

# In defence of phytochemical-rich dietary patterns

British Journal of Nutrition

104, 1-3

DOI: [10.1017/s0007114510000656](https://doi.org/10.1017/s0007114510000656)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Oligosaccharides as Functional Foods. , 2010, , 1-4.		0
2	<i>n</i>-6 Fatty acid-specific and mixed polyunsaturate dietary interventions have different effects on CHD risk: a meta-analysis of randomised controlled trials. British Journal of Nutrition, 2010, 104, 1586-1600.	1.2	244
3	Effect of increased consumption of whole-grain foods on blood pressure and other cardiovascular risk markers in healthy middle-aged persons: a randomized controlled trial. American Journal of Clinical Nutrition, 2010, 92, 733-740.	2.2	253
4	Fructan content of commonly consumed wheat, rye and gluten-free breads. International Journal of Food Sciences and Nutrition, 2011, 62, 498-503.	1.3	67
5	Targeting gut microbiota in obesity: effects of prebiotics and probiotics. Nature Reviews Endocrinology, 2011, 7, 639-646.	4.3	653
6	The Enteric Microbiota. Colloquium Series on Integrated Systems Physiology From Molecule To Function, 2011, 3, 1-88.	0.3	0
7	Soy protein based supplementation supports metabolic effects of resistance training in previously untrained middle aged males. Aging Male, 2011, 14, 273-279.	0.9	43
8	Unraveling How Probiotic Yogurt Works. Science Translational Medicine, 2011, 3, 106ps41.	5.8	8
9	In Vitro Fermentation of Alternansucrase Raffinose-Derived Oligosaccharides by Human Gut Bacteria. Journal of Agricultural and Food Chemistry, 2011, 59, 10901-10906.	2.4	32
10	Study of Influential Factors on Oligosaccharide Formation by Fructosyltransferase Activity during Stachyose Hydrolysis by Pectinex Ultra SP-L. Journal of Agricultural and Food Chemistry, 2011, 59, 10705-10711.	2.4	10
11	Gut microbiota and the role of probiotics in therapy. Current Opinion in Pharmacology, 2011, 11, 593-603.	1.7	58
12	The multiple nutrition properties of some exotic fruits: Biological activity and active metabolites. Food Research International, 2011, 44, 1671-1701.	2.9	231
13	Effects of tea combined with high-protein meal replacement shakes on anthropometric measurements, lipid profiles, cellular biochemistry, neurochemistry, and microbial metabolism: a prospective observational study. Journal of Chiropractic Medicine, 2011, 10, 272-282.	0.3	3
14	Prebiotic potential of a refined product containing pectic oligosaccharides. LWT - Food Science and Technology, 2011, 44, 1687-1696.	2.5	82
15	Specific prebiotics in a formula for infants with Phenylketonuria. Molecular Genetics and Metabolism, 2011, 104, S55-S59.	0.5	23
17	Controlling for sugar and ascorbic acid, a mixture of flavonoids matching navel oranges significantly increases human postprandial serum antioxidant capacity. Nutrition Research, 2011, 31, 519-526.	1.3	23
18	Homocysteine homeostasis in the rat is maintained by compensatory changes in cystathionine $\beta$ -synthase, betaine-homocysteine methyltransferase, and phosphatidylethanolamine N-methyltransferase gene transcription occurring in response to maternal protein and folic acid intake during pregnancy and fat intake after weaning. Nutrition Research, 2011, 31, 572-578.	1.3	7
19	A Concise Review on Epigenetic Regulation: Insight into Molecular Mechanisms. International Journal of Molecular Sciences, 2011, 12, 8661-8694.	1.8	59

#	ARTICLE	IF	CITATIONS
20	Dietary Fiber. <i>Advances in Nutrition</i> , 2011, 2, 151-152.	2.9	81
22	Functional Metagenomic Investigations of the Human Intestinal Microbiota. <i>Frontiers in Microbiology</i> , 2011, 2, 188.	1.5	44
23	Attenuation of Meal-Induced Inflammatory and Thrombotic Responses in Overweight Men and Women After 6-Week Daily Strawberry ( <i>Fragaria</i> ) Intake. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011, 18, 318-327.	0.9	94
24	Intestinal Microbiota in Healthy Adults: Temporal Analysis Reveals Individual and Common Core and Relation to Intestinal Symptoms. <i>PLoS ONE</i> , 2011, 6, e23035.	1.1	302
25	New perspective for nutritional support of cancer patients: Enteral/parenteral nutrition. <i>Experimental and Therapeutic Medicine</i> , 2011, 2, 675-684.	0.8	26
26	Arabinoxylans and inulin differentially modulate the mucosal and luminal gut microbiota and mucinâ€degradation in humanized rats. <i>Environmental Microbiology</i> , 2011, 13, 2667-2680.	1.8	215
27	Regulation of fructooligosaccharide metabolism in an extraâ€intestinal pathogenic <i>Escherichia coli</i> strain. <i>Molecular Microbiology</i> , 2011, 81, 717-733.	1.2	18
28	Influence of Maternal Nutritional Status on Vascular Function in the Offspring. <i>Microcirculation</i> , 2011, 18, 256-262.	1.0	24
29	Effect of a multi-species synbiotic formulation on fecal bacterial microbiota of healthy cats and dogs as evaluated by pyrosequencing. <i>FEMS Microbiology Ecology</i> , 2011, 78, 542-554.	1.3	116
30	Validation of a food frequency questionnaire to measure intakes of inulin and oligofructose. <i>European Journal of Clinical Nutrition</i> , 2011, 65, 402-408.	1.3	41
31	Culinary plants and their potential impact on metabolic overload. <i>Annals of the New York Academy of Sciences</i> , 2011, 1229, 133-139.	1.8	25
32	The effect of neutral and acidic oligosaccharides on stool viscosity, stool frequency and stool pH in preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2011, 100, 1426-1431.	0.7	35
33	The gut as communicator between environment and host: Immunological consequences. <i>European Journal of Pharmacology</i> , 2011, 668, S16-S32.	1.7	91
34	Probiotics from an industrial perspective. <i>Anaerobe</i> , 2011, 17, 410-413.	1.0	72
35	Hypolipidemic effect of <i>Smallanthus sonchifolius</i> (yacon) roots on diabetic rats: Biochemical approach. <i>Chemico-Biological Interactions</i> , 2011, 194, 31-39.	1.7	67
36	Interaction Between Obesity and the Gut Microbiota: Relevance in Nutrition. <i>Annual Review of Nutrition</i> , 2011, 31, 15-31.	4.3	358
37	Responses of Gut Microbiota and Glucose and Lipid Metabolism to Prebiotics in Genetic Obese and Diet-Induced Leptin-Resistant Mice. <i>Diabetes</i> , 2011, 60, 2775-2786.	0.3	881
39	Intestinal microbiota in human health and disease: the impact of probiotics. <i>Genes and Nutrition</i> , 2011, 6, 209-240.	1.2	557

