</i> , 2023, 102, 105469.	1.6	3
2532	Inulin increases the beneficial effects of rhubarb supplementation on high-fat high-sugar diet-induced metabolic disorders in mice: impact on energy expenditure, brown adipose tissue activity, and microbiota. <i>Gut Microbes</i> , 2023, 15, .	4.3	4
2533	The Debate between the Human Microbiota and Immune System in Treating Aerodigestive and Digestive Tract Cancers: A Review. <i>Vaccines</i> , 2023, 11, 492.	2.1	1
2534	To Fiber or Not to Fiber: The Swinging Pendulum of Fiber Supplementation in Patients with Inflammatory Bowel Disease. <i>Nutrients</i> , 2023, 15, 1080.	1.7	2
2535	A Deep Insight into the Correlation Between Gut Dysbiosis and Alzheimer±s™s Amyloidopathy. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2022, 13, 305-315.	0.2	0
2536	Metabolic profiling of probiotic strain <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> L14 cultivated in presence of prebiotic oligosaccharides and polysaccharides in simulating in vitro gastrointestinal tract system. <i>Biotechnology and Biotechnological Equipment</i> , 2023, 37, 260-272.	0.5	0

#	ARTICLE	IF	CITATIONS
2537	Saccharomyces cerevisiae fermentation product improves robustness of equine gut microbiome upon stress. <i>Frontiers in Veterinary Science</i> , 0, 10, .	0.9	1
2538	Prebiotic Consumption Alters Microbiota but Not Biological Markers of Stress and Inflammation or Mental Health Symptoms in Healthy Adults: A Randomized, Controlled, Crossover Trial. <i>Journal of Nutrition</i> , 2023, 153, 1283-1296.	1.3	5
2539	Polysaccharide degradation for oligosaccharide production with nutraceutical potential for the food industry. , 2023, , 335-363.		0
2540	Pre-, pro-, syn-, and Postbiotics in Infant Formulas: What Are the Immune Benefits for Infants?. <i>Nutrients</i> , 2023, 15, 1231.	1.7	9
2541	Advances and challenges in interaction between heteroglycans and Bifidobacterium: Utilization strategies, intestinal health and future perspectives. <i>Trends in Food Science and Technology</i> , 2023, 134, 112-122.	7.8	7
2543	Current and future methods of probiotic therapy for necrotizing enterocolitis. <i>Frontiers in Pediatrics</i> , 0, 11, .	0.9	3
2544	Fluorescence activated cell sorting and fermentation analysis to study rumen microbiome responses to administered live microbials and yeast cell wall derived prebiotics. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1
2545	Dietary-Derived Exosome-like Nanoparticles as Bacterial Modulators: Beyond MicroRNAs. <i>Nutrients</i> , 2023, 15, 1265.	1.7	4
2546	Omics and imaging combinatorial approach reveals butyrate-induced inflammatory effects in the zebrafish gut. <i>Animal Microbiome</i> , 2023, 5, .	1.5	3
2547	Effects of compound prebiotics as prophylactic and therapeutic supplementation in a mouse model of acute colitis. <i>Applied Microbiology and Biotechnology</i> , 2023, 107, 2597-2609.	1.7	0
2548	Serum-Derived Bovine Immunoglobulin Stimulates SCFA Production by Specific Microbes in the Ex Vivo SIFRA® Technology. <i>Microorganisms</i> , 2023, 11, 659.	1.6	1
2550	Strain specificity of lactobacilli with promoted colonization by galactooligosaccharides administration in protecting intestinal barriers during Salmonella infection. <i>Journal of Advanced Research</i> , 2024, 56, 1-14.	4.4	7
2551	Î²â€Glucan attenuates cognitive impairment of <scp>APP</scp>/<scp>PS1</scp> mice via regulating intestinal flora and its metabolites. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 1690-1704.	1.9	10
2552	Foodborne Carbon Dot Exposure Induces Insulin Resistance through Gut Microbiota Dysbiosis and Damaged Intestinal Mucus Layer. <i>ACS Nano</i> , 2023, 17, 6081-6094.	7.3	10
