Interactions of gut microbiota with functional food com

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Citation Report

#	Article	IF	CITATIONS
1	The Role of Functional Foods, Nutraceuticals, and Food Supplements in Intestinal Health. Nutrients, 2010, 2, 611-625.	1.7	419
2	Chicory inulin does not increase stool weight or speed up intestinal transit time in healthy male subjects. Food and Function, 2011, 2, 72-77.	2.1	48
3	Potential of an <i>inÂvitro</i> toolbox combined with exposure data as a first step for the risk assessment of dietary chemical contaminants. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2011, 28, 1136-1158.	1.1	3
4	Dietary Polyphenols and Human Gut Microbiota: a Review. Food Reviews International, 2011, 27, 154-169.	4.3	205
5	Ultra-Performance Liquid Chromatography and Time-of-Flight Mass Spectrometry Analysis of Ginsenoside Metabolites in Human Plasma. The American Journal of Chinese Medicine, 2011, 39, 1161-1171.	1.5	62
6	Probiotics and health: An evidence-based review. Pharmacological Research, 2011, 63, 366-376.	3.1	237
7	Simultaneous intake of oat bran and atorvastatin reduces their efficacy to lower lipid levels and atherosclerosis in LDLrâ $^{\circ}$ / \hat{a}° mice. Pharmacological Research, 2011, 64, 36-43.	3.1	22
8	Current issues on probiotics in human health. Nutrafoods, 2011, 10, 9-15.	0.5	1
9	Amino acid metabolism in intestinal bacteria: links between gut ecology and host health. Frontiers in Bioscience - Landmark, 2011, 16, 1768.	3.0	434
10	Effect of grape polyphenols on lactic acid bacteria and bifidobacteria growth: Resistance and metabolism. Food Microbiology, 2011, 28, 1345-1352.	2.1	195
11	Stereospecific microbial production of isoflavanones from isoflavones and isoflavone glucosides. Applied Microbiology and Biotechnology, 2011, 91, 1173-1181.	1.7	37
12	Antioxidative protection of dietary bilberry, chokeberry and Lactobacillus plantarum HEAL19 in mice subjected to intestinal oxidative stress by ischemia-reperfusion. BMC Complementary and Alternative Medicine, 2011, 11, 8.	3.7	55
13	Effects of genetically modified T2A-1 rice on faecal microflora of rats during 90 day supplementation. Journal of the Science of Food and Agriculture, 2011, 91, 2066-2072.	1.7	13
14	Metabolic pathways of the colonic metabolism of procyanidins (monomers and dimers) and alkaloids. Food Chemistry, 2011, 126, 1127-1137.	4.2	46
15	Extra Virgin Olive Oil's Polyphenols: Biological Activities. Current Pharmaceutical Design, 2011, 17, 786-804.	0.9	190
16	Physiological effects of chicory root preparations with various levels of fructan and polyphenolic fractions in diets for rats. Archives of Animal Nutrition, 2011, 65, 74-87.	0.9	10
17	Metabolic Reconstruction for Metagenomic Data and Its Application to the Human Microbiome. PLoS Computational Biology, 2012, 8, e1002358.	1.5	939
19	Probiotics, Prebiotics and Synbiotics as Functional Food Ingredients: Production, Health Benefits and Safety. Journal of Biologically Active Products From Nature, 2012, 2, 124-134.	0.1	7

#	Article	IF	Citations
20	Reduction of hydrogen peroxide–induced erythrocyte damage by Carica papaya leaf extract. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, 449-453.	0.5	42
21	Advances in the methods for studying gut microbiota and their relevance to the research of dietary fiber functions. Food Research International, 2012, 48, 916-929.	2.9	49
22	Fermentation of xylo-oligosaccharides obtained from wheat bran and Bengal gram husk by lactic acid bacteria and bifidobacteria. Journal of Food Science and Technology, 2012, 49, 745-752.	1.4	64
23	Polyphenols and health: Moving beyond antioxidants. Journal of Berry Research, 2012, 2, 63-71.	0.7	156
24	Can experimental pharmacology be always applied to human nutrition?. International Journal of Food Sciences and Nutrition, 2012, 63, 10-13.	1.3	28
25	Anthocyanins as Apoptotic Regulators. , 2012, , 93-122.		4
26	Gut bacteria in health and disease: a survey on the interface between intestinal microbiology and colorectal cancer. Biological Reviews, 2012, 87, 701-730.	4.7	122
27	Recent Advances in the Role of Probiotics in Human Inflammation and Gut Health. Journal of Agricultural and Food Chemistry, 2012, 60, 8249-8256.	2.4	64
29	Phytochemicals and Gut Microbial Populations in Non-ruminants., 2012,, 371-389.		3
30	Influence of a high-fat diet on gut microbiota, intestinal permeability and metabolic endotoxaemia. British Journal of Nutrition, 2012, 108, 801-809.	1.2	513
31	How functional foods play critical roles in human health. Food Science and Human Wellness, 2012, 1, 26-60.	2.2	77
32	Effects Of Short-chain Galacto- And Long-chain Fructo-oligosaccharides On Systemic And Local Immune Status During Pregnancy. Journal of Allergy and Clinical Immunology, 2012, 129, AB215.	1.5	0
33	Lactobacillus fermentum CECT 5716 is safe and well tolerated in infants of 1–6 months of age: A Randomized Controlled Trial. Pharmacological Research, 2012, 65, 231-238.	3.1	85
34	Intake of alcohol-free red wine modulates antioxidant enzyme activities in a human intervention study. Pharmacological Research, 2012, 65, 609-614.	3.1	53
35	Phytonutrient and Phytotherapy for Improving Health. , 2012, , 47-58.		0
36	The Early Settlers: Intestinal Microbiology in Early Life. Annual Review of Food Science and Technology, 2012, 3, 425-447.	5.1	164
37	The Nutrigenome and Gut Microbiome: Chronic Disease Prevention with Crop Phytochemical Diversity.		1
38	The Use of Pomegranate (Punica granatum L.) Phenolic Compounds as Potential Natural Prevention Against IBDs. , 0, , .		4

3

#	ARTICLE	IF	CITATIONS
39	In vitro fermentation of potential prebiotic flours from natural sources: Impact on the human colonic microbiota and metabolome. Molecular Nutrition and Food Research, 2012, 56, 1342-1352.	1.5	55
40	Differences of small intestinal bacteria populations in adults and children with/without celiac disease: Effect of age, gluten diet, and disease. Inflammatory Bowel Diseases, 2012, 18, 649-656.	0.9	143
41	Metabolic footprint of Lactobacillus acidophilus NCFM at different pH. Metabolomics, 2012, 8, 244-252.	1.4	11
42	Purification of berry flavonol glycosides by long-bed gel permeation chromatography. Journal of Chromatography A, 2012, 1244, 20-27.	1.8	12
43	The prebiotic source influences the growth, biochemical features and survival under simulated gastrointestinal conditions of the probiotic Lactobacillus acidophilus. Anaerobe, 2012, 18, 280-285.	1.0	69
44	<i>In vitro</i> Activity on Human Gut Bacteria of Murta Leaf Extracts (<i>Ugni molinae</i> turcz.), a Native Plant from Southern Chile. Journal of Food Science, 2012, 77, M323-9.	1.5	11
45	Effects of short-chain galacto- and long-chain fructo-oligosaccharides on systemic and local immune status during pregnancy. Journal of Reproductive Immunology, 2012, 94, 161-168.	0.8	21
46	Safety assessment of transgenic <i>Bacillus thuringiensis</i> rice T1câ€19 in Sprague–Dawley rats from metabonomics and bacterial profile perspectives. IUBMB Life, 2012, 64, 242-250.	1.5	30
47	Recent Trends in Biotechnology and Therapeutic Applications of Medicinal Plants. , 2013, , .		13
48	Functional food ingredients for the management of obesity and associated co-morbidities – A review. Journal of Functional Foods, 2013, 5, 997-1012.	1.6	135
49	Benefits of polyphenols on gut microbiota and implications in human health. Journal of Nutritional Biochemistry, 2013, 24, 1415-1422.	1.9	1,146
50	Glycosaminoglycans from Animal Tissue Foods and Gut Health. Food Reviews International, 2013, 29, 192-200.	4.3	4
51	Consumption of Dietary nâ€3 Fatty Acids Decreases Fat Deposition and Adipocyte Size, but Increases Oxidative Susceptibility in Broiler Chickens. Lipids, 2013, 48, 705-717.	0.7	36
52	Developing a metagenomic view of xenobiotic metabolism. Pharmacological Research, 2013, 69, 21-31.	3.1	159
53	Fermentation in vitro of EGCG, GCG and EGCG3"Me isolated from Oolong tea by human intestinal microbiota. Food Research International, 2013, 54, 1589-1595.	2.9	103
54	Effect of increasing levels of bioflavonoids in broiler feed on plasma anti-oxidative potential, lipid metabolites, and fatty acid composition of meat. Poultry Science, 2013, 92, 454-461.	1.5	97
55	Probiotics and food allergy. Italian Journal of Pediatrics, 2013, 39, 47.	1.0	65
56	Effect of Fermentation of Pomegranate Juice by <i>Lactobacillus plantarum</i> acidophiluson the Antioxidant Activity and Metabolism of Sugars, Organic Acids and Phenolic Compounds. Food Biotechnology, 2013, 27, 1-13.	0.6	133