#	ARTICLE	IF	CITATIONS
40	Gut Microbiota and the Pathogenesis of Insulin Resistance. <i>Current Diabetes Reports</i> , 2011, 11, 154-159.	1.7	97
41	Probiotics and Prebiotics for the Prevention of Necrotizing Enterocolitis. <i>Current Infectious Disease Reports</i> , 2011, 13, 13-20.	1.3	23
42	Modulation of the gut microbiota by nutrients with prebiotic properties: consequences for host health in the context of obesity and metabolic syndrome. <i>Microbial Cell Factories</i> , 2011, 10, S10.	1.9	172
43	Involvement of gut microbial fermentation in the metabolic alterations occurring in n-3 polyunsaturated fatty acids-depleted mice. <i>Nutrition and Metabolism</i> , 2011, 8, 44.	1.3	15
44	Prevention and Schizophrenia--The Role of Dietary Factors. <i>Schizophrenia Bulletin</i> , 2011, 37, 272-283.	2.3	66
45	Vitamin D " Role in Pregnancy and Early Childhood. <i>Annals of Nutrition and Metabolism</i> , 2011, 59, 17-21.	1.0	24
46	Marketing of Dietetic Products for Infants and Young Children in Europe Three Decades after Adoption of the International Code of Marketing of Breast Milk Substitutes. <i>Annals of Nutrition and Metabolism</i> , 2011, 59, 70-72.	1.0	6
47	Strawberry anthocyanin and its association with postprandial inflammation and insulin. <i>British Journal of Nutrition</i> , 2011, 106, 913-922.	1.2	187
48	Programming research: where are we and where do we go from here?. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 2036S-2043S.	2.2	50
49	A whole-grain cereal-rich diet increases plasma betaine, and tends to decrease total and LDL-cholesterol compared with a refined-grain diet in healthy subjects. <i>British Journal of Nutrition</i> , 2011, 105, 1492-1502.	1.2	158
50	Functional genome analysis of <i>Bifidobacterium breve</i> UCC2003 reveals type IVb tight adherence (Tad) pili as an essential and conserved host-colonization factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11217-11222.	3.3	328
52	Supplementing chicken broth with monosodium glutamate reduces hunger and desire to snack but does not affect energy intake in women. <i>British Journal of Nutrition</i> , 2011, 106, 1441-1448.	1.2	33
53	Is Insulin Sensitivity Improved by Diets Rich in Whole Grains?. <i>Nutrition Today</i> , 2011, 46, 54-65.	0.6	0
54	Dietary Fibers and Cardiometabolic Diseases. <i>International Journal of Molecular Sciences</i> , 2012, 13, 1524-1540.	1.8	30
55	Principles of phenomics in endometriosis. <i>Human Reproduction Update</i> , 2012, 18, 248-259.	5.2	73
56	Supplementation with Galacto-Oligosaccharides Increases the Percentage of NK Cells and Reduces Colitis Severity in Smad3-Deficient Mice. <i>Journal of Nutrition</i> , 2012, 142, 1336-1342.	1.3	43
57	Monomer and Linkage Type of Galacto-Oligosaccharides Affect Their Resistance to Ileal Digestion and Prebiotic Properties in Rats. <i>Journal of Nutrition</i> , 2012, 142, 1232-1239.	1.3	87
58	The Role of Whole Grains in Body Weight Regulation. <i>Advances in Nutrition</i> , 2012, 3, 697-707.	2.9	63

#	ARTICLE	IF	CITATIONS
59	Serum homocysteine and folate but not vitamin B <sub>12</sub> are predictors of CHD mortality in older adults. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 1420-1429.	0.8	33
60	Composition of the early intestinal microbiota. <i>Gut Microbes</i> , 2012, 3, 203-220.	4.3	195
61	Plasma alkylresorcinols as a biomarker of whole-grain food consumption in a large population: results from the WHOLEheart Intervention Study. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 204-211.	2.2	87
63	Fermentable Carbohydrate Restriction Reduces Luminal Bifidobacteria and Gastrointestinal Symptoms in Patients with Irritable Bowel Syndrome. <i>Journal of Nutrition</i> , 2012, 142, 1510-1518.	1.3	430
64	Involvement of gut microbiota in the development of low-grade inflammation and type 2 diabetes associated with obesity. <i>Gut Microbes</i> , 2012, 3, 279-288.	4.3	682
65	Wheat-derived arabinoxylan oligosaccharides with prebiotic effect increase satietogenic gut peptides and reduce metabolic endotoxemia in diet-induced obese mice. <i>Nutrition and Diabetes</i> , 2012, 2, e28-e28.	1.5	184
66	Galacto-Oligosaccharides Have Prebiotic Activity in a Dynamic In Vitro Colon Model Using a 13C-Labeling Technique. <i>Journal of Nutrition</i> , 2012, 142, 1205-1212.	1.3	97
67	Postprandial glucose, insulin, and free fatty acid responses to sucrose consumed with blackcurrants and lingonberries in healthy women. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 527-533.	2.2	81
68	Plant Cell Wall Polysaccharides as Potential Resources for the Development of Novel Prebiotics. <i>Biomolecules and Therapeutics</i> , 2012, 20, 371-379.	1.1	53
69	Effect of alginate supplementation on weight loss in obese subjects completing a 12-wk energy-restricted diet: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 5-13.	2.2	89
70	Impact of a Resistant Dextrin on Intestinal Ecology: How Altering the Digestive Ecosystem with NUTRIOSE <sup>®</sup> , a Soluble Fibre with Prebiotic Properties, May Be Beneficial for Health. <i>Journal of International Medical Research</i> , 2012, 40, 211-224.	0.4	66
71	Nutritional Modulation of Insulin Resistance. <i>Scientifica</i> , 2012, 2012, 1-15.	0.6	36
72	Gastrointestinal Microbiota and Some Children Diseases: A Review. <i>Gastroenterology Research and Practice</i> , 2012, 2012, 1-12.	0.7	40
73	Challenges in nutrition-related DNA methylation studies. <i>Biomolecular Concepts</i> , 2012, 3, 151-160.	1.0	4
74	Weighing in on Whole Grains: A Review of Evidence Linking Whole Grains to Body Weight. <i>Cereal Foods World</i> , 2012, 57, 20-27.	0.7	11
75	Prewaning milk replacer intake and effects on long-term productivity of dairy calves. <i>Journal of Dairy Science</i> , 2012, 95, 783-793.	1.4	356
76	Development, brain plasticity and reward: early high-fat diet exposure confers vulnerability to obesity—view from the chair. <i>International Journal of Obesity Supplements</i> , 2012, 2, S3-S6.	12.5	5
77	Can Nutritional Modulation of Maternal Intestinal Microbiota Influence the Development of the Infant Gastrointestinal Tract?. <i>Journal of Nutrition</i> , 2012, 142, 1921-1928.	1.3	96