2553	Beneficial insights into postbiotics against colorectal cancer. <i>Frontiers in Nutrition</i> , 0, 10, .	1.6	6
2554	Efficacy of <i>Bifidobacterium longum</i> alone or in multi-strain probiotic formulations during early life and beyond. <i>Gut Microbes</i> , 2023, 15, .	4.3	7
2555	Tactics with Prebiotics for the Treatment of Metabolic Dysfunction-Associated Fatty Liver Disease via the Improvement of Mitophagy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5465.	1.8	8
2556	Emerging Role and Place of Probiotics in the Management of Pediatric Neurodevelopmental Disorders. <i>Euroasian Journal of Hepato-gastroenterology</i> , 2023, 12, 102-108.	0.1	0

#	ARTICLE	IF	CITATIONS
2557	PROBIOTIC AS ORAL CAVITY COLONIZATION RESISTANCE INCREASING FACTOR. , 2023, 23, 79-83.	0.1	1
2558	Galacto-oligosaccharides. , 2022, , 1-26.		0
2559	Beyond purified dietary fibre supplements: Compositional variation between cell wall fibre from different plants influences human faecal microbiota activity and growth in vitro. Environmental Microbiology, 2023, 25, 1484-1504.	1.8	0
2560	Distinguishing science from pseudoscience in commercial respiratory interventions: an evidence-based guide for health and exercise professionals. European Journal of Applied Physiology, 2023, 123, 1599-1625.	1.2	3
2561	Short-chain fatty acids as a link between diet and cardiometabolic risk: a narrative review. Lipids in Health and Disease, 2023, 22, .	1.2	3
2562	How Do Diet Patterns, Single Foods, Prebiotics and Probiotics Impact Gut Microbiota?. Microbiology Research, 2023, 14, 390-408.	0.8	6
2563	Feed Additives of Bacterial Origin as an Immunoprotective or Immunostimulating Factor “ A Review. Annals of Animal Science, 2023, 23, 1009-1020.	0.6	1
2564	Detoxification Impacts of Dietary Probiotic and Prebiotic Supplements Against Aflatoxins: An Updated Knowledge “ A Review. Annals of Animal Science, 2023, 23, 1049-1060.	0.6	3
2566	Metabolic-Dysfunction-Associated Fatty Liver Disease and Gut Microbiota: From Fatty Liver to Dysmetabolic Syndrome. Medicina (Lithuania), 2023, 59, 594.	0.8	14
2567	Probiotics and Prebiotics as Dietary Supplements for the Adjunctive Treatment of Type 2 Diabetes. Polish Journal of Microbiology, 2023, 72, 3-9.	0.6	2
2568	Allergy prevention by intervening intestinal microbiota. Nihon Shoni Arerugi Gakkaishi the Japanese Journal of Pediatric Allergy and Clinical Immunology, 2023, 37, 44-48.	0.0	0
2569	Arabinoxylan-based substrate preferences and predicted metabolic properties of Bifidobacterium longum subspecies as a basis to design differential media. Food Research International, 2023, 167, 112711.	2.9	0
2570	Microbiota-Gut-Brain Axis in Major Depression: A New Therapeutic Approach. Advances in Experimental Medicine and Biology, 2023, , 209-224.	0.8	5
2571	Impact of cooking methods of red-skinned onion on metabolic transformation of phenolic compounds and gut microbiota changes. Food and Function, 2023, 14, 3509-3525.	2.1	5
2572	The relationship between gut microbiota and schizophrenia: Recent research and treatment application. , 0, 36, 1088-1094.		0
2573	Consumption of Solnula, Resistant Potato Starch Produces a Prebiotic Effect in a Randomized, Placebo-Controlled Clinical Trial. Nutrients, 2023, 15, 1582.	1.7	0
2574	Regulatory Issues of Synbiotics in Cancer. , 2023, , 269-287.		0
2575	Human Microbiome Modulation: A Potential Therapeutic Strategy for Pancreatic Cancer. , 2023, , 205-242.		0

#	ARTICLE	IF	CITATIONS
2576	Postbiotics Implication in the Microbiota-Host Intestinal Epithelial Cells Mutualism. Probiotics and Antimicrobial Proteins, 0, , .	1.9	2