#	Article	IF	CITATIONS
57	Colonic catabolism of dietary phenolic and polyphenolic compounds from Concord grape juice. Food and Function, 2013, 4, 52-62.	2.1	70
58	The influence of diet on the gut microbiota. Pharmacological Research, 2013, 69, 52-60.	3.1	817
59	Green-lipped mussel extract (Perna canaliculus) and glucosamine sulphate in patients with knee osteoarthritis: therapeutic efficacy and effects on gastrointestinal microbiota profiles. Inflammopharmacology, 2013, 21, 79-90.	1.9	64
60	Re-print of "Intestinal luminal nitrogen metabolism: Role of the gut microbiota and consequences for the host― Pharmacological Research, 2013, 69, 114-126.	3.1	175
61	New food safety concerns associated with gut microbiota. Trends in Food Science and Technology, 2013, 34, 62-66.	7.8	8
62	Intestinal luminal nitrogen metabolism: Role of the gut microbiota and consequences for the host. Pharmacological Research, 2013, 68, 95-107.	3.1	349
63	Isoflavonoid Production by Genetically Engineered Microorganisms., 2013,, 1647-1681.		7
64	Nutraceuticals: Recent Developments and Future Prospectives. , 2013, , 213-224.		2
65	Toward Personalized Nutrition: Comprehensive Phytoprofiling and Metabotyping. Journal of Proteome Research, 2013, 12, 1547-1559.	1.8	27
66	Effect of the cp4-epsps Gene on Metal Bioavailability in Maize and Soybean Using Bionic Gastrointestinal Tracts and ICP-MS Determination. Journal of Agricultural and Food Chemistry, 2013, 61, 1579-1584.	2.4	8
67	Metabolic Fate of Green Tea Catechins in Humans. , 2013, , 953-969.		2
68	The Gastrointestinal Microbiome and Musculoskeletal Diseases: A Beneficial Role for Probiotics and Prebiotics. Pathogens, 2013, 2, 606-626.	1.2	46
69	Effects of genetically modified T2A-1 rice on the GI health of rats after 90-day supplement. Scientific Reports, 2013, 3, 1962.	1.6	28
70	Rapid Resolution Liquid Chromatography Coupled with Quadrupole Time-of-Flight Mass Spectrometry-Based Metabolomics Approach to Study the Effects of Jieduquyuziyin Prescription on Systemic Lupus Erythematosus. PLoS ONE, 2014, 9, e88223.	1.1	27
71	Effect of Breadmaking Process on In Vitro Gut Microbiota Parameters in Irritable Bowel Syndrome. PLoS ONE, 2014, 9, e111225.	1.1	44
72	Eruca sativa Might Influence the Growth, Survival under Simulated Gastrointestinal Conditions and Some Biological Features of Lactobacillus acidophilus, Lactobacillus plantarum and Lactobacillus rhamnosus Strains. International Journal of Molecular Sciences, 2014, 15, 17790-17805.	1.8	6
73	Effect of liquiritin on human intestinal bacteria growth: metabolism and modulation. Biomedical Chromatography, 2014, 28, 1271-1277.	0.8	32
74	Gluten Metabolism in Humans. , 2014, , 157-170.		6

#	Article	IF	Citations
75	The Gut Microbiome and the Brain. Journal of Medicinal Food, 2014, 17, 1261-1272.	0.8	498
76	Individuals' diet diversity influences gut microbial diversity in two freshwater fish (threespine) Tj ETQq1 1 0.784:	314 rgBT /	Overlock 10°
77	Action of Chicory Fructooligosaccharides on Biomimetic Membranes. International Journal of Electrochemistry, 2014, 2014, 1-8.	2.4	0
78	Special lipid-based diets alleviate cognitive deficits in the APPswe/PS1dE9 transgenic mouse model of Alzheimer's disease independent of brain amyloid deposition. Journal of Nutritional Biochemistry, 2014, 25, 157-169.	1.9	49
79	Postprandial response on fatty meal is affected by sea buckthorn (Hippophaë rhamnoides) supplementation: NMR metabolomics study. Food Research International, 2014, 58, 23-34.	2.9	6
80	Antiradical and tea polyphenol-stabilizing ability of functional fermented soymilk–tea beverage. Food Chemistry, 2014, 158, 262-269.	4.2	49
81	Gut microbiota in older subjects: variation, health consequences and dietary intervention prospects. Proceedings of the Nutrition Society, 2014, 73, 441-451.	0.4	33
82	Prebiotic effects of almonds and almond skins on intestinal microbiota in healthy adult humans. Anaerobe, 2014, 26, 1-6.	1.0	88
83	Impact of Diet on Human Intestinal Microbiota and Health. Annual Review of Food Science and Technology, 2014, 5, 239-262.	5.1	173
84	Interactions between prebiotics, probiotics, polyunsaturated fatty acids and polyphenols: diet or supplementation for metabolic syndrome prevention?. International Journal of Food Sciences and Nutrition, 2014, 65, 259-267.	1.3	40
85	Individual and combined effects of genistein and hesperidin on immunity and intestinal morphometry in lipopolysacharide-challenged broiler chickens. Poultry Science, 2014, 93, 2175-2183.	1.5	51
86	Altered erythrocyte membrane fatty acid profile in typical Rett syndrome: Effects of omega-3 polyunsaturated fatty acid supplementation. Prostaglandins Leukotrienes and Essential Fatty Acids, 2014, 91, 183-193.	1.0	25
87	Plant prebiotics and human health: Biotechnology to breed prebiotic-rich nutritious food crops. Electronic Journal of Biotechnology, 2014, 17, 238-245.	1.2	60
88	Pharma-Nutrition. AAPS Advances in the Pharmaceutical Sciences Series, 2014, , .	0.2	0
89	Thirteen-week oral dose toxicity study of Oligonol containing oligomerized polyphenols extracted from lychee and green tea. Regulatory Toxicology and Pharmacology, 2014, 68, 140-146.	1.3	14
90	Analysis of interaction property of calycosin-7-O-β-d-glucoside with human gut microbiota. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 963, 16-23.	1.2	22
91	Application of phytochemicals as growthâ€promoters and endocrine modulators in fish culture. Reviews in Aquaculture, 2014, 6, 1-19.	4.6	281
92	Host-microbial interactions in the metabolism of therapeutic and diet-derived xenobiotics. Journal of Clinical Investigation, 2014, 124, 4173-4181.	3.9	211

#	Article	IF	Citations
93	Bacillus Probiotics and Biologicals for Improving Animal and Human Health: Current Applications and Future Prospects., 2014,, 360-381.		2
95	Biopolymer-Based Delivery Systems. , 2014, , 292-367.		1
96	Scientific evidence for health effects attributed to the consumption of probiotics and prebiotics: an update for current perspectives and future challenges. British Journal of Nutrition, 2015, 114, 1993-2015.	1,2	150
97	Plant polyphenols bioavailability and modulation of the gut microbiota consortium: a paradigm shift in understanding their effects on diseases. Acta Horticulturae, 2015, , 199-210.	0.1	3
98	Food Inhibits the Oral Bioavailability of the Major Green Tea Antioxidant Epigallocatechin Gallate in Humans. Antioxidants, 2015, 4, 373-393.	2.2	85
99	Apples and Cardiovascular Healthâ€"Is the Gut Microbiota a Core Consideration?. Nutrients, 2015, 7, 3959-3998.	1.7	121
100	Effects of Fuzhuan Brick-Tea Water Extract on Mice Infected with E. coli O157:H7. Nutrients, 2015, 7, 5309-5326.	1.7	29
101	A Survey of Modulation of Gut Microbiota by Dietary Polyphenols. BioMed Research International, 2015, 2015, 1-15.	0.9	288
102	Effects of Clostridium butyricum on antioxidant properties, meat quality and fatty acid composition of broiler birds. Lipids in Health and Disease, 2015, 14, 36.	1.2	51
103	Pharmacokinetic interactions between drugs and dietary supplements: probiotic and lipid supplements. , 2015, , 69-83.		1
104	Dietary phytochemical index and the risk of insulin resistance and \hat{l}^2 -cell dysfunction: a prospective approach in Tehran lipid and glucose study. International Journal of Food Sciences and Nutrition, 2015, 66, 950-955.	1.3	37
105	Nutrients, Foods, and Colorectal Cancer Prevention. Gastroenterology, 2015, 148, 1244-1260.e16.	0.6	466
106	Faecal Metabolomic Fingerprint after Moderate Consumption of Red Wine by Healthy Subjects. Journal of Proteome Research, 2015, 14, 897-905.	1.8	59
107	Modulation of the Intestinal Microbiota Is Associated with Lower Plasma Cholesterol and Weight Gain in Hamsters Fed Chardonnay Grape Seed Flour. Journal of Agricultural and Food Chemistry, 2015, 63, 1460-1467.	2.4	46
108	An Apple a Day Keeps the Doctor Away – Inter-Relationship Between Apple Consumption, the Gut Microbiota and Cardiometabolic Disease Risk Reduction. , 2015, , 173-194.		9
109	Encapsulation, protection, and release of hydrophilic active components: Potential and limitations of colloidal delivery systems. Advances in Colloid and Interface Science, 2015, 219, 27-53.	7.0	350
110	Hops \hat{l}^2 -acids and zinc bacitracin affect the performance and intestinal microbiota of broilers challenged with Eimeria acervulina and Eimeria tenella. Animal Feed Science and Technology, 2015, 207, 181-189.	1.1	13
111	From covalent bonds to eco-physiological pharmacology of secondary plant metabolites. Biochemical Pharmacology, 2015, 98, 269-277.	2.0	5

#	Article	IF	CITATIONS
112	Curcumin ameliorates the tumor-enhancing effects of a high-protein diet in an azoxymethane-induced mouse model of colon carcinogenesis. Nutrition Research, 2015, 35, 726-735.	1.3	31
113	Dietary input of microbes and host genetic variation shape among-population differences in stickleback gut microbiota. ISME Journal, 2015, 9, 2515-2526.	4.4	291
114	Interaction of dietary compounds, especially polyphenols, with the intestinal microbiota: a review. European Journal of Nutrition, 2015, 54, 325-341.	1.8	437
115	Gut Microbiome. Nutrition in Clinical Practice, 2015, 30, 734-746.	1.1	264
116	Antimicrobial use in swine production and its effect on the swine gut microbiota and antimicrobial resistance. Canadian Journal of Microbiology, 2015, 61, 785-798.	0.8	72
117	Drug Metabolism by the Host and Gut Microbiota: A Partnership or Rivalry?. Drug Metabolism and Disposition, 2015, 43, 1499-1504.	1.7	133
119	Pathways and functions of gut microbiota metabolism impacting host physiology. Current Opinion in Biotechnology, 2015, 36, 137-145.	3.3	140
120	Perna canaliculus (Green-Lipped Mussel): Bioactive Components and Therapeutic Evaluation for Chronic Health Conditions. Progress in Drug Research Fortschritte Der Arzneimittelforschung Progres Des Recherches Pharmaceutiques, 2015, 70, 91-132.	0.6	12
121	Assessment of prebiotic potential of Akpan-yoghurt-like product and effects on the human intestinal microbiota. Journal of Functional Foods, 2015, 19, 545-553.	1.6	11
122	In vitro assessment of the prebiotic potential of Aloe vera mucilage and its impact on the human microbiota. Food and Function, 2015, 6, 525-531.	2.1	51
123	Safety assessment of genetically modified rice expressing human serum albumin from urine metabonomics and fecal bacterial profile. Food and Chemical Toxicology, 2015, 76, 1-10.	1.8	12
124	The effect of hydrolysates of proteins from rice milk on the physiological response of enterocytes and on the adhesion of bacteria from healthy and allergic people $\hat{a} \in \hat{a}$ an in vitro study. Central-European Journal of Immunology, 2016, 4, 363-375.	0.4	1
125	Microbiome, Prebiotics, and Human Health. , 2016, , 335-343.		1
126	Gut microbiota imbalance and colorectal cancer. World Journal of Gastroenterology, 2016, 22, 501.	1.4	578
127	Characterization of L. reuteri NCIMB 701359 Probiotic Features for Potential Use as a Colorectal Cancer Biotherapeutic by Identifying Fatty Acid Profile and Anti-Proliferative Action against Colorectal Cancer Cells. Drug Designing: Open Access, 2016, 5, .	0.2	6
128	Stability Comparison of Free and Encapsulated Lactobacilus casei ATCC 393 in Yoghurt for Long Time Storage. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology, 2016, 73, 99.	0.1	0
129	Diet Diversity Is Associated with Beta but not Alpha Diversity of Pika Gut Microbiota. Frontiers in Microbiology, 2016, 7, 1169.	1.5	117
130	Regulated Inflammation and Lipid Metabolism in Colon mRNA Expressions of Obese Germfree Mice Responding to Enterobacter cloacae B29 Combined with the High Fat Diet. Frontiers in Microbiology, 2016, 7, 1786.	1.5	18