#	ARTICLE	IF	CITATIONS
78	<i>In vitro</i> evaluation of the fermentation properties and potential prebiotic activity of caprine cheese whey oligosaccharides in batch culture systems. <i>BioFactors</i> , 2012, 38, 440-449.	2.6	23
80	Effects of fructooligosaccharide-inulin on <i>Salmonella</i> -killing and inflammatory gene expression in chicken macrophages. <i>Veterinary Immunology and Immunopathology</i> , 2012, 149, 92-96.	0.5	41
81	“Z of nutritional supplements: dietary supplements, sports nutrition foods and ergogenic aids for health and performance” Part 30. <i>British Journal of Sports Medicine</i> , 2012, 46, 299-300.	3.1	1
82	Host responses to the human microbiome. <i>Nutrition Reviews</i> , 2012, 70, S14-S17.	2.6	65
83	The potential role of prebiotic fibre for treatment and management of non-alcoholic fatty liver disease and associated obesity and insulin resistance. <i>Liver International</i> , 2012, 32, 701-711.	1.9	159
84	The role of the gut microbiota in nutrition and health. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012, 9, 577-589.	8.2	1,515
85	Effect of the addition of pulse ingredients to milk on acid production by probiotic and yoghurt starter cultures. <i>LWT - Food Science and Technology</i> , 2012, 45, 155-160.	2.5	67
86	Dysbiosis of Gut Microbiota (DOGMA) – A novel theory for the development of Polycystic Ovarian Syndrome. <i>Medical Hypotheses</i> , 2012, 79, 104-112.	0.8	195
87	Protective effects of yacon ( <i>Smallanthus sonchifolius</i> ) intake on experimental colon carcinogenesis. <i>Food and Chemical Toxicology</i> , 2012, 50, 2902-2910.	1.8	58
88	Simultaneous determination of uronates found in polysaccharides from natural products by HPLC with fluorometric detection. <i>Carbohydrate Research</i> , 2012, 358, 82-88.	1.1	9
89	Influence of a high-fat diet on gut microbiota, intestinal permeability and metabolic endotoxaemia. <i>British Journal of Nutrition</i> , 2012, 108, 801-809.	1.2	513
90	Epigenetic Manifestation of Metabolic Syndrome and Dietary Management. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 254-281.	2.5	14
91	Functional interactions between the gut microbiota and host metabolism. <i>Nature</i> , 2012, 489, 242-249.	13.7	3,582
92	Bacterial Flora as a Cause or Treatment of Chronic Diarrhea. <i>Gastroenterology Clinics of North America</i> , 2012, 41, 581-602.	1.0	17
93	Xylo-oligosaccharide (XOS) in combination with inulin modulates both the intestinal environment and immune status in healthy subjects, while XOS alone only shows prebiotic properties. <i>British Journal of Nutrition</i> , 2012, 108, 1847-1858.	1.2	217
94	Anthocyanins: Janus Nutraceuticals Displaying Chemotherapeutic and Neuroprotective Properties. , 2012, , 491-513.		0
95	Up-regulating the Human Intestinal Microbiome Using Whole Plant Foods, Polyphenols, and/or Fiber. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8776-8782.	2.4	242
96	Impact of perioperative administration of synbiotics in patients with esophageal cancer undergoing esophagectomy: A prospective randomized controlled trial. <i>Surgery</i> , 2012, 152, 832-842.	1.0	71

#	ARTICLE	IF	CITATIONS
97	Progenitor cells and TNF-alpha involvement during morphological changes in pancreatic islets of obese mice. <i>Tissue and Cell</i> , 2012, 44, 238-248.	1.0	14
98	Inulin-enriched pasta improves intestinal permeability and modifies the circulating levels of zonulin and glucagon-like peptide 2 in healthy young volunteers. <i>Nutrition Research</i> , 2012, 32, 940-946.	1.3	88
99	Yacon ( <i>Smallanthus sonchifolius</i> )-derived fructooligosaccharides improves the immune parameters in the mouse. <i>Nutrition Research</i> , 2012, 32, 884-892.	1.3	71
100	Breast, Milk and Microbes: A Complex Relationship that Does Not End with Lactation. <i>Women's Health</i> , 2012, 8, 385-398.	0.7	44
102	Effect of killed whole yeast cell prebiotic supplementation on broiler performance and intestinal immune cell parameters. <i>Poultry Science</i> , 2012, 91, 107-111.	1.5	39
103	Î²-2-1 Fructans have a bifidogenic effect in healthy middle-aged human subjects but do not alter immune responses examined in the absence of an <i>in vivo</i> immune challenge: results from a randomised controlled trial. <i>British Journal of Nutrition</i> , 2012, 108, 1818-1828.	1.2	41
104	The health benefits of dietary fiber: Beyond the usual suspects of type 2 diabetes mellitus, cardiovascular disease and colon cancer. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1058-1066.	1.5	426
105	Ingestion of a novel galactoglucomannan oligosaccharide-arabinoxylan (GGMO-AX) complex affected growth performance and fermentative and immunological characteristics of broiler chicks challenged with <i>Salmonella typhimurium</i> . <i>Poultry Science</i> , 2012, 91, 2241-2254.	1.5	19
107	Gene expression of mesoderm-specific transcript is upregulated as preadipocytes differentiate to adipocytes in vitro. <i>Journal of Physiological Sciences</i> , 2012, 62, 403-411.	0.9	15
109	Importance of Vaginal Microbes in Reproductive Health. <i>Reproductive Sciences</i> , 2012, 19, 235-242.	1.1	85
110	Healthy Effects Exerted by Prebiotics, Probiotics, and Symbiotics with Special Reference to their Impact on the Immune System. <i>International Journal for Vitamin and Nutrition Research</i> , 2012, 82, 200-208.	0.6	34
111	Early nutrition programming of long-term health. <i>Proceedings of the Nutrition Society</i> , 2012, 71, 371-378.	0.4	164
112	Transcriptional Analysis of Prebiotic Uptake and Catabolism by <i>Lactobacillus acidophilus</i> NCFM. <i>PLoS ONE</i> , 2012, 7, e44409.	1.1	71
113	Consequences of Essential Fatty Acids. <i>Nutrients</i> , 2012, 4, 1338-1357.	1.7	68
115	Metabolic diseases and pro- and prebiotics: Mechanistic insights. <i>Nutrition and Metabolism</i> , 2012, 9, 60.	1.3	83
116	Prebiotic effect of soluble fibres from modern and old durum wheat varieties on <i>Lactobacillus</i> and <i>Bifidobacterium</i> strains. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 2133-2140.	1.7	51
117	Impact of polydextrose on the faecal microbiota: a double-blind, crossover, placebo-controlled feeding study in healthy human subjects. <i>British Journal of Nutrition</i> , 2012, 108, 471-481.	1.2	105
118	Coffee, colon function and colorectal cancer. <i>Food and Function</i> , 2012, 3, 916.	2.1	74