2578	Nondigestible Functional Oligosaccharides: Enzymatic Production and Food Applications for Intestinal Health. Annual Review of Food Science and Technology, 2023, 14, 297-322.	5.1	6
2579	Screening and Application of Novel Homofermentative Lactic Acid Bacteria Results in Low-FODMAP Whole-Wheat Bread. Fermentation, 2023, 9, 336.	1.4	0
2580	Interaction between Î²-glucans and gut microbiota: a comprehensive review. Critical Reviews in Food Science and Nutrition, 0, , 1-32.	5.4	4
2581	Benefits of Biotics for Cardiovascular Diseases. International Journal of Molecular Sciences, 2023, 24, 6292.	1.8	2
2582	Beneficial modulation of human health in the oral cavity and beyond using bacteriocin-like inhibitory substance-producing streptococcal probiotics. Frontiers in Microbiology, 0, 14, .	1.5	2
2583	Effect of a Saccharomyces cerevisiae Postbiotic Feed Additive on Salmonella Enteritidis Colonization of Cecal and Ovarian Tissues in Directly Challenged and Horizontally Exposed Layer Pullets. Animals, 2023, 13, 1186.	1.0	2
2584	Effects of Probiotics on Intermediate Cardiovascular Outcomes in Patients with Overweight or Obesity: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2023, 12, 2554.	1.0	2
2585	Gastric microbiota dysbiosis and Helicobacter pylori infection. Frontiers in Microbiology, 0, 14, .	1.5	2
2586	Psychobiotic Effects on Anxiety Are Modulated by Lifestyle Behaviors: A Randomized Placebo-Controlled Trial on Healthy Adults. Nutrients, 2023, 15, 1706.	1.7	3
2587	Recent Advances on Emerging Carbohydratesâ€Based Prebiotics and its Potential Food Sources: Marine Algae, Seaweeds, Tropical Fruits, and Agriâ€Food Wastes. Starch/Staerke, 2024, 76, .	1.1	0
2588	HMOs Exert Marked Bifidogenic Effects on Childrenâ€™s Gut Microbiota Ex Vivo, Due to Age-Related Bifidobacterium Species Composition. Nutrients, 2023, 15, 1701.	1.7	9
2589	The Effect of Encapsulating a Prebiotic-Based Biopolymer Delivery System for Enhanced Probiotic Survival. Polymers, 2023, 15, 1752.	2.0	4
2590	Natural ingredients and probiotics for lowering cholesterol and saturated fat in dairy products. Quality Assurance and Safety of Crops and Foods, 2023, 15, 140-160.	1.8	6
2591	Production of a Series of Long-Chain Isomaltooligosaccharides from Maltose by Bacillus subtilis AP-1 and Associated Prebiotic Properties. Foods, 2023, 12, 1499.	1.9	3
2592	Inulin increases the EPS biosynthesis of Lactobacillus delbrueckii ssp. bulgaricus LDB-C1. Biotechnology Letters, 0, , .	1.1	1
2593	Prebiotics alleviate cartilage degradation and inflammation in post-traumatic osteoarthritic mice by modulating the gut barrier and fecal metabolomics. Food and Function, 0, , .	2.1	2
2594	Synbiotics as Supplemental Therapy for the Alleviation of Chemotherapy-Associated Symptoms in Patients with Solid Tumours. Nutrients, 2023, 15, 1759.	1.7	5

#	ARTICLE	IF	CITATIONS
2595	The Roles and Mechanisms of Gut Microbiota in Food Allergy. , 2023, 2023, 1-16.		4
2596	Ðçhe problem of comorbidity in diseases of the gastrointestinal tract in women: solutions. Å½Å½no-Rossijskij Å½urnal TerapevtiÅ½eskoj Praktiki, 2023, 4, 40-45.	0.1	0
2597	Fecal levels of SCFA and BCFA during capecitabine in patients with metastatic or unresectable colorectal cancer. Clinical and Experimental Medicine, 2023, 23, 3919-3933.	1.9	1
2598	Optimization of Mixed Inulin, Fructooligosaccharides, and Galactooligosaccharides as Prebiotics for Stimulation of Probiotics Growth and Function. Foods, 2023, 12, 1591.	1.9	3
2599	Recent advances in the production of oligogalacturonides and their biological properties. Food and Function, 2023, 14, 4507-4521.	2.1	1
2600	Lactulose. , 2022, , 1-36.		0
2601	Probiotics and Prebiotics in Infancy. Forbes TÅ½p Dergisi, 2023, 4, .	0.0	0