#	Article	IF	CITATIONS
131	Natural Deep Eutectic Solvents (NADES) as a Tool for Bioavailability Improvement: Pharmacokinetics of Rutin Dissolved in Proline/Glycine after Oral Administration in Rats: Possible Application in Nutraceuticals. Molecules, 2016, 21, 1531.	1.7	157
132	The Reciprocal Interactions between Polyphenols and Gut Microbiota and Effects on Bioaccessibility. Nutrients, 2016, 8, 78.	1.7	573
133	Effect of Bifidobacterium breve on the Intestinal Microbiota of Coeliac Children on a Gluten Free Diet: A Pilot Study. Nutrients, 2016, 8, 660.	1.7	106
134	A Single-Batch Fermentation System to Simulate Human Colonic Microbiota for High-Throughput Evaluation of Prebiotics. PLoS ONE, 2016, 11, e0160533.	1.1	92
135	Safety Evaluation of Neo Transgenic Pigs by Studying Changes in Gut Microbiota Using High-Throughput Sequencing Technology. PLoS ONE, 2016, 11, e0150937.	1.1	7
136	Oat products modulate the gut microbiota and produce anti-obesity effects in obese rats. Journal of Functional Foods, 2016, 25, 408-420.	1.6	38
137	An exploratory study on the influence of orange juice on gut microbiota using a dynamic colonic model. Food Research International, 2016, 84, 160-169.	2.9	55
138	Microbiome in brain function and mental health. Trends in Food Science and Technology, 2016, 57, 289-301.	7.8	39
139	Biotransformation of polyphenols in a dynamic multistage gastrointestinal model. Food Chemistry, 2016, 204, 453-462.	4.2	64
140	Effects of dietary polyphenols on metabolic syndrome features in humans: a systematic review. Obesity Reviews, 2016, 17, 573-586.	3.1	323
141	Gut microbiota role in dietary protein metabolism and health-related outcomes: The two sides of the coin. Trends in Food Science and Technology, 2016, 57, 213-232.	7.8	237
142	The structural alteration of gut microbiota in low-birth-weight mice undergoing accelerated postnatal growth. Scientific Reports, 2016, 6, 27780.	1.6	34
143	Impact of polyphenols combined with high-fat diet on rats' gut microbiota. Journal of Functional Foods, 2016, 26, 763-771.	1.6	37
144	Role of gut microbiota and nutrients in amyloid formation and pathogenesis of Alzheimer disease. Nutrition Reviews, 2016, 74, 624-634.	2.6	401
145	Functional Foods and Feeds. , 2016, , 35-86.		7
146	Serum pharmacokinetics of choline, trimethylamine, and trimethylamine-N-oxide after oral gavage of phosphatidylcholines with different fatty acid compositions in mice. Bioscience, Biotechnology and Biochemistry, 2016, 80, 2217-2223.	0.6	9
147	In vitro fermentation of mulberry fruit polysaccharides by human fecal inocula and impact on microbiota. Food and Function, 2016, 7, 4637-4643.	2.1	78
148	Human Microbiome and its Association With Health and Diseases. Journal of Cellular Physiology, 2016, 231, 1688-1694.	2.0	98

#	ARTICLE	IF	CITATIONS
149	How Our Other Genome Controls Our Epi-Genome. Trends in Microbiology, 2016, 24, 777-787.	3.5	72
150	Encapsulation of Holy Basil Essential Oil in Gelatin: Effects of Palmitic Acid in Carboxymethyl Cellulose Emulsion Coating on Antioxidant and Antimicrobial Activities. Food and Bioprocess Technology, 2016, 9, 1735-1745.	2.6	42
151	Water-soluble fractions obtained by enzymatic treatment of wheat grains promote short chain fatty acids production by broiler cecal microbiota. Animal Feed Science and Technology, 2016, 218, 110-119.	1.1	13
152	Beneficial effects of an <i>Andrographis paniculata</i> extract and andrographolide on cognitive functions in streptozotocin-induced diabetic rats. Pharmaceutical Biology, 2016, 54, 1528-1538.	1.3	54
153	L-Carnitine intake and high trimethylamine N-oxide plasma levels correlate with low aortic lesions in ApoEâ $^{\prime}$ / \hat{a}^{\prime} transgenic mice expressing CETP. Atherosclerosis, 2016, 244, 29-37.	0.4	145
154	The Modulatory Effect of Anthocyanins from Purple Sweet Potato on Human Intestinal Microbiota in Vitro. Journal of Agricultural and Food Chemistry, 2016, 64, 2582-2590.	2.4	99
155	Effects of Cocoa Husk Feeding on the Composition of Swine Intestinal Microbiota. Journal of Agricultural and Food Chemistry, 2016, 64, 2046-2052.	2.4	46
156	In vitro extraction and fermentation of polyphenols from grape seeds (Vitis vinifera) by human intestinal microbiota. Food and Function, 2016, 7, 1959-1967.	2.1	62
157	Association between the gut microbiota and diet: Fetal life, early childhood, and further life. Nutrition, 2016, 32, 620-627.	1.1	119
158	High throughput sequencing analysis reveals amelioration of intestinal dysbiosis by squid ink polysaccharide. Journal of Functional Foods, 2016, 20, 506-515.	1.6	44
159	Use of polyphenol-rich grape by-products in monogastric nutrition. A review. Animal Feed Science and Technology, 2016, 211, 1-17.	1.1	219
160	Sorghum (<i>Sorghum bicolor</i> L.): Nutrients, bioactive compounds, and potential impact on human health. Critical Reviews in Food Science and Nutrition, 2017, 57, 372-390.	5.4	246
163	Green tea polyphenols reduce obesity in highâ€fat dietâ€induced mice by modulating intestinal microbiota composition. International Journal of Food Science and Technology, 2017, 52, 1723-1730.	1.3	50
164	Influence of Diet on the Course of Inflammatory Bowel Disease. Digestive Diseases and Sciences, 2017, 62, 2087-2094.	1.1	44
165	Effect of apple extracts and selective polyphenols on the adhesion of potential probiotic strains of Lactobacillus gasseri R and Lactobacillus casei FMP. Journal of Functional Foods, 2017, 35, 391-397.	1.6	32
166	Gut Microbiome in Chronic Kidney Disease. Current Hypertension Reports, 2017, 19, 29.	1.5	47
167	Microbiome and metabolome modifying effects of several cardiovascular disease interventions in apo-Eâ ⁻ /lâ ⁻ mice. Microbiome, 2017, 5, 30.	4.9	83
168	Gut microbiota and attention deficit hyperactivity disorder: new perspectives for a challenging condition. European Child and Adolescent Psychiatry, 2017, 26, 1081-1092.	2.8	108

#	Article	IF	CITATIONS
169	The modulatory effect of (-)-epigallocatechin 3-O-(3-O-methyl) gallate (EGCG3″Me) on intestinal microbiota of high fat diet-induced obesity mice model. Food Research International, 2017, 92, 9-16.	2.9	117
170	Evaluation of clinical safety and beneficial effects of stachyose-enriched α-galacto-oligosaccharides on gut microbiota and bowel function in humans. Food and Function, 2017, 8, 262-269.	2.1	39
171	Understanding the Molecular Mechanisms of the Interplay Between Herbal Medicines and Gut Microbiota. Medicinal Research Reviews, 2017, 37, 1140-1185.	5.0	241
172	The future of food colloids: Next-generation nanoparticle delivery systems. Current Opinion in Colloid and Interface Science, 2017, 28, 7-14.	3.4	59
173	Microbial and endogenous metabolic conversions of rye phytochemicals. Molecular Nutrition and Food Research, 2017, 61, 1600627.	1.5	20
175	Is there a relationship between intestinal microbiota, dietary compounds, and obesity?. Trends in Food Science and Technology, 2017, 70, 105-113.	7.8	53
176	Oolong Tea Polyphenols–Phospholipids Complex Reduces Obesity in High Fat Dietâ€Induced Mice Model. European Journal of Lipid Science and Technology, 2017, 119, 1600394.	1.0	9
177	Utilization of the pectin and pulp of the passion fruit from Caatinga as probiotic food carriers. Food Bioscience, 2017, 20, 56-61.	2.0	35
178	Prospects of brown seaweed polysaccharides (BSP) as prebiotics and potential immunomodulators. Journal of Food Biochemistry, 2017, 41, e12392.	1.2	67
179	Physicochemical properties and inÂvitro digestibility of potato starch after inclusion with vanillic acid. LWT - Food Science and Technology, 2017, 85, 218-224.	2.5	20
180	Human Gastrointestinal Metabolism of the Cistanches Herba Water Extract in Vitro: Elucidation of the Metabolic Profile Based on Comprehensive Metabolite Identification in Gastric Juice, Intestinal Juice, Human Intestinal Bacteria, and Intestinal Microsomes. Journal of Agricultural and Food Chemistry, 2017, 65, 7447-7456.	2.4	27
181	Chardonnay grape seed flour supplemented diets alter intestinal microbiota in diet-induced obese mice. Journal of Food Biochemistry, 2017, 41, e12396.	1.2	21
182	Starchâ€based carbohydrates display the bifidogenic and butyrogenic properties in pHâ€controlled faecal fermentation. International Journal of Food Science and Technology, 2017, 52, 2647-2653.	1.3	25
183	$\langle i \rangle$ Lactobacillus acidophilus $\langle i \rangle$ Metabolizes Dietary Plant Glucosides and Externalizes Their Bioactive Phytochemicals. MBio, 2017, 8, .	1.8	90
184	Progress in the understanding of the pathology of allergic asthma and the potential of fruit proanthocyanidins as modulators of airway inflammation. Food and Function, 2017, 8, 4315-4324.	2.1	29
185	Dietary Impacts on the Composition of Microbiota in Human Health and Disease., 2017,, 377-404.		0
187	Escherichia coli GutM4 produces 2,5-diketopiperazines and inhibits human pathogens in vitro. Electronic Journal of Biotechnology, 2017, 28, 35-40.	1.2	4
188	Cancer chemoprevention through dietary flavonoids: what's limiting?. Chinese Journal of Cancer, 2017, 36, 50.	4.9	139