#	ARTICLE	IF	CITATIONS
119	Flavonoids, a ubiquitous dietary phenolic subclass, exert extensive in vitro anti-invasive and in vivo anti-metastatic activities. <i>Cancer and Metastasis Reviews</i> , 2012, 31, 323-351.	2.7	187
120	Current views on fungal chitin/chitosan, human chitinases, food preservation, glucans, pectins and inulin: A tribute to Henri Braconnot, precursor of the carbohydrate polymers science, on the chitin bicentennial. <i>Carbohydrate Polymers</i> , 2012, 87, 995-1012.	5.1	593
121	The effect of inulin and fructo-oligosaccharide supplementation on the textural, rheological and sensory properties of bread and their role in weight management: A review. <i>Food Chemistry</i> , 2012, 133, 237-248.	4.2	175
122	Prebiotics in foods. <i>Current Opinion in Biotechnology</i> , 2012, 23, 187-191.	3.3	122
123	Modification of the gastrointestinal microbiota and its application to clinical nutrition. <i>Journal of Human Nutrition and Dietetics</i> , 2012, 25, 297-299.	1.3	3
124	Structural analysis, enzymatic characterization, and catalytic mechanisms of $\beta$ -galactosidase from <i>Bacillus circulans</i> sp. <i>alkalophilus</i> . <i>FEBS Journal</i> , 2012, 279, 1788-1798.	2.2	59
125	Nutraceuticals and their preventive or potential therapeutic value in Parkinson's disease. <i>Nutrition Reviews</i> , 2012, 70, 373-386.	2.6	58
126	Review article: fructose in non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2012, 35, 1135-1144.	1.9	54
127	Polyphenol-rich extract of pomegranate peel alleviates tissue inflammation and hypercholesterolaemia in high-fat diet-induced obese mice: potential implication of the gut microbiota. <i>British Journal of Nutrition</i> , 2013, 109, 802-809.	1.2	197
128	The Epidemiologic Evidence and Potential Biological Mechanisms for a Protective Effect of Dietary Fiber on the Risk of Colorectal Cancer. <i>Current Nutrition Reports</i> , 2013, 2, 63-70.	2.1	6
129	Quality and nutritional properties of pasta products enriched with immature wheat grain. <i>International Journal of Food Sciences and Nutrition</i> , 2013, 64, 544-550.	1.3	22
130	Harnessing the beneficial properties of adipogenic microbes for improving human health. <i>Obesity Reviews</i> , 2013, 14, 721-735.	3.1	13
131	Transcriptional analysis of oligosaccharide utilization by <i>Bifidobacterium lactis</i> BL-04. <i>BMC Genomics</i> , 2013, 14, 312.	1.2	65
132	The crystal structure of acidic $\beta$ -galactosidase from <i>Aspergillus oryzae</i> . <i>International Journal of Biological Macromolecules</i> , 2013, 60, 109-115.	3.6	69
133	Childhood Obesity Risk Evaluation based on perinatal factors and family sociodemographic characteristics: CORE Index. <i>European Journal of Pediatrics</i> , 2013, 172, 551-555.	1.3	26
134	Antioxidant and inflammatory response following high-fat meal consumption in overweight subjects. <i>European Journal of Nutrition</i> , 2013, 52, 1107-1114.	1.8	40
135	Nutrition, the gut microbiome and the metabolic syndrome. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2013, 27, 59-72.	1.0	95
136	Nutritional Targets for Modulation of the Microbiota in Obesity. <i>Drug Development Research</i> , 2013, 74, 393-402.	1.4	2



#	ARTICLE	IF	CITATIONS
137	Lactobacillus plantarum passage through an oro-gastro-intestinal tract simulator: Carrier matrix effect and transcriptional analysis of genes associated to stress and probiosis. Microbiological Research, 2013, 168, 351-359.	2.5	104
138	Is butyrate the link between diet, intestinal microbiota and obesity-related metabolic diseases?. Obesity Reviews, 2013, 14, 950-959.	3.1	206
139	The prebiotic effect of 1,2 branched, low molecular weight dextran in the batch and continuous faecal fermentation system. Journal of Functional Foods, 2013, 5, 1938-1946.	1.6	43
140	Evaluating and adapting the Mediterranean diet for non-Mediterranean populations: A critical appraisal. Nutrition Reviews, 2013, 71, 573-584.	2.6	93
141	Gut microbiota and non-alcoholic fatty liver disease: new insights. Clinical Microbiology and Infection, 2013, 19, 338-348.	2.8	196
142	A beverage of Asiatic plantain extracts alleviated postprandial oxidative stress in overweight hyperlipidemic subjects challenged with a high-fat meal: a preliminary study. Nutrition Research, 2013, 33, 704-710.	1.3	14
143	Relevance of pre- and postnatal nutrition to development and interplay between the microbiota and metabolic and immune systems. American Journal of Clinical Nutrition, 2013, 98, 586S-593S.	2.2	100
144	Codex dietary fibre definition – Justification for inclusion of carbohydrates from 3 to 9 degrees of polymerisation. Food Chemistry, 2013, 140, 581-585.	4.2	34
145	Newly Developed Synbiotics and the Chemotherapy-Damaged Gut. Journal of Evidence-Based Complementary & Alternative Medicine, 2013, 18, 198-208.	1.5	4
146	The Hologenome Concept: Human, Animal and Plant Microbiota. , 2013, , .		58
147	The interaction between gut microbiota and age-related changes in immune function and inflammation. Immunity and Ageing, 2013, 10, 31.	1.8	88
148	Intestinal Microbiota Composition in Children. World Review of Nutrition and Dietetics, 2013, , 9-16.	0.1	0
149	Galacto-oligosaccharides Derived from Lactulose Exert a Selective Stimulation on the Growth of Bifidobacterium animalis in the Large Intestine of Growing Rats. Journal of Agricultural and Food Chemistry, 2013, 61, 7560-7567.	2.4	61
151	A pilot study to investigate bioavailability of strawberry anthocyanins and characterize postprandial plasma polyphenols absorption patterns by Q-TOF LC/MS in humans. Journal of Berry Research, 2013, 3, 113-126.	0.7	36
152	Vitamin D and Prebiotics may benefit The Intestinal Microbacteria and improve Glucose Homeostasis in Prediabetes and Type 2 Diabetes. Endocrine Practice, 2013, 19, 497-510.	1.1	25
153	Ferulic Acid Content and Appearance Determine the Antioxidant Capacity of Arabinoxylanoligosaccharides. Journal of Agricultural and Food Chemistry, 2013, 61, 10173-10182.	2.4	37
154	Adaptation of bifidobacteria to the gastrointestinal tract and functional consequences. Pharmacological Research, 2013, 69, 127-136.	3.1	48
155	The gut microbiota, obesity and insulin resistance. Molecular Aspects of Medicine, 2013, 34, 39-58.	2.7	506