2602	Chronic consumption of a blend of inulin and arabinoxylan reduces energy intake in an ad libitum meal but does not influence perceptions of appetite and satiety: a randomised control-controlled crossover trial. European Journal of Nutrition, 2023, 62, 2205-2215.	1.8	2
2603	Combination of Lactobacillus plantarum HAC03 and Garcinia cambogia Has a Significant Anti-Obesity Effect in Diet-Induced Obesity Mice. Nutrients, 2023, 15, 1859.	1.7	0
2604	Bridging preclinical and clinical gut microbiota research using the ex vivo SIFRÅ½ technology. Frontiers in Microbiology, 0, 14, .	1.5	11
2605	Dietary Polyphenols, Microbiome, and Multiple Sclerosis: From Molecular Anti-Inflammatory and Neuroprotective Mechanisms to Clinical Evidence. International Journal of Molecular Sciences, 2023, 24, 7247.	1.8	9
2606	In vitro simulated digestion and fecal fermentation of exopolysaccharide from Lactocaseibacillus paracasei GL1. Food and Function, 0, , .	2.1	1
2607	Prebiotic and Probiotic Modulation of the Microbiotaâ€“Gutâ€“Brain Axis in Depression. Nutrients, 2023, 15, 1880.	1.7	10
2609	Nutrition in Acute Pancreatitis: From the Old Paradigm to the New Evidence. Nutrients, 2023, 15, 1939.	1.7	2
2610	Interaction of Intestinal Microbiota with Medications. Current Drug Metabolism, 2023, 24, .	0.7	0
2611	Synbiotic Encapsulation: A Trend towards Increasing Viability and Probiotic Effect. Journal of Food Processing and Preservation, 2023, 2023, 1-20.	0.9	3
2612	GlucosÅ½oligosaccharides as potential prebiotics: Synthesis, purification, structural characterization, and evaluation of prebiotic effect. Comprehensive Reviews in Food Science and Food Safety, 2023, 22, 2611-2651.	5.9	7
2613	Dietary fibre definition revisited - The case of low molecular weight carbohydrates. Clinical Nutrition ESPEN, 2023, 55, 340-356.	0.5	6

#	ARTICLE	IF	CITATIONS
2614	Gut microbiota in COVID-19: new insights from inside. <i>Gut Microbes</i> , 2023, 15, .	4.3	8
2615	The Polyunsaturated Fatty Acids Eicosapentaenoic Acid and Docosahexaenoic Acid, and Vitamin K <sub>1</sub> Modulate the Gut Microbiome: A Study Using an In Vitro Shime Model. <i>Journal of Dietary Supplements</i> , 2024, 21, 135-153.	1.4	1
2616	Gut microbiome and cancer implications: Potential opportunities for fermented foods. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2023, , 188897.	3.3	0
2617	The Prebiotic Effects of an Extract with Antioxidant Properties from <i>Morus alba</i> L. Contribute to Ameliorate High-Fat Diet-Induced Obesity in Mice. <i>Antioxidants</i> , 2023, 12, 978.	2.2	1
2618	Microbiotaâ€“gutâ€“brain axis and related therapeutics in Alzheimerâ€™s disease: prospects for multitherapy and inflammation control. <i>Reviews in the Neurosciences</i> , 2023, 34, 695-718.	1.4	1
2619	Prebiotic and Probiotic-Based Strategies for the Control of Antimicrobial Resistance. , 2023, , 1-46.		1
2620	Co-incorporation of probiotics into 3D printed custard cream with hydrophilic and hydrophobic bioactives. <i>Food Hydrocolloids</i> , 2023, 142, 108809.	5.6	3
2636	Roles of the gut microbiome in weight management. <i>Nature Reviews Microbiology</i> , 2023, 21, 535-550.	13.6	11
2637	Mannanases and other mannan-degrading enzymes. , 2023, , 279-293.		1
2639	Gut Microbiomeâ€“Brain Alliance: A Landscape View into Mental and Gastrointestinal Health and Disorders. <i>ACS Chemical Neuroscience</i> , 2023, 14, 1717-1763.	1.7	24
2660	The modulatory approaches of microbiome therapeutics. , 2023, , 95-126.		0
2677	Improvement of the Immune System by Dietary Supplements and Natural Products. , 2023, , 262-285.		0
2680	Dietary Modulation of the Nervous and Immune System: Role of Probiotics/Prebiotics/Synbiotics/Postbiotics. , 2023, , 307-328.		0