#	Article	IF	CITATIONS
189	Wheat bread enriched with green coffee – In vitro bioaccessibility and bioavailability of phenolics and antioxidant activity. Food Chemistry, 2017, 221, 1451-1457.	4.2	73
190	Complementary and Alternative Medicine Strategies for Therapeutic Gut Microbiota Modulation in Inflammatory Bowel Disease and their Next-Generation Approaches. Gastroenterology Clinics of North America, 2017, 46, 689-729.	1.0	27
191	Importance of Phosphoric Acid for Functional Foods: Prebiotics Oligosaccharides., 2017,, 433-465.		2
192	CuHerbDB- for pharmacogenomics and study of phytochemicals in culinary and medicinal herbs. , 2017,		3
193	Bridging the Gap between Gut Microbial Dysbiosis and Cardiovascular Diseases. Nutrients, 2017, 9, 859.	1.7	132
194	Multi-Omics Analysis Reveals a Correlation between the Host Phylogeny, Gut Microbiota and Metabolite Profiles in Cyprinid Fishes. Frontiers in Microbiology, 2017, 8, 454.	1.5	57
195	Balancing Herbal Medicine and Functional Food for Prevention and Treatment of Cardiometabolic Diseases through Modulating Gut Microbiota. Frontiers in Microbiology, 2017, 8, 2146.	1.5	148
196	The Gastrointestinal Tract as a Key Target Organ for the Health-Promoting Effects of Dietary Proanthocyanidins. Frontiers in Nutrition, 2016, 3, 57.	1.6	70
197	Role of Natural Fermented Olives in Health and Disease. , 2017, , 517-542.		4
198	Gut Fermentation of Dietary Fibres: Physico-Chemistry of Plant Cell Walls and Implications for Health. International Journal of Molecular Sciences, 2017, 18, 2203.	1.8	165
199	The potential of berries to serve as selective inhibitors of pathogens and promoters of beneficial microorganisms. Food Quality and Safety, 2017, 1, 3-12.	0.6	7
200	The Relationship Between Phenolic Compounds from Diet and Microbiota. , 0, , .		3
201	The ecological community of commensal, symbiotic, and pathogenic gastrointestinal microorganisms & mp;ndash; an appraisal. Clinical and Experimental Gastroenterology, 2017, Volume 10, 91-103.	1.0	38
202	The potentially beneficial effects of supplementation with hesperidin in poultry diets. World's Poultry Science Journal, 2018, 74, 265-276.	1.4	24
203	Coix polysaccharides: Gut microbiota regulation and immunomodulatory. Bioactive Carbohydrates and Dietary Fibre, 2018, 16, 53-61.	1.5	34
204	The influence of diet and environment on the gut microbial community of field crickets. Ecology and Evolution, 2018, 8, 4704-4720.	0.8	63
205	The modulatory effect of nanocomplexes loaded with EGCG3ʺMe on intestinal microbiota of high fat diet-induced obesity mice model. Journal of Food Biochemistry, 2018, 42, e12501.	1.2	11
206	The role of the gut microbiota in schizophrenia: Current and future perspectives. World Journal of Biological Psychiatry, 2018, 19, 571-585.	1.3	39

#	Article	IF	CITATIONS
207	Metabolomics Study Reveals Enhanced Inhibition and Metabolic Dysregulation in <i>Escherichia coli</i> Induced by <i>Lactobacillus acidophilus</i> Agricultural and Food Chemistry, 2018, 66, 1386-1393.	2.4	16
208	Green Tea Polyphenols Modulate Colonic Microbiota Diversity and Lipid Metabolism in Highâ€Fat Diet Treated HFA Mice. Journal of Food Science, 2018, 83, 864-873.	1.5	95
209	The evaluation of the quality of Feng Huang Oolong teas and their modulatory effect on intestinal microbiota of high-fat diet-induced obesity mice model. International Journal of Food Sciences and Nutrition, 2018, 69, 842-856.	1.3	17
210	A metagenomics approach to the intestinal microbiome structure and function in high fat diet-induced obesity mice fed with oolong tea polyphenols. Food and Function, 2018, 9, 1079-1087.	2.1	99
211	Threonine, arginine, and glutamine: Influences on intestinal physiology, immunology, and microbiology in broilers. Poultry Science, 2018, 97, 937-945.	1.5	56
212	Bioaccessibility and potential bioavailability of phenolic compounds from achenes as a new target for strawberry breeding programs. Food Chemistry, 2018, 248, 155-165.	4.2	76
213	Microbial Unmasking of Plant Glycosides. MBio, 2018, 9, .	1.8	6
214	Modifications in gut microbiota and fermentation metabolites in the hindgut of rats after the consumption of galactooligosaccharide glycated with a fish peptide. Food and Function, 2018, 9, 2853-2864.	2.1	32
215	Understanding the prebiotic potential of different dietary fibers using an in vitro continuous adult fermentation model (PolyFermS). Scientific Reports, 2018, 8, 4318.	1.6	125
216	Plant essential oils as fish diet additives: benefits on fish health and stability in feed. Reviews in Aquaculture, 2018, 10, 716-726.	4.6	120
217	Preparation and functional properties of probiotic and oat-based synbiotic yogurts fermented with lactic acid bacteria. Applied Biological Chemistry, 2018, 61, 25-37.	0.7	14
218	Disorder of gut amino acids metabolism during CKD progression is related with gut microbiota dysbiosis and metagenome change. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 425-435.	1.4	41
219	The influence of in vitro pectin fermentation on the human fecal microbiome. AMB Express, 2018, 8, 98.	1.4	79
220	The gut microbiota and cardiovascular health benefits: A focus on wholegrain oats. Nutrition Bulletin, 2018, 43, 358-373.	0.8	17
221	Dietary Supplementation With Chinese Herbal Residues or Their Fermented Products Modifies the Colonic Microbiota, Bacterial Metabolites, and Expression of Genes Related to Colon Barrier Function in Weaned Piglets. Frontiers in Microbiology, 2018, 9, 3181.	1.5	15
222	An overview on the interplay between nutraceuticals and gut microbiota. PeerJ, 2018, 6, e4465.	0.9	27
223	Phenolic Compounds Characteristic of the Mediterranean Diet in Mitigating Microglia-Mediated Neuroinflammation. Frontiers in Cellular Neuroscience, 2018, 12, 373.	1.8	84
224	The Role of Polyphenols in Human Health and Food Systems: A Mini-Review. Frontiers in Nutrition, 2018, 5, 87.	1.6	799

#	Article	IF	CITATIONS
225	Study on antibacterial and flavonoid content of ethanolic extract of Punica granatum (pomegranate) peel. Mental Illness, 2018, 9, .	0.8	10
226	Cereal-Based Fermented Foods of Africa as Functional Foods. Reference Series in Phytochemistry, 2018, , 1-32.	0.2	7
227	Effects of Whole-Grain Rice and Wheat on Composition of Gut Microbiota and Short-Chain Fatty Acids in Rats. Journal of Agricultural and Food Chemistry, 2018, 66, 6326-6335.	2.4	65
228	Microbiome-Mediated Effects of the Mediterranean Diet on Inflammation. Advances in Nutrition, 2018, 9, 193-206.	2.9	126
229	Gut Dysbiosis and Muscle Aging: Searching for Novel Targets against Sarcopenia. Mediators of Inflammation, 2018, 2018, 1-15.	1.4	104
230	Advances in nutraceutical delivery systems: From formulation design for bioavailability enhancement to efficacy and safety evaluation. Trends in Food Science and Technology, 2018, 78, 270-291.	7.8	160
231	Phytochemicals That Influence Gut Microbiota as Prophylactics and for the Treatment of Obesity and Inflammatory Diseases. Mediators of Inflammation, 2018, 2018, 1-18.	1.4	130
232	Nanotechnological approaches to colon-specific drug delivery for modulating the quorum sensing of gut-associated pathogens., 2018,, 325-377.		1
233	Introduction in Nutraceutical and Medicinal Foods., 2018,, 1-12.		3
234	Functional Characteristics of the Flying Squirrel's Cecal Microbiota under a Leaf-Based Diet, Based on Multiple Meta-Omic Profiling. Frontiers in Microbiology, 2017, 8, 2622.	1.5	5
235	Isoquercetin and inulin synergistically modulate the gut microbiome to prevent development of the metabolic syndrome in mice fed a high fat diet. Scientific Reports, 2018, 8, 10100.	1.6	44
236	Mind the gut: genomic insights to population divergence and gut microbial composition of two marine keystone species. Microbiome, 2018, 6, 82.	4.9	28
237	Mechanisms of Action of Kefir in Chronic Cardiovascular and Metabolic Diseases. Cellular Physiology and Biochemistry, 2018, 48, 1901-1914.	1.1	49
238	Green tea polyphenols modify gut-microbiota dependent metabolisms of energy, bile constituents and micronutrients in female Sprague–Dawley rats. Journal of Nutritional Biochemistry, 2018, 61, 68-81.	1.9	43
239	Human colonic microbiota modulation and branched chain fatty acids production affected by soy protein hydrolysate. International Journal of Food Science and Technology, 2019, 54, 141-148.	1.3	32
240	Water-soluble substances of wheat: a potential preventer of aflatoxin B1-induced liver damage in broilers. Poultry Science, 2019, 98, 136-149.	1.5	43
241	Pectin as an Alternative Feed Additive and Effects on Microbiota., 2019,, 305-319.		1
242	Probiotics Beverages: An Alternative Treatment for Metabolic Syndrome. , 2019, , 459-482.		2