#	ARTICLE	IF	CITATIONS
156	Low iron availability in continuous <i>in vitro</i> colonic fermentations induces strong dysbiosis of the child gut microbial consortium and a decrease in main metabolites. <i>FEMS Microbiology Ecology</i> , 2013, 83, 161-175.	1.3	106
157	An overview of the last advances in probiotic and prebiotic field. <i>LWT - Food Science and Technology</i> , 2013, 50, 1-16.	2.5	361
158	The influence of diet on the gut microbiota. <i>Pharmacological Research</i> , 2013, 69, 52-60.	3.1	817
159	Prebiotic approach alleviates hepatic steatosis: Implication of fatty acid oxidative and cholesterol synthesis pathways. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 347-359.	1.5	90
160	Changes in anthropometric measurements, body composition, blood pressure, lipid profile, and testosterone in patients participating in a low-energy dietary intervention. <i>Journal of Chiropractic Medicine</i> , 2013, 12, 3-14.	0.3	11
161	Changes in plasma adipokines in prepubertal children with a history of extrauterine growth restriction. <i>Nutrition</i> , 2013, 29, 1321-1325.	1.1	11
162	In vitro digestion and fermentation of 5-formyl-aminosaccharate-inulin: A potential prodrug of 5-aminosalicylic acid. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2013, 2, 8-14.	1.5	15
163	In vitro bifidogenic effect of Maillard-type milk protein-galactose conjugates on the human intestinal microbiota. <i>International Dairy Journal</i> , 2013, 31, 127-131.	1.5	34
164	Bioactive compounds from hazelnut skin ( <i>Corylus avellana</i> L.): Effects on <i>Lactobacillus plantarum</i> P17630 and <i>Lactobacillus crispatus</i> P17631. <i>Journal of Functional Foods</i> , 2013, 5, 306-315.	1.6	36
165	Tolerance and nutritional therapy of dietary fibre from konjac glucomannan hydrolysates for patients with inflammatory bowel disease (IBD). <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2013, 2, 93-98.	1.5	37
166	Changes in weight loss and lipid profiles after a dietary purification program: a prospective case series. <i>Journal of Chiropractic Medicine</i> , 2013, 12, 30-38.	0.3	3
167	Psychosocial determinants of fruit and vegetable consumption among students in a New Zealand university. Results of focus group interviews. <i>Appetite</i> , 2013, 65, 35-42.	1.8	69
168	Broad Diversity and Newly Cultured Bacterial Isolates from Enrichment of Pig Feces on Complex Polysaccharides. <i>Microbial Ecology</i> , 2013, 66, 448-461.	1.4	12
169	Linking the gut microbiota to human health. <i>British Journal of Nutrition</i> , 2013, 109, S21-S26.	1.2	240
170	Changes in intestinal morphology and microbiota caused by dietary administration of inulin and <i>Bacillus subtilis</i> in gilthead sea bream ( <i>Sparus aurata</i> L.) specimens. <i>Fish and Shellfish Immunology</i> , 2013, 34, 1063-1070.	1.6	156
171	Characteristics of prebiotic food products containing inulin. <i>British Food Journal</i> , 2013, 115, 235-251.	1.6	12
172	Dietary factors, epigenetic modifications and obesity outcomes: Progresses and perspectives. <i>Molecular Aspects of Medicine</i> , 2013, 34, 782-812.	2.7	242
173	Metabolic inflammation: Connecting obesity and insulin resistance. <i>Annals of Medicine</i> , 2013, 45, 242-253.	1.5	144

#	ARTICLE	IF	CITATIONS
174	Alterations of the gut microbiota in high-fat diet mice is strongly linked to oxidative stress. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1689-1697.	1.7	168
175	Functional foods and nutraceuticals as therapeutic tools for the treatment of diet-related diseases. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 387-396.	0.7	79
176	Effects of Agave tequilana fructans with different degree of polymerization profiles on the body weight, blood lipids and count of fecal Lactobacilli/Bifidobacteria in obese mice. <i>Food and Function</i> , 2013, 4, 1237.	2.1	55
177	GPR43/FFA2: physiopathological relevance and therapeutic prospects. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 226-232.	4.0	172
178	Yacon ( <i>Smallanthus sonchifolius</i> ): A Functional Food. <i>Plant Foods for Human Nutrition</i> , 2013, 68, 222-228.	1.4	71
179	Influence of fermented milk products, prebiotics and probiotics on microbiota composition and health. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2013, 27, 139-155.	1.0	83
180	Effect of prebiotics on the health of the elderly. <i>Food Research International</i> , 2013, 53, 426-432.	2.9	26
181	Evidences that maternal swimming exercise improves antioxidant defenses and induces mitochondrial biogenesis in the brain of young Wistar rats. <i>Neuroscience</i> , 2013, 246, 28-39.	1.1	68
182	In vitro growth of four individual human gut bacteria on oligosaccharides produced by chemoenzymatic synthesis. <i>Food and Function</i> , 2013, 4, 784.	2.1	13
183	Prebiotics to Fight Diseases: Reality or Fiction?. <i>Phytotherapy Research</i> , 2013, 27, 1457-1473.	2.8	70
184	Challenges and opportunities for faecal microbiota transplantation therapy. <i>Epidemiology and Infection</i> , 2013, 141, 2235-2242.	1.0	10
185	Early nutrition patterns and diseases of adulthood: A plausible link?. <i>European Journal of Internal Medicine</i> , 2013, 24, 5-10.	1.0	44
187	Carbohydrates and satiety *. , 2013, , 166-181.		2
188	Maximizing the Concentrations of Wheat Grain Fructans in Bread by Exploring Strategies To Prevent Their Yeast ( <i>Saccharomyces cerevisiae</i> )-Mediated Degradation. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1397-1404.	2.4	45
189	Insight into the prebiotic concept: lessons from an exploratory, double blind intervention study with inulin-type fructans in obese women. <i>Gut</i> , 2013, 62, 1112-1121.	6.1	632
191	Potential applications of gut microbiota to control human physiology. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 609-618.	0.7	23
192	LACTATION BIOLOGY SYMPOSIUM: Lactocrine signaling and developmental programming <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2013, 91, 696-705.	0.2	77
193	Different Human Gut Models Reveal the Distinct Fermentation Patterns of Arabinoxylan versus Inulin. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9819-9827.	2.4	97