2681	An Overview of Different Food Bioactive Ingredients. , 2023, , 1-27.		0
2693	Prebiotics and probiotics and Parkinson's disease. , 2023, , 641-673.		0
2701	Neuroimmune interactions: From bench to bedside. , 2023, , 9-35.		0
2716	Prebiotics as Functional Ingredients in Aquafeed: Trends and Prospects in African Aquaculture. , 2023, , 131-147.		0
2739	Calorie restriction mimetic drugs could favorably influence gut microbiota leading to lifespan extension. <i>GeroScience</i> , 0, , .	2.1	2

#	ARTICLE	IF	CITATIONS
2743	Trends in Dairy Products: New Ingredients and Ultrasound-Based Processing. Food and Bioprocess Technology, 0, , .	2.6	4
2750	Applications and Implications of Gut Microbiota and Nutrition Science. , 2023, , 239-250.		0
2751	Gut Microbial Mechanisms in Nutrition and Health. , 2023, , 147-177.		0
2752	Targeting the Gut Microbiota for Health. , 2023, , 179-221.		0
2756	Microbial Technology for Neurological Disorders. , 2023, , 299-339.		0
2760	The critical role of gut-brain axis microbiome in mental disorders. Metabolic Brain Disease, 2023, 38, 2547-2561.	1.4	9
2763	Microbial Production of Fructooligosaccharides. , 2023, , 1-27.		0
2770	Prebiotic- and Probiotic-Based Strategies for the Control of Antimicrobial Resistance. , 2023, , 827-872.		0
2790	Editorial: Polyunsaturated fatty acids and gut microbiota. Frontiers in Nutrition, 0, 10, .	1.6	0
2798	Comparison of the relative impacts of acute consumption of an inulin-enriched diet, milk kefir or a commercial probiotic product on the human gut microbiome and metabolome. Npj Science of Food, 2023, 7, .	2.5	1
2799	Dairy-based functional food products. , 2023, , 127-170.		0
2828	An overview of prebiotics and their applications in the food industry. European Food Research and Technology, 2023, 249, 2957-2976.	1.6	1
2851	Role of antenatal maternal diet. , 2023, , .		0
2852	Recent advances in enzymatic properties, preparation methods, and functions of glycoside hydrolase from Bifidobacterium: a review. World Journal of Microbiology and Biotechnology, 2023, 39, .	1.7	0
2858	Engineered probiotics introduced to improve intestinal microecology for the treatment of chronic diseases: present state and perspectives. Journal of Diabetes and Metabolic Disorders, 0, , .	0.8	0
2864	Modeling Aggression in Animals. , 2023, , 2701-2720.		0
2878	Galacto-oligosaccharides. , 2023, , 1331-1356.		0
2879	Lactulose. , 2023, , 1413-1448.		0

#	ARTICLE	IF	CITATIONS
2880	An Overview of Different Food Bioactive Ingredients. , 2023, , 1-26.		0
2895	Anti-Allergy Activity of Postbiotics. , 2024, , 233-241.		0
2899	Lactococcus lactis, a bacterium with probiotic functions and pathogenicity. World Journal of Microbiology and Biotechnology, 2023, 39, .	1.7	2
2904	Bacterial Overgrowth and Enteric Infections. , 2023, , 149-159.		0
2913	Advancements in Poultry Nutrition and Genetics, the Role of Antibiotic Growth Promoters, and the Introduction of Feed Additive Alternatives. , 2023, , 59-79.		0
2914	Probiotics, Prebiotics, and Synbiotics on Constipation in Children with Cerebral Palsy. , 0, , .		0
2915	Prebiotics with Plant and Microbial Origins. , 2023, , 81-102.		0
2916	Probiotics and Prebiotics: Application to Pets. , 2023, , 167-227.		0
2917	Prospects for Prebiotic and Postbiotic Applications in Poultry. , 2023, , 103-124.		1
2918	Microbiome and Metabolomic Biomarkers for Huntington's Disease. Contemporary Clinical Neuroscience, 2023, , 247-273.	0.3	0
2923	Maternal diet during breastfeeding: Could it influence food allergy risk in children?. , 2023, , .		0
2927	Prevention of food allergies with probiotics, prebiotics, and synbiotics. , 2023, , .		0