#	Article	IF	CITATIONS
243	Effect of dietary supplementation with citral-loaded nanostructured systems on innate immune responses and gut microbiota of silver catfish (Rhamdia quelen). Journal of Functional Foods, 2019, 60, 103454.	1.6	12
244	Dose Effects of Orally Administered Spirulina Suspension on Colonic Microbiota in Healthy Mice. Frontiers in Cellular and Infection Microbiology, 2019, 9, 243.	1.8	30
245	Polyphenols for diabetes associated neuropathy: Pharmacological targets and clinical perspective. DARU, Journal of Pharmaceutical Sciences, 2019, 27, 781-798.	0.9	28
246	In vitro and in vivo metabolism of Cistanche tubulosa extract in normal and chronic unpredictable stress-induced depressive rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1125, 121728.	1.2	8
247	Comorbid brain disorders associated with diabetes: therapeutic potentials of prebiotics, probiotics and herbal drugs. Translational Medicine Communications, 2019, 4, .	0.5	12
248	In vitro Fermentation of Polysaccharides from Aloe vera and the Evaluation of Antioxidant Activity and Production of Short Chain Fatty Acids. Molecules, 2019, 24, 3605.	1.7	28
249	Optimization analysis of giant spiral case with combined embedding method. IOP Conference Series: Earth and Environmental Science, 2019, 304, 032064.	0.2	1
250	Effects of grape pomace and seed polyphenol extracts on the recovery of gut microbiota after antibiotic treatment in highâ€fat dietâ€fed mice. Food Science and Nutrition, 2019, 7, 2897-2906.	1.5	23
251	Alternating consumption of $\hat{l}^2 \hat{a} \in g$ lucan and quercetin reduces mortality in mice with colorectal cancer. Food Science and Nutrition, 2019, 7, 3273-3285.	1.5	23
252	Effects of the Essential Oil from Pistacia lentiscus Var. chia on the Lateral Line System and the Gene Expression Profile of Zebrafish (Danio rerio). Molecules, 2019, 24, 3919.	1.7	10
253	Gut microbes, ageing & organ function: a chameleon in modern biology?. EMBO Molecular Medicine, 2019, 11, e9872.	3.3	14
254	Effects of Moringa oleifera extracts and monensin on performance of growing rabbits. Livestock Science, 2019, 228, 136-143.	0.6	25
255	Wheat Gluten Regulates Cholesterol Metabolism by Modulating Gut Microbiota in Hamsters with Hyperlipidemia. Journal of Oleo Science, 2019, 68, 909-922.	0.6	11
256	Chemical Composition and In Vitro Bioaccessibility of Antioxidant Phytochemicals from Selected Edible Nuts. Nutrients, 2019, 11, 2303.	1.7	21
257	Development of Salmonellosis as Affected by Bioactive Food Compounds. Microorganisms, 2019, 7, 364.	1.6	5
258	Cinnamon subcritical water extract attenuates intestinal inflammation and enhances intestinal tight junction in a Caco-2 and RAW264.7 co-culture model. Food and Function, 2019, 10, 4350-4360.	2.1	30
259	Nutraceuticals in Gastrointestinal Conditions. , 2019, , 467-479.		0
260	Sinapine reduces non-alcoholic fatty liver disease in mice by modulating the composition of the gut microbiota. Food and Function, 2019, 10, 3637-3649.	2.1	55

#	Article	IF	Citations
261	Review article: emerging role of the gut microbiome in the progression of nonalcoholic fatty liver disease and potential therapeutic implications. Alimentary Pharmacology and Therapeutics, 2019, 50, 144-158.	1.9	50
262	Effect of different freezing methods on the bioaccessibility of strawberry polyphenols. International Journal of Food Science and Technology, 2019, 54, 2652-2660.	1.3	31
263	Mung Bean (Vigna radiata L.): Bioactive Polyphenols, Polysaccharides, Peptides, and Health Benefits. Nutrients, 2019, 11, 1238.	1.7	193
264	Effects of millet whole grain supplementation on the lipid profile and gut bacteria in rats fed with high-fat diet. Journal of Functional Foods, 2019, 59, 49-59.	1.6	28
265	Vitamin C and B ₃ as new biomaterials to alter intestinal stem cells. Journal of Biomedical Materials Research - Part A, 2019, 107, 1886-1897.	2.1	14
266	Effects of dietary mixed probiotics on growth, non-specific immunity, intestinal morphology and microbiota of juvenile pacific white shrimp, Litopenaeus vannamei. Fish and Shellfish Immunology, 2019, 90, 456-465.	1.6	74
267	Polyphenolic Nutraceuticals to Combat Oxidative Stress Through Microbiota Modulation. Frontiers in Pharmacology, 2019, 10, 492.	1.6	24
268	Gut Reactions: Breaking Down Xenobiotic–Microbiome Interactions. Pharmacological Reviews, 2019, 71, 198-224.	7.1	211
269	Dietary Components That May Influence the Disturbed Gut Microbiota in Chronic Kidney Disease. Nutrients, 2019, 11, 496.	1.7	112
270	BPA and Nutraceuticals, Simultaneous Effects on Endocrine Functions. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 594-604.	0.6	29
271	O PAPEL DA MICROBIOTA COMO ALIADA NO SISTEMA IMUNOLÓGICO. Arquivos Do Mudi, 2019, 23, 345-358.	0.1	1
272	Comparative analysis of microbiota along the length of the gastrointestinal tract of two tree squirrel species (<i>Sciurus aberti</i> and <i>S. niger</i>) living in sympatry. Ecology and Evolution, 2019, 9, 13344-13358.	0.8	5
273	Other Industrial Uses of Sorghum. , 2019, , 271-292.		9
274	Dietary compounds and traditional Chinese medicine ameliorate type 2 diabetes by modulating gut microbiota. Critical Reviews in Food Science and Nutrition, 2019, 59, 848-863.	5.4	132
275	Dietary Amino Acids and the Gutâ€Microbiomeâ€Immune Axis: Physiological Metabolism and Therapeutic Prospects. Comprehensive Reviews in Food Science and Food Safety, 2019, 18, 221-242.	5.9	166
276	Functional Food Consumption and Its Physiological Effects. , 2019, , 205-225.		22
277	Daily Consumption of Orange Juice from <i>Citrus sinensis</i> L. Osbeck cv. Cara Cara and cv. Bahia Differently Affects Gut Microbiota Profiling as Unveiled by an Integrated Meta-Omics Approach. Journal of Agricultural and Food Chemistry, 2019, 67, 1381-1391.	2.4	39
278	Antioxidant potential and phenolic profile of blackberry anthocyanin extract followed by human gut microbiota fermentation. Food Research International, 2019, 120, 523-533.	2.9	60

#	Article	IF	CITATIONS
279	Chemistry and Health Effect of Tea Polyphenol (â^²)-Epigallocatechin 3- <i>O</i> -(3- <i>O</i> -Methyl)gallate. Journal of Agricultural and Food Chemistry, 2019, 67, 5374-5378.	2.4	29
280	Understanding the role of active components from plant sources in obesity management. Journal of the Saudi Society of Agricultural Sciences, 2019, 18, 168-176.	1.0	27
281	You are what you eat: diet, health and the gut microbiota. Nature Reviews Gastroenterology and Hepatology, 2019, 16, 35-56.	8.2	980
282	Probiotic and Synbiotic Sorbets Produced with Jussara (Euterpe edulis) Pulp: Evaluation Throughout the Storage Period and Effect of the Matrix on Probiotics Exposed to Simulated Gastrointestinal Fluids. Probiotics and Antimicrobial Proteins, 2019, 11, 264-272.	1.9	11
283	Effect of VSL#3 Probiotic in a Patient with Glycogen Storage Disease Type Ia and Irritable Bowel Disease-like Disease. Probiotics and Antimicrobial Proteins, 2019, 11, 143-149.	1.9	10
284	Influence of functional food components on gut health. Critical Reviews in Food Science and Nutrition, 2019, 59, 1927-1936.	5.4	118
285	Impact of plant extracts upon human health: A review. Critical Reviews in Food Science and Nutrition, 2020, 60, 873-886.	5.4	92
286	A Metagenomic Study of Intestinal Microbial Diversity in Relation to Feeding Habits of Surface and Cave-Dwelling Sinocyclocheilus Species. Microbial Ecology, 2020, 79, 299-311.	1.4	22
287	Bioconversion of marine waste biomass for biofuel and value-added products recovery. , 2020, , 481-507.		4
288	Leveraging Human Genetics to Identify Potential New Treatments for Fatty Liver Disease. Cell Metabolism, 2020, 31, 35-45.	7.2	130
289	Anti-obesity effects of α-amylase inhibitor enriched-extract from white common beans (<i>Phaseolus) Tj ETQq0 Coobese rats. Food and Function, 2020, 11, 1624-1634.</i>	0 rgBT /C 2.1	
290	Dietary resveratrol attenuated colitis and modulated gut microbiota in dextran sulfate sodium-treated mice. Food and Function, 2020, 11, 1063-1073.	2.1	75
291	Beneficial Effects of Dietary Polyphenols on High-Fat Diet-Induced Obesity Linking with Modulation of Gut Microbiota. Journal of Agricultural and Food Chemistry, 2020, 68, 33-47.	2.4	123
292	An evaluation of the prebiotic potential of microbial levans from Erwinia sp. 10119. Journal of Functional Foods, 2020, 64, 103668.	1.6	34
293	Metabolomics reveals impact of seven functional foods on metabolic pathways in a gut microbiota model. Journal of Advanced Research, 2020, 23, 47-59.	4.4	70
294	Antioxidant and prebiotic potential of Murraya koenigii and Brassica oleracea var. botrytis leaves as food ingredient. Journal of Agriculture and Food Research, 2020, 2, 100069.	1.2	13
295	Managing obesity through natural polyphenols: A review. Future Foods, 2020, 1-2, 100002.	2.4	48
296	Mushroom Bulgaria inquinans Modulates Host Immunological Response and Gut Microbiota in Mice. Frontiers in Nutrition, 2020, 7, 144.	1.6	17

#	Article	IF	CITATIONS
297	Targeting gut microbiota for precision medicine: Focusing on the efficacy and toxicity of drugs. Theranostics, 2020, 10, 11278-11301.	4.6	56
298	Effects of Dietary Supplementation with \hat{l}^2 -Selenocarrageenan on the Selenium Accumulation and Intestinal Microbiota of the Sea Cucumbers Apostichopus japonicus. Biological Trace Element Research, 2021, 199, 2753-2763.	1.9	2
299	The Role of Fruit by-Products as Bioactive Compounds for Intestinal Health. Foods, 2020, 9, 1716.	1.9	30
300	Extrinsic factors influencing gut microbes, the immediate consequences and restoring eubiosis. AMB Express, 2020, 10, 130.	1.4	64
301	Molecular networking based LC/MS reveals novel biotransformation products of green coffee by ex vivo cultures of the human gut microbiome. Metabolomics, 2020, 16, 86.	1.4	9
302	Identification of Xanthomicrol as a Major Metabolite of 5-Demethyltangeretin in Mouse Gastrointestinal Tract and Its Inhibitory Effects on Colon Cancer Cells. Frontiers in Nutrition, 2020, 7, 103.	1.6	6
303	Amorphous systems for delivery of nutraceuticals: challenges opportunities. Critical Reviews in Food Science and Nutrition, 2022, 62, 1204-1221.	5.4	10
304	Functional Foods: An Approach to Modulate Molecular Mechanisms of Alzheimer's Disease. Cells, 2020, 9, 2347.	1.8	33
305	Phytochemicals as modifiers of gut microbial communities. Food and Function, 2020, 11, 8444-8471.	2.1	85
307	Microbial Alterations and Risk Factors of Breast Cancer: Connections and Mechanistic Insights. Cells, 2020, 9, 1091.	1.8	38
308	The Targeted Impact of Flavones on Obesity-Induced Inflammation and the Potential Synergistic Role in Cancer and the Gut Microbiota. Molecules, 2020, 25, 2477.	1.7	22
310	Biological fate of nanoencapsulated food bioactives. , 2020, , 351-393.		1
311	Encapsulation of tartary buckwheat flavonoids and application to yoghurt. Journal of Microencapsulation, 2020, 37, 445-456.	1.2	8
312	Diet-Derived Phytochemicals Targeting Colon Cancer Stem Cells and Microbiota in Colorectal Cancer. International Journal of Molecular Sciences, 2020, 21, 3976.	1.8	41
313	Milk phospholipid supplementation mediates colonization resistance of mice against <i>Salmonella</i> infection in association with modification of gut microbiota. Food and Function, 2020, 11, 6078-6090.	2.1	9
314	Microbiome: pharmacokinetics, pharmacodynamics and drug/xenobiotic interactions. African Journal of Clinical and Experimental Microbiology, 2020, 21, 78-87.	0.1	0
315	An Integrated Multi-Disciplinary Perspective for Addressing Challenges of the Human Gut Microbiome. Metabolites, 2020, 10, 94.	1.3	13
316	<i>In vitro</i> α-glucosidase inhibition by honeybush (<i>Cyclopia genistoides</i>) food ingredient extractâ€"potential for dose reduction of acarbose through synergism. Food and Function, 2020, 11, 6476-6486.	2.1	12