#	ARTICLE	IF	CITATIONS
194	Lactobacillus plantarum IFPL935 Favors the Initial Metabolism of Red Wine Polyphenols When Added to a Colonic Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10163-10172.	2.4	38
195	The Interaction Between Exercise, Appetite, and Food Intake. <i>American Journal of Lifestyle Medicine</i> , 2013, 7, 265-273.	0.8	3
196	Multifunctional fructans and raffinose family oligosaccharides. <i>Frontiers in Plant Science</i> , 2013, 4, 247.	1.7	257
197	Gut microbiota and metabolic disorders: how prebiotic can work?. <i>British Journal of Nutrition</i> , 2013, 109, S81-S85.	1.2	148
198	Dietary Fiber Future Directions: Integrating New Definitions and Findings to Inform Nutrition Research and Communication. <i>Advances in Nutrition</i> , 2013, 4, 8-15.	2.9	69
199	Whole Grains and Health: from Theory to Practice—Highlights of the Grains for Health Foundation's Whole Grains Summit 2012. <i>Journal of Nutrition</i> , 2013, 143, 744S-758S.	1.3	44
200	Impacts of prebiotics on the immune system and inflammation. , 2013, , 292-312.		4
201	A Mixture of trans-Galactooligosaccharides Reduces Markers of Metabolic Syndrome and Modulates the Fecal Microbiota and Immune Function of Overweight Adults. <i>Journal of Nutrition</i> , 2013, 143, 324-331.	1.3	271
202	Heterologous Expression of a Bioactive $\beta$ -Hexosyltransferase, an Enzyme Producer of Prebiotics, from <i>Sporobolomyces singularis</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 1241-1249.	1.4	13
203	ILSI Brazil International Workshop on Functional Foods: a narrative review of the scientific evidence in the area of carbohydrates, microbiome, and health. <i>Food and Nutrition Research</i> , 2013, 57, 19214.	1.2	16
204	Early Influences of Nutrition on Postnatal Growth. <i>Nestle Nutrition Institute Workshop Series</i> , 2013, 71, 11-27.	1.5	49
205	Chocolate and Cancer Prevention?. , 2013, , 355-367.		0
206	Prebiotic Properties of Galursan HF 7K on Mouse Gut Microbiota. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 96-110.	1.1	10
207	1,4-Dihydroxy-2-naphthoic acid from <i>Propionibacterium freudenreichii</i> reduces inflammation in interleukin-10-deficient mice with colitis by suppressing macrophage-derived proinflammatory cytokines. <i>Journal of Leukocyte Biology</i> , 2013, 94, 473-480.	1.5	25
208	Mechanisms and effectiveness of prebiotics in modifying the gastrointestinal microbiota for the management of digestive disorders. <i>Proceedings of the Nutrition Society</i> , 2013, 72, 288-298.	0.4	38
209	Insulin-like growth factor-1 and lipoprotein profile in cord blood of preterm small for gestational age infants. <i>Journal of Developmental Origins of Health and Disease</i> , 2013, 4, 507-512.	0.7	8
210	Metabiotics: novel idea or natural development of probiotic conception. <i>Microbial Ecology in Health and Disease</i> , 2013, 24, .	3.8	97
211	Mucosal immunity in a healthy gut. , 2013, , 34-80.		2

#	ARTICLE	IF	CITATIONS
212	Prebiotics, faecal transplants and microbial network units to stimulate biodiversity of the human gut microbiome. <i>Microbial Biotechnology</i> , 2013, 6, 335-340.	2.0	39
213	The intestinal microbiome, probiotics and prebiotics in neurogastroenterology. <i>Gut Microbes</i> , 2013, 4, 17-27.	4.3	194
214	Soluble and insoluble fibre in infant nutrition. , 2013, , 421-449.		1
215	Microbial production of prebiotic oligosaccharides. , 2013, , 494-530.		8
216	Association of nutrition in early life with body fat and serum leptin at adult age. <i>International Journal of Obesity</i> , 2013, 37, 1116-1122.	1.6	63
217	Oral Administration of Live Exopolysaccharide-Producing <i>Pediococcus parvulus</i> , but Not Purified Exopolysaccharide, Suppressed Enterobacteriaceae without Affecting Bacterial Diversity in Ceca of Mice. <i>Applied and Environmental Microbiology</i> , 2013, 79, 5030-5037.	1.4	15
218	Î2-1,4-Mannobiose Stimulates Innate Immune Responses and Induces TLR4-Dependent Activation of Mouse Macrophages but Reduces Severity of Inflammation during Endotoxemia in Mice. <i>Journal of Nutrition</i> , 2013, 143, 384-391.	1.3	28
219	Obesity in adolescence is associated with perinatal risk factors, parental BMI and sociodemographic characteristics. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 115-121.	1.3	82
221	A Comparison Between Lactose Breath Test and Quick Test on Duodenal Biopsies for Diagnosing Lactase Deficiency in Patients With Self-reported Lactose Intolerance. <i>Journal of Clinical Gastroenterology</i> , 2013, 47, 148-152.	1.1	29
222	Chocolate, gut microbiota, and human health. <i>Frontiers in Pharmacology</i> , 2013, 4, 11.	1.6	16
223	Immune Modulation by Different Types of Î2â†’1-Fructans Is Toll-Like Receptor Dependent. <i>PLoS ONE</i> , 2013, 8, e68367.	1.1	182
224	A Single Whole-Body Low Dose X-Irradiation Does Not Affect L1, B1 and IAP Repeat Element DNA Methylation Longitudinally. <i>PLoS ONE</i> , 2014, 9, e93016.	1.1	13
225	A Rosemary Extract Rich in Carnosic Acid Selectively Modulates Caecum Microbiota and Inhibits Î2-Glucosidase Activity, Altering Fiber and Short Chain Fatty Acids Fecal Excretion in Lean and Obese Female Rats. <i>PLoS ONE</i> , 2014, 9, e94687.	1.1	55
226	Maternal Short-Chain Fructooligosaccharide Supplementation Influences Intestinal Immune System Maturation in Piglets. <i>PLoS ONE</i> , 2014, 9, e107508.	1.1	52
227	Diversity: From Diet to Flora to Life. <i>Global Advances in Health and Medicine</i> , 2014, 3, 6-8.	0.7	2
228	Protective Effect of <i>Agave salmiana</i> Fructans in Azoxymethane-Induced Colon Cancer in Wistar Rats. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400901.	0.2	3
229	Use of maltodextrin and a prebiotic in the feed of weaned piglets. <i>Semina:Ciencias Agrarias</i> , 2014, 35, 2129.	0.1	3
230	Metabolic tinkering by the gut microbiome. <i>Gut Microbes</i> , 2014, 5, 369-380.	4.3	105

#	ARTICLE	IF	CITATIONS
231	Prebiotics in infant formula. <i>Gut Microbes</i> , 2014, 5, 681-687.	4.3	74
232	The health benefits of whole grains and fibre. <i>Nutrition and Food Science</i> , 2014, 44, 492-519.	0.4	8
234	Egg quality and productive performance of laying hens fed different levels of skimmed milk powder added to a diet containing <i>Lactobacillus acidophilus</i> . <i>Poultry Science</i> , 2014, 93, 1197-1201.	1.5	5
236	Effects of exposure to a cafeteria diet during gestation and after weaning on the metabolism and body weight of adult male offspring in rats. <i>British Journal of Nutrition</i> , 2014, 111, 1499-1506.	1.2	19
237	Xylo-oligosaccharides alone or in synbiotic combination with <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> induce bifidogenesis and modulate markers of immune function in healthy adults: a double-blind, placebo-controlled, randomised, factorial cross-over study. <i>British Journal of Nutrition</i> , 2014, 111, 1945-1956.	1.2	120
238	Metabolic benefits of dietary prebiotics in human subjects: a systematic review of randomised controlled trials. <i>British Journal of Nutrition</i> , 2014, 111, 1147-1161.	1.2	243
239	Digestive tolerance and postprandial glycaemic and insulinaemic responses after consumption of dairy desserts containing maltitol and fructo-oligosaccharides in adults. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 575-580.	1.3	38
240	Development of an estimated food record for 9-36-month-old toddlers. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 907-915.	1.3	4
241	Consumption of <i>Mesona chinensis</i> Attenuates Postprandial Glucose and Improves Antioxidant Status Induced by a High Carbohydrate Meal in Overweight Subjects. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 315-336.	1.5	28
242	Barley $\beta$ -Glucans-Containing Food Enhances Probiotic Performances of Beneficial Bacteria. <i>International Journal of Molecular Sciences</i> , 2014, 15, 3025-3039.	1.8	98
243	Individual variability in compensatory eating following acute exercise in overweight and obese women. <i>British Journal of Sports Medicine</i> , 2014, 48, 1472-1476.	3.1	65
244	The human intestinal microbiome at extreme ages of life. Dietary intervention as a way to counteract alterations. <i>Frontiers in Genetics</i> , 2014, 5, 406.	1.1	124
245	Prebiotic intake in habitual diet is not associated with luminal bifidobacteria concentration in irritable bowel syndrome. <i>Proceedings of the Nutrition Society</i> , 2014, 73, .	0.4	0
246	Prebiotic oligosaccharides directly modulate proinflammatory cytokine production in monocytes via activation of TLR4. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1098-1110.	1.5	90
247	Nondigestible oligosaccharides exert nonprebiotic effects on intestinal epithelial cells enhancing the immune response via activation of TLR4/NF $\kappa$ B. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 384-393.	1.5	97
248	Time-Restricted Feeding Is a Preventative and Therapeutic Intervention against Diverse Nutritional Challenges. <i>Cell Metabolism</i> , 2014, 20, 991-1005.	7.2	706
249	Prebiotics in healthy infants and children for prevention of acute infectious diseases: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2014, 72, 523-531.	2.6	36
250	How growth due to infant nutrition influences obesity and later disease risk. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 578-585.	0.7	68