2930	Nutraceuticals and biotics in pediatric gastrointestinal disorders. European Journal of Clinical Nutrition, 2024, 78, 87-98.	1.3	1
2934	Valorisation of Coproducts and By-products Obtained from Nuts. , 2023, , 95-146.		0
2946	Advantages and Disadvantages of Nutraceuticals. , 2023, , 245-286.		0
2948	The Microbiome, Metabolism, and Networks in Precision Nutrition. , 2024, , 91-142.		0
2954	Synbiotic Fermented Meat Products. , 2024, , 39-55.		0
2955	Gut microbiota in overweight and obesity: crosstalk with adipose tissue. Nature Reviews Gastroenterology and Hepatology, 2024, 21, 164-183.	8.2	1



#	ARTICLE	IF	CITATIONS
2958	Microbiome-based approaches to food allergy treatment. , 2023, , .		0
2961	Enrichment of foods with prebiotics. , 2024, , 171-201.		0
2987	Antimicrobial use and resistance in food animal production: food safety and associated concerns in Sub-Saharan Africa. International Microbiology, 0, , .	1.1	0
2994	Prebiotic Meat Products. , 2024, , 25-37.		0
3002	Utilization of the microbiome in personalized medicine. Nature Reviews Microbiology, 0, , .	13.6	5
3003	Fermented foods and gastrointestinal health: underlying mechanisms. Nature Reviews Gastroenterology and Hepatology, 0, , .	8.2	1
3008	The Dynamics of Skin Microbiome: Association of Microbiota with Skin Disorders and Therapeutic Interventions. , 2023, , 187-204.		0
3014	Critical review on intestinal mucosal barrier protection effects of dietary polysaccharides. Food and Function, 0, , .	2.1	0
3017	Communication with Gut Microbiota: An Emerging Strategy to Predict and Prevent Cancer. , 2023, , 471-486.		0
3019	Gut Microbiome: Perspectives and Challenges in Human Health. , 2023, , 65-87.		0
3035	Gut microbiota influence frailty syndrome in older adults: mechanisms and therapeutic strategies. Biogerontology, 0, , .	2.0	0
3037	Probiotic Bacteria and Plants. , 2023, , 92-110.		0
3040	Feed Additives as Antiviral Agents. , 2023, , 327-350.		0
3041	Feed Additives in Aquaculture. , 2023, , 811-846.		0
3046	Advancing Fermented Food Products: Exploring Bioprocess Technologies and Overcoming Challenges. Food and Bioprocess Technology, 0, , .	2.6	0
3050	Gut Microbiome and Hepatic Steatosis (Steatotic Liver Disease). Endocrinology, 2024, , 1-21.	0.1	0
3051	Gut microbiome-based therapies for alleviating cognitive impairment: state of the field, limitations, and future perspectives. Food and Function, 2024, 15, 1116-1134.	2.1	1
3055	Probiotics as Curators of a Healthy Gut Microbiota. , 2024, , 361-400.		0

#	ARTICLE	IF	CITATIONS
3056	Possible Benefits and Risks of Using Probiotics in Neonates. , 2024, , 128-140.		0
3078	Gut Microbiota and Metabolism. , 2024, , 145-159.		0
3079	Dietary Interventions and Brainâ€“Gut Disorders. , 2024, , 283-305.		0
3086	The human microbiota and its therapeutic options. , 2024, , 1993-2005.		0
3087	Importance of the Microbiota in Early Life and Influence on Future Health. , 2024, , 37-76.		0
3092	Era of biotics in managing colonic disorders. , 2024, , 271-285.		0
3105	Gut Microbiome and Hepatic Steatosis (Steatotic Liver Disease). Endocrinology, 2024, , 177-197.	0.1	0
3118	The potency and prospect of biotechnological application of the thraustochytrids in Indonesia. AIP Conference Proceedings, 2024, , .	0.3	0
3132	The Players Within the Intestinal Microbiome (Bacteria, Fungi, Parasites, and Viruses). , 2023, , 13-24.		0
3141	Microbial-related treatments. , 2024, , 221-243.		0
3145	Herbal Medicines for the Management of Irritable Bowel Syndrome and Constipation Problem. , 2023, , 313-342.		0
3174	Lentil breeding. , 2024, , 43-92.		0
3186	Role of Probiotics and Prebiotics in Animal Nutrition. Sustainable Agriculture Reviews, 2024, , 173-204.	0.6	0