#	Article	IF	CITATIONS
317	New insights into red plant pigments: more than just natural colorants. RSC Advances, 2020, 10, 24669-24682.	1.7	60
318	Impact of functional flours from pineapple by-products on human intestinal microbiota. Journal of Functional Foods, 2020, 67, 103830.	1.6	40
319	Whole mung bean (Vigna radiata L.) supplementation prevents high-fat diet-induced obesity and disorders in a lipid profile and modulates gut microbiota in mice. European Journal of Nutrition, 2020, 59, 3617-3634.	1.8	28
320	The effect of sprayâ€dried porcine plasma on gilthead seabream (<i>Sparus aurata</i>) intestinal microbiota. Aquaculture Nutrition, 2020, 26, 801-811.	1.1	15
321	Influence of cecotrophy on fat metabolism mediated by caecal microorganisms in New Zealand white rabbits. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 749-757.	1.0	10
322	The interaction between dietary marine components and intestinal flora. Marine Life Science and Technology, 2020, 2, 161-171.	1.8	12
323	Captivity Influences Gut Microbiota in Crocodile Lizards (Shinisaurus crocodilurus). Frontiers in Microbiology, 2020, 11, 550.	1.5	27
324	Gut microbiome: A possible common therapeutic target for treatment of atherosclerosis and cancer. Seminars in Cancer Biology, 2021, 70, 85-97.	4.3	21
325	Beneficial effects of mung bean seed coat on the prevention of high-fat diet-induced obesity and the modulation of gut microbiota in mice. European Journal of Nutrition, 2021, 60, 2029-2045.	1.8	17
326	In vitro saliva-gastrointestinal digestion and fecal fermentation of Oudemansiella radicata polysaccharides reveal its digestion profile and effect on the modulation of the gut microbiota. Carbohydrate Polymers, 2021, 251, 117041.	5.1	78
327	Prebiotic effects of olive pomace powders in the gut: In vitro evaluation of the inhibition of adhesion of pathogens, prebiotic and antioxidant effects. Food Hydrocolloids, 2021, 112, 106312.	5.6	30
328	Role of nâ€3 Fatty Acids on Bile Acid Metabolism and Transport in Dyslipidemia: A Review. Lipids, 2021, 56, 125-139.	0.7	2
329	Pinto beans modulate the gut microbiome, augment MHC II protein, and antimicrobial peptide gene expression in mice fed a normal or western-style diet. Journal of Nutritional Biochemistry, 2021, 88, 108543.	1.9	13
330	The alga Euglena gracilis stimulates Faecalibacterium in the gut and contributes to increased defecation. Scientific Reports, 2021, 11, 1074.	1.6	20
331	Polyphenols and their antioxidant and nonantioxidant effects in health and disease., 2021,, 191-206.		0
332	Antileishmanial Activity of Lignans, Neolignans, and Other Plant Phenols. Progress in the Chemistry of Organic Natural Products, 2021, 115, 115-176.	0.8	1
333	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
334	Probiotics, Microbiome and the Concept of Cross-Feeding. , 2022, , 199-220.		2

#	Article	IF	CITATIONS
335	The Gut Microbiome in Pediatrics. , 2021, , 32-39.e3.		1
336	Gut Microbiome for Ginseng Medicine. Compendium of Plant Genomes, 2021, , 171-183.	0.3	О
337	Effect of soybean insoluble dietary fiber on prevention of obesity in high-fat diet fed mice <i>via</i> regulation of the gut microbiota. Food and Function, 2021, 12, 7923-7937.	2.1	46
338	Effects of Banana Resistant Starch on the Biochemical Indexes and Intestinal Flora of Obese Rats Induced by a High-Fat Diet and Their Correlation Analysis. Frontiers in Bioengineering and Biotechnology, 2021, 9, 575724.	2.0	32
339	A Novel Grape-Derived Prebiotic Selectively Enhances Abundance and Metabolic Activity of Butyrate-Producing Bacteria in Faecal Samples. Frontiers in Microbiology, 2021, 12, 639948.	1.5	3
340	Taxonomic and Functional Characteristics of the Gill and Gastrointestinal Microbiota and Its Correlation with Intestinal Metabolites in NEW GIFT Strain of Farmed Adult Nile Tilapia (Oreochromis) Tj ETQq1 1	017&4314	r gB T /Over
341	Moringa oleifera leaf fractions attenuated Naje haje venom-induced cellular dysfunctions via modulation of Nrf2 and inflammatory signalling pathways in rats. Biochemistry and Biophysics Reports, 2021, 25, 100890.	0.7	6
342	Dietary probiotics as a strategy for improving growth performance, intestinal efficacy, immunity, and antioxidant capacity of white Pekin ducks fed with different levels of CP. Poultry Science, 2021, 100, 100898.	1.5	11
343	Isolated Pea Resistant Starch Substrates with Different Structural Features Modulate the Production of Short-Chain Fatty Acids and Metabolism of Microbiota in Anaerobic Fermentation In Vitro. Journal of Agricultural and Food Chemistry, 2021, 69, 5392-5404.	2.4	31
344	The importance of prebiotics in the regulation of metabolic syndrome disorders. Ukrainian Therapeutical Journal, 2021, , .	0.0	O
345	Influence of Pressure Extraction Systems on the Performance, Quality and Composition of Virgin Almond Oil and Defatted Flours. Foods, 2021, 10, 1049.	1.9	8
346	Plants arabinogalactans: From structures to physico-chemical and biological properties. Biotechnology Advances, 2021, 53, 107771.	6.0	20
347	An Overview of Current Knowledge of the Gut Microbiota and Low-Calorie Sweeteners. Nutrition Today, 2021, 56, 105-113.	0.6	4
348	Seasonal Variation in Gut Microbiota Related to Diet in Fejervarya limnocharis. Animals, 2021, 11, 1393.	1.0	20
349	Modulation of human gut microbiota by dietary fibers from unripe and ripe papayas: Distinct polysaccharide degradation using a colonic in vitro fermentation model. Food Chemistry, 2021, 348, 129071.	4.2	20
350	The effects of Fushen Granule on the composition and function of the gut microbiota during Peritoneal Dialysis–Related Peritonitis. Phytomedicine, 2021, 86, 153561.	2.3	2
351	Co-Encapsulated Synbiotics and Immobilized Probiotics in Human Health and Gut Microbiota Modulation. Foods, 2021, 10, 1297.	1.9	29
352	Functional Foods: Components, health benefits, challenges, and major projects., 0,, 61-72.		3

#	Article	IF	CITATIONS
353	Dietary Supplementation With Xylo-oligosaccharides Modifies the Intestinal Epithelial Morphology, Barrier Function and the Fecal Microbiota Composition and Activity in Weaned Piglets. Frontiers in Veterinary Science, 2021, 8, 680208.	0.9	7
354	Edible Plant Sprouts: Health Benefits, Trends, and Opportunities for Novel Exploration. Nutrients, 2021, 13, 2882.	1.7	41
355	Interaction of the human intestinal microbiota with the release of bound phenolic compounds in chickpea (<i>Cicer arietinum</i> L.). International Journal of Food Science and Technology, 2021, 56, 6497-6506.	1.3	4
356	Exploration of plant products and phytochemicals against aflatoxin toxicity in broiler chicken production: Present status. Toxicon, 2021, 200, 55-68.	0.8	24
357	In vitro simulated digestion and fermentation characteristics of polysaccharide from oyster (Crassostrea gigas), and its effects on the gut microbiota. Food Research International, 2021, 149, 110646.	2.9	53
358	Cereal-Based Fermented Foods of Africa as Functional Foods. Reference Series in Phytochemistry, 2019, , 1527-1558.	0.2	20
359	Pro and prebiotics foods that modulate human health. , 2019, , 283-313.		2
360	The potential of berries to serve as selective inhibitors of pathogens and promoters of beneficial microorganisms. Food Quality and Safety, 2017, 1, 3-12.	0.6	18
361	Eugenol in combination with lactic acid bacteria attenuates Listeria monocytogenes virulence in vitro and in invertebrate model Galleria mellonella. Journal of Medical Microbiology, 2016, 65, 443-455.	0.7	23
363	Effect of Oat Soluble and Insoluble β-glucan on Lipid Metabolism and Intestinal <i> Lactobacillus</i> in High-fat Diet-induced Obese Mice. Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 510-516.	0.1	11
364	Lowbush Wild Blueberries have the Potential to Modify Gut Microbiota and Xenobiotic Metabolism in the Rat Colon. PLoS ONE, 2013, 8, e67497.	1.1	63
365	Effects of autoprobiotic consortium and fecal transplant on the digestive system and intestinal microbiota in the correction of experimental dysbiosis. Gastroenterology & Hepatology (Bartlesville,) Tj ETQq1	1 0. 784 314	· rgBT /Over
366	The influence of endotoxemia on the molecular mechanisms of insulin resistance. Nutricion Hospitalaria, 2012, 27, 382-90.	0.2	30
367	Role of food-drug interactions in neurological and psychological diseases. Acta Neurobiologiae Experimentalis, 2018, 78, 187-197.	0.4	14
368	Nutraceuticals, A New Challenge for Medicinal Chemistry. Current Medicinal Chemistry, 2016, 23, 3198-3223.	1.2	57
369	Dietary Assumption of Plant Polyphenols and Prevention of Allergy. Current Pharmaceutical Design, 2014, 20, 811-839.	0.9	37
370	Chemical Metabolism of Xenobiotics by Gut Microbiota. Current Drug Metabolism, 2020, 21, 260-269.	0.7	24
371	Adhesive Property of Different Strains of Lactobacilli in The Presence of Resveratrol. Scientia Agriculturae Bohemica, 2018, 49, 291-296.	0.3	4