#	ARTICLE	IF	CITATIONS
251	Nature and biosynthesis of galacto-oligosaccharides related to oligosaccharides in human breast milk. <i>FEMS Microbiology Letters</i> , 2014, 353, 89-97.	0.7	46
252	Relative contribution of foetal and postnatal nutritional periods on feeding regulation in adult rats. <i>Acta Physiologica</i> , 2014, 210, 188-201.	1.8	9
253	Galacto-oligosaccharides attenuate renal injury with microbiota modification. <i>Physiological Reports</i> , 2014, 2, e12029.	0.7	46
254	Gut microbiota and cardiometabolic outcomes: influence of dietary patterns and their associated components. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 369S-377S.	2.2	61
255	Effects of hemicellulose-derived saccharides on behavior of <i>Lactobacilli</i> under simulated gastrointestinal conditions. <i>Food Research International</i> , 2014, 64, 880-888.	2.9	26
256	Vascular Protective Effects of Fruit Polyphenols. , 2014, , 875-893.		6
257	Fruit Polyphenols and Postprandial Inflammatory Stress. , 2014, , 1107-1126.		6
258	FERMENTED MILKS   Fermented Milks and Yogurt. , 2014, , 908-922.		3
259	Health Care Provider's Knowledge, Perceptions, and Use of Probiotics and Prebiotics. <i>Topics in Clinical Nutrition</i> , 2014, 29, 139-149.	0.2	22
260	Metabolic syndrome in young people. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2014, 21, 56-63.	1.2	60
266	The impact of date palm fruits and their component polyphenols, on gut microbial ecology, bacterial metabolites and colon cancer cell proliferation. <i>Journal of Nutritional Science</i> , 2014, 3, e46.	0.7	107
267	Gut microbiota and metabolic syndrome. <i>World Journal of Gastroenterology</i> , 2014, 20, 16079.	1.4	405
268	Sequential gene expression profiling in the mouse spleen during 14d feeding with <i>Lactobacillus brevis</i> . <i>British Journal of Nutrition</i> , 2014, 111, 1957-1966.	1.2	5
269	Inulin and Health Benefits. , 2014, , 1-36.		0
270	Replacement of fat with long-chain inulin in a fresh cheese made from caprine milk. <i>International Dairy Journal</i> , 2014, 34, 1-5.	1.5	41
271	Nonextracorporeal Methods for Decreasing Uremic Solute Concentration: A Future Way To Go?. <i>Seminars in Nephrology</i> , 2014, 34, 228-243.	0.6	25
272	Postprandial response on fatty meal is affected by sea buckthorn ( <i>Hippophaë rhamnoides</i> ) supplementation: NMR metabolomics study. <i>Food Research International</i> , 2014, 58, 23-34.	2.9	6
273	Selective fermentation of potential prebiotic lactose-derived oligosaccharides by probiotic bacteria. <i>International Dairy Journal</i> , 2014, 38, 11-15.	1.5	44



#	ARTICLE	IF	CITATIONS
274	Gut microbiota controls adipose tissue expansion, gut barrier and glucose metabolism: novel insights into molecular targets and interventions using prebiotics. <i>Beneficial Microbes</i> , 2014, 5, 3-17.	1.0	241
275	Different postprandial acute response in healthy subjects to three strawberry jams varying in carbohydrate and antioxidant content: a randomized, crossover trial. <i>European Journal of Nutrition</i> , 2014, 53, 201-210.	1.8	12
276	Freeze-dried powdered yacon: effects of FOS on serum glucose, lipids and intestinal transit in the elderly. <i>European Journal of Nutrition</i> , 2014, 53, 1457-1464.	1.8	43
277	Microbiota and nonalcoholic steatohepatitis. <i>Seminars in Immunopathology</i> , 2014, 36, 115-132.	2.8	35
278	Gut Microbial Metabolites of Polyunsaturated Fatty Acids Correlate with Specific Fecal Bacteria and Serum Markers of Metabolic Syndrome in Obese Women. <i>Lipids</i> , 2014, 49, 397-402.	0.7	63
279	Diet Effects in Gut Microbiome and Obesity. <i>Journal of Food Science</i> , 2014, 79, R442-51.	1.5	88
280	Mechanisms and efficacy of dietary FODMAP restriction in IBS. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014, 11, 256-266.	8.2	198
281	Probiotics and prebiotics: prospects for public health and nutritional recommendations. <i>Annals of the New York Academy of Sciences</i> , 2014, 1309, 19-29.	1.8	80
282	A role for the gut microbiota in IBS. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014, 11, 497-505.	8.2	304
283	The prebiotic potential of polysaccharides and extracts of seaweeds. <i>Russian Journal of Marine Biology</i> , 2014, 40, 1-9.	0.2	70
284	Les probiotiques et leur place en médecine humaine. <i>Journal Des Anti-infectieux</i> , 2014, 16, 33-43.	0.1	5
285	Berries: Anti-inflammatory Effects in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3886-3903.	2.4	196
286	Gut microbiota in older subjects: variation, health consequences and dietary intervention prospects. <i>Proceedings of the Nutrition Society</i> , 2014, 73, 441-451.	0.4	33
287	Strawberry As a Functional Food: An Evidence-Based Review. <i>Critical Reviews in Food Science and Nutrition</i> , 2014, 54, 790-806.	5.4	194
288	Newly Cultured Bacteria with Broad Diversity Isolated from Eight-Week Continuous Culture Enrichments of Cow Feces on Complex Polysaccharides. <i>Applied and Environmental Microbiology</i> , 2014, 80, 574-585.	1.4	61
289	Gastrointestinal cancers: Influence of gut microbiota, probiotics and prebiotics. <i>Cancer Letters</i> , 2014, 345, 258-270.	3.2	128
290	Drosophila as a model for intestinal dysbiosis and chronic inflammatory diseases. <i>Developmental and Comparative Immunology</i> , 2014, 42, 102-110.	1.0	71
291	Total phenolics content and antioxidant capacities of microencapsulated blueberry anthocyanins during in vitro digestion. <i>Food Chemistry</i> , 2014, 153, 272-278.	4.2	149