#	Article	IF	Citations
372	Phytogenics in Aquaculture: A Short Review of Their Effects on Gut Health and Microflora in Fish. Philippine Journal of Fisheries, 2020, , 246-259.	0.1	5
373	Modulation of Caecal Microbiome in Obese Mice Associated with Administration of Amaranth or Soybean Protein Isolates. Polish Journal of Food and Nutrition Sciences, 2019, 69, 35-44.	0.6	9
374	Effect of grape seed extract on postprandial oxidative status and metabolic responses in men and women with the metabolic syndrome - randomized, cross-over, placebo-controlled study. Functional Foods in Health and Disease, 2012, 2, 508.	0.3	13
375	Role of the Encapsulation in Bioavailability of Phenolic Compounds. Antioxidants, 2020, 9, 923.	2.2	151
376	Sex-Specific Changes in Gut Microbiome Composition following Blueberry Consumption in C57BL/6J Mice. Nutrients, 2019, 11, 313.	1.7	27
377	Wheat aleurone polyphenols increase plasma eicosapentaenoic acid in rats. Food and Nutrition Research, 2014, 58, 24604.	1.2	13
378	Freeze-Dried Watermelon Supplementation Has Modest Effects on Bone and Lipid Parameters of Ovariectomized Mice. Preventive Nutrition and Food Science, 2020, 25, 41-49.	0.7	3
379	Dose-response Effects of Phorbol Esters Isolated from Jatropha Meal on Rumen Microbial Activities. Asian Journal of Animal and Veterinary Advances, 2013, 9, 37-46.	0.3	3
380	Effects of Dietary Aspergillus Meal Prebiotic on Turkey Poults Production Parameters and Bone Qualities. International Journal of Poultry Science, 2011, 10, 496-499.	0.6	2
381	Dysbiosis, small intestinal bacterial overgrowth and biofilms in autism and chronic illness. AIMS Molecular Science, 2018, 5, 160-165.	0.3	3
382	Cross Talk Between Functional Foods and Gut Health. Health Information Systems and the Advancement of Medical Practice in Developing Countries, 0, , 195-216.	0.1	1
383	Cancer Treatment Strategies. , 0, , .		1
384	Synbiotic as Feed Additives Relating to Animal Health and Performance. Advances in Microbiology, 2016, 06, 288-302.	0.3	52
385	Can Intestinal Constipation Be Modulated by Prebiotics, Probiotics and Symbiotics?. Food and Nutrition Sciences (Print), 2014, 05, 1106-1113.	0.2	4
386	Role of Nutraceuticals in Health and disease prevention: A review. South Asian Journal of Food Technology and Environment, 2015, 01, 116-121.	0.1	21
387	Effects of early commercial milk supplement on the mucosal morphology, bacterial community and bacterial metabolites in jejunum of the pre- and post-weaning piglets. Asian-Australasian Journal of Animal Sciences, 2020, 33, 480-489.	2.4	2
388	Host dietary specialization and neutral assembly shape gut bacterial communities of wild dragonflies. PeerJ, 2019, 7, e8058.	0.9	19
389	Sex-specific reduction in inflammation of osteoarthritic human chondrocytes and nutraceutical-dependent extracellular matrix formation. Journal of Immunology and Regenerative Medicine, 2021, 14, 100054.	0.2	0

#	ARTICLE	IF	CITATIONS
390	Efficacy and safety of a gut health product (Actbiome) prepared by incorporation of asafoetida-curcumin complex onto the turmeric dietary fiber in the management of gut health and intestinal microflora in healthy subjects: A randomized, double-blind, placebo controlled study. Bioactive Carbohydrates and Dietary Fibre, 2021, 26, 100280.	1.5	3
391	Effects of ultra-micro powder wuji wan on gut microbes and enzyme activities. Journal of Pharmaceutical Technology & Drug Research, 2013, 2, 9.	1.0	0
392	Targeting (Gut)-Immune-Brain Axis with Pharmaceutical and Nutritional Concepts: Relevance for Mental and Neurological Disorders. AAPS Advances in the Pharmaceutical Sciences Series, 2014, , 439-456.	0.2	0
393	Neuro-active Compounds Produced by Probiotics: Towards a Microbiota-(Gut-) Brain Axis Control?. , 2014, , 156-184.		0
395	Adaptogenic Potential of Triethylene Glycol and Quercetin in Stressed Mice. Pharmacy & Pharmacology International Journal, 2015, 2, .	0.1	0
396	Benefits: Tradition of Use, Experimental Models and Human Studies to Support Health Claims of Botanicals. , 2018, , 117-139.		0
397	Nutrition, the Gastrointestinal Microbiota and Cancer Prevention. Food Chemistry, Function and Analysis, 2019, , 261-293.	0.1	O
398	Nutritional Genomics and Cancer Prevention. Food Chemistry, Function and Analysis, 2019, , 171-182.	0.1	0
399	Cross Talk Between Functional Foods and Gut Health. , 2019, , 330-351.		0
400	Yetişkin Bireylerin Probiyotik Gıdaları Bilme ve Tüketme Durumları Üzerine Bir Araştırma. European Journal of Science and Technology, 0, , 556-563.	0.5	4
401	ENZYMATIC MODIFICATION OF WHEAT RICE. HarÄova Nauka ì Tehnologìâ, 2020, 14, .	0.2	1
402	The Role of Arginine in Disease Prevention, Gut Microbiota Modulation, Growth Performance and the Immune System of Broiler Chicken – A Review. Annals of Animal Science, 2020, 20, 325-341.	0.6	2
403	Probiotic bacteria and plant-based matrices: An association with improved health-promoting features. Journal of Functional Foods, 2021, 87, 104821.	1.6	11
404	Dietary Fiber and Gut Microbiota. Food Engineering Series, 2020, , 277-298.	0.3	6
405	Evaluation the effect of subchronic feeding of transgenic cotton line (CKC1) on the faecal microbiota of albino rabbits. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 354-363.	1.0	4
406	Role of the Gut Flora in Human Nutrition and Gut Health. , 2020, , 105-132.		O
407	Application of Cornelian Cherry (Cornus mas L.) Peel in Probiotic Ice Cream: Functionality and Viability during Storage. Antioxidants, 2021, 10, 1777.	2.2	16
408	POSSIBLE EFFECTS OF NUTRACEUTICALS IN THE MANAGEMENT OF SOME NEURODEVELOPMENTAL DISORDERS IN NIGERIAN CHILDREN. Annals of Ibadan Postgraduate Medicine, 2018, 16, 142-149.	0.1	O

#	ARTICLE	IF	CITATIONS
409	Gut microbes: Role in production of nutraceuticals. , 2022, , 273-299.		0
410	Role of Functional Food in Treating and Preventing Cardiovascular Diseases. , 0, , .		0
411	Gut microbiota and metabolic changes towards improved gut health with supplementation of Woodfordia fruticosa, a medicinal plant: An in vitro study. Innovative Food Science and Emerging Technologies, 2022, 75, 102896.	2.7	0
413	Changes in Metabolic Regulation and the Microbiota Composition after Supplementation with Different Fatty Acids in db/db Mice. International Journal of Food Science, 2022, 2022, 1-14.	0.9	1
414	Pyroglutamyl peptides in Japanese fermented foods and protein hydrolysate enhance production of host-antimicrobial peptides and ameliorate microbial imbalance., 2022,, 255-265.		1
415	Multi-omics reveals host metabolism associated with the gut microbiota composition in mice with dietary Îμ-polylysine. Food and Function, 2022, 13, 4069-4085.	2.1	3
416	Growth Promoting Activity of Annona muricata L. Leaf Extracts on Lactobacillus casei. Plants, 2022, 11, 581.	1.6	1
417	Evaluation of a Zingiber officinale and Bixa orellana Supplement on the Gut Microbiota of Male Athletes: A Randomized Placebo-Controlled Trial. Planta Medica, 2022, , .	0.7	0
418	Probiotics and Phytochemicals: Role on Gut Microbiota and Efficacy on Irritable Bowel Syndrome, Functional Dyspepsia, and Functional Constipation. Gastrointestinal Disorders, 2022, 4, 30-48.	0.4	5
419	Exploring the Roles of Dietary Herbal Essential Oils in Aquaculture: A Review. Animals, 2022, 12, 823.	1.0	37
420	The Positive Influence of Polyphenols Extracted From Pueraria lobata Root on the Gut Microbiota and Its Antioxidant Capability. Frontiers in Nutrition, 2022, 9, 868188.	1.6	11
421	Fat Stores and Antioxidant Capacity Affect Stopover Decisions in Three of Four Species of Migratory Passerines With Different Migration Strategies: An Experimental Approach. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	3
422	Seafood Discards: A Potent Source of Enzymes and Biomacromolecules With Nutritional and Nutraceutical Significance. Frontiers in Nutrition, 2022, 9, 879929.	1.6	20
423	Benefits and Implications of Resveratrol Supplementation on Microbiota Modulations: A Systematic Review of the Literature. International Journal of Molecular Sciences, 2022, 23, 4027.	1.8	36
424	Simulated digestion and in vitro fermentation of a polysaccharide from lotus (Nelumbo nucifera) Tj ETQq0 0 0 rgl	BT/Qverlo	ck ₁₇ 0 Tf 50 1
425	Influence of Prebiotic Activity of Agave salmiana Fructans on Mucus Production and Morphology Changes in Colonic Epithelium Cell of Healthy Wistar Rats. Frontiers in Plant Science, 2021, 12, 717460.	1.7	4
426	Polyphenolic phytochemicals as natural feed additives to control bacterial pathogens in the chicken gut. Archives of Microbiology, 2022, 204, 253.	1.0	6
427	Effects of dietary whole grain buckwheat and oat on benzo[a]pyrene-induced genotoxicity, oxidative and pyroptotic injury in liver of mice. Journal of Functional Foods, 2022, 93, 105082.	1.6	4

#	Article	IF	Citations
436	Common bean (<i>Phaseolus vulgaris</i> L.) αâ€amylase inhibitors as safe nutraceutical strategy against diabetes and obesity: An update review. Phytotherapy Research, 2022, 36, 2803-2823.	2.8	16
437	Antiâ€Diabetic Intestinal Mechanisms: Foods, Herbs, and Western Medicines. Molecular Nutrition and Food Research, 2022, 66, e2200106.	1.5	2
438	Hepatoprotective Effects of Ixeris chinensis on Nonalcoholic Fatty Liver Disease Induced by High-Fat Diet in Mice: An Integrated Gut Microbiota and Metabolomic Analysis. Molecules, 2022, 27, 3148.	1.7	6
439	RP-HPLC based analysis of different polyphenols in seven species of Carex L. (Cyperaceae Juss.) from West Bengal, India. Biodiversitas, 2022, 23, .	0.2	0
440	Mechanism-Based Pharmacokinetic Model for the Deglycosylation Kinetics of 20(S)-Ginsenosides Rh2. Frontiers in Pharmacology, 2022, 13, .	1.6	1
441	Modulation of gut microbiota by bioactive compounds for prevention and management of type 2 diabetes. Biomedicine and Pharmacotherapy, 2022, 152, 113148.	2.5	20
442	A holistic approach to pressure almond oil production. British Food Journal, 2022, 125, 1148.	1.6	1
443	Prebiotic Isomaltooligosaccharide Provides an Advantageous Fitness to the Probiotic Bacillus subtilis CU1. Applied Sciences (Switzerland), 2022, 12, 6404.	1.3	2
444	Effects of Dietary Nutrients on Fatty Liver Disease Associated With Metabolic Dysfunction (MAFLD): Based on the Intestinal-Hepatic Axis. Frontiers in Nutrition, 0, 9, .	1.6	9
445	Nutraceuticals as a Therapeutic Promise in Healthy Aging and Neurocognitive Disorders. , 0, , .		0
446	Spirulina platensis aqueous extracts ameliorate colonic mucosal damage and modulate gut microbiota disorder in mice with ulcerative colitis by inhibiting inflammation and oxidative stress. Journal of Zhejiang University: Science B, 2022, 23, 481-501.	1.3	18
447	Beneficial health effects of polyphenols metabolized by fermentation. Food Science and Biotechnology, 2022, 31, 1027-1040.	1.2	2
448	Comparative analysis of the intestinal tract microbiota and feeding habits of five sympatric flycatchers. Avian Research, 2022, , 100050.	0.5	1
449	Antimicrobial Resistance and Its Spread Is a Global Threat. Antibiotics, 2022, 11, 1082.	1.5	62
450	What is the role of phenolic compounds of yerba mate (Ilex paraguariensis) in gut microbiota?. Phytochemistry, 2022, 203, 113341.	1.4	4
451	Northern pike (⟨i⟩Esox lucius⟨/i⟩) youngâ€ofâ€year gut microbiota and associations with wetland nursery water microbial communities in the St. Lawrence River. Aquaculture, Fish and Fisheries, 2022, 2, 384-401.	0.5	1
452	Flavonoid extract of saffron byâ€product alleviates hyperuricemia via inhibiting xanthine oxidase and modulating gut microbiota. Phytotherapy Research, 2022, 36, 4604-4619.	2.8	4
453	The toxic effects of chronic atrazine exposure on the intestinal microbiota, metabolism and transcriptome of Pelophylax nigromaculatus larvae. Journal of Hazardous Materials, 2022, 440, 129817.	6.5	7

#	Article	IF	CITATIONS
454	Characterization and in vitro digestion of rice starch/konjac glucomannan complex prepared by screw extrusion and its impact on gut microbiota. Food Hydrocolloids, 2023, 135, 108156.	5.6	12
455	Preparation of branched RG-I-rich pectin from red dragon fruit peel and the characterization of its probiotic properties. Carbohydrate Polymers, 2023, 299, 120144.	5.1	9
456	Effects of Resveratrol, Curcumin and Quercetin Supplementation on Bone Metabolism—A Systematic Review. Nutrients, 2022, 14, 3519.	1.7	30
457	Polyphenols–Gut–Heart: An Impactful Relationship to Improve Cardiovascular Diseases. Antioxidants, 2022, 11, 1700.	2.2	6
458	Probiotic immunonutrition impacts on colon cancer immunotherapy and prevention. European Journal of Cancer Prevention, 2023, 32, 30-47.	0.6	5
459	Recent Technological Advances in Phenolic Compounds Recovery and Applications: Source of Nutraceuticals for the Management of Diabetes. Applied Sciences (Switzerland), 2022, 12, 9271.	1.3	3
460	Wheat supplement with buckwheat affect gut microbiome composition and circulate short-chain fatty acids. Frontiers in Nutrition, 0, 9, .	1.6	2
461	Diet drives the gut microbiome composition and assembly processes in winter migratory birds in the Poyang Lake wetland, China. Frontiers in Microbiology, $0,13,13$	1.5	4
462	Production of Xylooligosaccharide from Cassava Pulp's Waste by Endo-β-1,4-D-Xylanase and Characterization of Its Prebiotic Effect by Fermentation of Lactobacillus acidophilus. Fermentation, 2022, 8, 488.	1.4	5
463	In Vitro Digestion and Fecal Fermentation of Polysaccharides from Hawthorn and Its Impacts on Human Gut Microbiota. Processes, 2022, 10, 1922.	1.3	5
464	Dietary supplementation with Cyberlindnera jadinii improved growth performance, serum biochemical Indices, antioxidant status, and intestinal health in growing raccoon dogs (Nyctereutes) Tj ETQq0 0 0 rgBT /Over	lodk510 Tf	504337 Td (p
465	Effects of alfalfa levels on carcass traits, meat quality, fatty acid composition, amino acid profile, and gut microflora composition of Heigai pigs. Frontiers in Nutrition, 0, 9, .	1.6	1
466	Probiotics as multifaceted oral vaccines against colon cancer: A review. Frontiers in Immunology, 0, 13, .	2.2	11
467	Enhanced microbial, functional and sensory properties of herbal soft cheese with coriander seeds extract nanoemulsion. Biocatalysis and Agricultural Biotechnology, 2022, 45, 102495.	1.5	4
468	In vitro digestion and fecal fermentation behaviors of polysaccharides from Ziziphus Jujuba cv. Pozao and its interaction with human gut microbiota. Food Research International, 2022, 162, 112022.	2.9	13
469	Whole fresh fruit intake and risk of incident diabetes in different glycemic stages: a nationwide prospective cohort investigation. European Journal of Nutrition, 0, , .	1.8	1
470	Neuroprotective Panel of Olive Polyphenols: Mechanisms of Action, Anti-Demyelination, and Anti-Stroke Properties. Nutrients, 2022, 14, 4533.	1.7	9
471	Bioactive composition and modulatory effects of Hed-Tean-Rad Mushroom, Macrocybe crassa on gut microbiota. 3 Biotech, 2022, 12, .	1.1	2

#	Article	IF	CITATIONS
472	Food applications of sorghum derived kafirins potentially valuable in celiac disease. International Journal of Food Properties, 2022, 25, 2348-2363.	1.3	7
473	Interactions between gut microbiota and Parkinson's disease: The role of microbiota-derived amino acid metabolism. Frontiers in Aging Neuroscience, 0, 14, .	1.7	6
474	In vitro fermentation characteristics of the dietary fiber in bamboo (Phyllostachys edulis) shoots and its regulatory effects on the intestinal microbiota and metabolites. Food Chemistry, 2023, 404, 134707.	4.2	5
476	Nutritional evaluation of the leaves of Oxytenanthera abyssinica, Bambusa balcooa, Moringa oleifera, Terminalia catappa, Blighia sapida, and Mangifera indica as non-conventional green roughages for ruminants. Journal of Agriculture and Food Research, 2023, 11, 100466.	1.2	3
477	Characterization of insoluble dietary fiber from Pleurotus eryngii and evaluation of its effects on obesity-preventing or relieving effects via modulation of gut microbiota. Journal of Future Foods, 2023, 3, 55-66.	2.0	6
478	Beneficial role of gut microbes in maintenance of pace-of-life traits in Phrynocephalus vlangalii. , 0, 1 , .		0
479	Chia seeds (<i>Salvia hispanica</i> L.): A therapeutic weapon in metabolic disorders. Food Science and Nutrition, 2023, 11, 3-16.	1.5	22
480	Value addition to frozen yoghurt through the use of orange peel solids as flavour adjunct. International Journal of Dairy Technology, 0, , .	1.3	1
481	Fat-soluble vitamin and phytochemical metabolites: Production, gastrointestinal absorption, and health effects. Progress in Lipid Research, 2023, 90, 101220.	5.3	5
482	Effect of dietary sage (Salvia officinalis L.) on the growth performance, feed efficacy, blood indices, non-specific immunity, and intestinal microbiota of European sea bass (Dicentrarchus labrax). Aquaculture Reports, 2023, 28, 101460.	0.7	8
483	Fermented Chinese Herbal Medicine Promoted Growth Performance, Intestinal Health, and Regulated Bacterial Microbiota of Weaned Piglets. Animals, 2023, 13, 476.	1.0	9
484	Health outcomes of 100% orange juice and orange flavored beverage: A comparative analysis of gut microbiota and metabolomics in rats. Current Research in Food Science, 2023, 6, 100454.	2.7	2
485	Pulsatilla chinensis saponins improve SCFAs regulating GPR43-NLRP3 signaling pathway in the treatment of ulcerative colitis. Journal of Ethnopharmacology, 2023, 308, 116215.	2.0	7
486	Supplementation with yak (Bos grunniens) bone collagen hydrolysate altered the structure of gut microbiota and elevated short-chain fatty acid production in mice. Food Science and Human Wellness, 2023, 12, 1637-1645.	2.2	2
487	Nutraceuticals as Disease Preventive Food and Immunity Boosters. , 2022, , 155-192.		0
488	Interaction between dietary digestible tryptophan and soy oligosaccharides in broiler chickens: effects on caecal skatole level and microflora. Animal Bioscience, 2023, 36, 471-483.	0.8	1
489	Autologous Tooth Graft: Innovative Biomaterial for Bone Regeneration. Tooth Transformer® and the Role of Microbiota in Regenerative Dentistry. A Systematic Review. Journal of Functional Biomaterials, 2023, 14, 132.	1.8	10
490	Interactions Between Antidepressants and Intestinal Microbiota. Neurotherapeutics, 2023, 20, 359-371.	2.1	1

#	Article	IF	CITATIONS
491	Production of Sustainable Postbiotics from Sugarcane Straw for Potential Food Applications. Applied Sciences (Switzerland), 2023, 13, 3391.	1.3	1
492	Effects of Adding Lean Red Meat to a U.SStyle Healthy Vegetarian Dietary Pattern on Gut Microbiota and Cardiovascular Risk Factors in Young Adults: a Crossover Randomized Controlled Trial. Journal of Nutrition, 2023, 153, 1439-1452.	1.3	3
493	Relationship between Dietary Polyphenols and Gut Microbiota: New Clues to Improve Cognitive Disorders, Mood Disorders and Circadian Rhythms. Foods, 2023, 12, 1309.	1.9	7
494	Personalized and Targeted Gut Microbiome Modulation in the Prevention and Treatment of Chronic Diseases. , 0, , .		O
495	Interaction of Human Gut Microflora with Commonly Consumed Herbs and Spices: A Review. Current Nutrition and Food Science, 2024, 20, 317-330.	0.3	0
496	Metabolism of Dietary Substrates by Intestinal Bacteria and Consequences for the Host Intestine. , 2023, , 45-144.		O
504	Functional Foods: Implications for Consumers and Clinicians. , 2023, , 191-197.		0
534	Dietary mung bean as promising food for human health: gut microbiota modulation and insight into factors, regulation, mechanisms and therapeutics—an update. Food Science and Biotechnology, 0, , .	1.2	O
535	New derivatives as nutraceuticals: regulatory considerations. , 2024, , 381-393.		0
543	Wastes from Fruits and Vegetables Processing Industry for Value-Added Products. , 2024, , 127-146.		О