#	ARTICLE	IF	CITATIONS
292	An Overview of the Recent Developments on Fructooligosaccharide Production and Applications. <i>Food and Bioprocess Technology</i> , 2014, 7, 324-337.	2.6	125
293	Microbiota-Generated Metabolites Promote Metabolic Benefits via Gut-Brain Neural Circuits. <i>Cell</i> , 2014, 156, 84-96.	13.5	1,615
294	Impact of Diet on Human Intestinal Microbiota and Health. <i>Annual Review of Food Science and Technology</i> , 2014, 5, 239-262.	5.1	173
295	Relative validity of a food frequency questionnaire to assess nutrient intake in pregnant women. <i>Journal of Human Nutrition and Dietetics</i> , 2014, 27, 167-174.	1.3	19
296	Integration of <sc>AFLP</sc>s, <sc>SSR</sc>s and <sc>SNP</sc>s markers into a new genetic map of industrial chicory (<i><sc>C</sc>ichorium intybus</i> <sc>L</sc>. var. <i>sativum</i>).	1.0	19
297	Intestinal alkaline phosphatase promotes gut bacterial growth by reducing the concentration of luminal nucleotide triphosphates. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G826-G838.	1.6	79
298	Prebiotic Oligosaccharides: Comparative Evaluation Using <i>In Vitro</i> Cultures of Infants' Fecal Microbiomes. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7388-7397.	1.4	27
299	Irritable Bowel Syndrome. <i>Journal of Parenteral and Enteral Nutrition</i> , 2014, 38, 781-799.	1.3	32
300	Prevention and Control of Diseases by Use of Pro- and Prebiotics (Synbiotics). <i>Food Reviews International</i> , 2014, 30, 291-316.	4.3	10
301	Intestinal Anti-inflammatory Effects of Oligosaccharides Derived from Lactulose in the Trinitrobenzenesulfonic Acid Model of Rat Colitis. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4285-4297.	2.4	39
302	Position of the Academy of Nutrition and Dietetics: Nutrition and Lifestyle for a Healthy Pregnancy Outcome. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2014, 114, 1099-1103.	0.4	158
303	Effect of traditional leafy vegetables on the growth of lactobacilli and bifidobacteria. <i>International Journal of Food Sciences and Nutrition</i> , 2014, 65, 977-980.	1.3	10
304	Toll-Like Receptor 2 Activation by Î²2â†¹1-Fructans Protects Barrier Function of T84 Human Intestinal Epithelial Cells in a Chain Lengthâ€œDependent Manner. <i>Journal of Nutrition</i> , 2014, 144, 1002-1008.	1.3	93
305	Postnatal Prebiotic Fiber Intake in Offspring Exposed to Gestational Protein Restriction Has Sex-Specific Effects on Insulin Resistance and Intestinal Permeability in Rats. <i>Journal of Nutrition</i> , 2014, 144, 1556-1563.	1.3	11
306	Role of plant-based diets in the prevention and regression of metabolic syndrome and neurodegenerative diseases. <i>Trends in Food Science and Technology</i> , 2014, 40, 62-81.	7.8	47
307	Prostate cancer and the influence of dietary factors and supplements: a systematic review. <i>Nutrition and Metabolism</i> , 2014, 11, 30.	1.3	84
308	Diets naturally rich in polyphenols improve fasting and postprandial dyslipidemia and reduce oxidative stress: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 463-471.	2.2	114
309	Modulation of the Gut Microbiota by Nutrients with Prebiotic and Probiotic Properties. <i>Advances in Nutrition</i> , 2014, 5, 624S-633S.	2.9	92

#	ARTICLE	IF	CITATIONS
310	Impact of genomics on the field of probiotic research: historical perspectives to modern paradigms. Antonie Van Leeuwenhoek, 2014, 106, 141-156.	0.7	56
311	Mucosa-associated Faecalibacterium prausnitzii and Escherichia coli co-abundance can distinguish Irritable Bowel Syndrome and Inflammatory Bowel Disease phenotypes. International Journal of Medical Microbiology, 2014, 304, 464-475.	1.5	114
312	Distinct substrate specificities of three glycoside hydrolase family 42 $\beta$ -galactosidases from Bifidobacterium longum subsp. infantis ATCC 15697. Glycobiology, 2014, 24, 208-216.	1.3	40
313	Pharma-Nutrition. AAPS Advances in the Pharmaceutical Sciences Series, 2014, , .	0.2	0
314	CODEX-aligned dietary fiber definitions help to bridge the "fiber gap"™. Nutrition Journal, 2014, 13, 34.	1.5	283
315	Effect of two dietary fibers on satiety and glycemic parameters: a randomized, double-blind, placebo-controlled, exploratory study. Nutrition Journal, 2014, 13, 45.	1.5	10
316	Optimization of the Acceptance of Prebiotic Beverage Made from Cashew Nut Kernels and Passion Fruit Juice. Journal of Food Science, 2014, 79, S1393-8.	1.5	25
317	Production and <i>in Vitro</i> Fermentation of Soluble, Non-digestible, Feruloylated Oligo- and Polysaccharides from Maize and Wheat Brans. Journal of Agricultural and Food Chemistry, 2014, 62, 159-166.	2.4	42
318	Synbiotic <i>Lactobacillus acidophilus</i> NCFM and cellobiose does not affect human gut bacterial diversity but increases abundance of lactobacilli, bifidobacteria and branched-chain fatty acids: a randomized, double-blinded cross-over trial. FEMS Microbiology Ecology, 2014, 90, 225-236.	1.3	40
319	Dietary flaxseed intake exacerbates acute colonic mucosal injury and inflammation induced by dextran sodium sulfate. American Journal of Physiology - Renal Physiology, 2014, 306, G1042-G1055.	1.6	45
320	Acute intake of a high-fructose diet alters the balance of adipokine concentrations and induces neutrophil influx in the liver. Journal of Nutritional Biochemistry, 2014, 25, 388-394.	1.9	25
321	A provegetarian food pattern and reduction in total mortality in the Prevención con Dieta Mediterránea (PREDIMED) study. American Journal of Clinical Nutrition, 2014, 100, 320S-328S.	2.2	207
322	Structural features and assessment of prebiotic activity of refined arabinoxylooligosaccharides from wheat bran. Journal of Functional Foods, 2014, 6, 438-449.	1.6	121
323	The regulation of hepatic Pon1 by a maternal high-fat diet is gender specific and may occur through promoter histone modifications in neonatal rats. Journal of Nutritional Biochemistry, 2014, 25, 170-176.	1.9	36
324	Standardization of collection requirements for fasting samples. Clinica Chimica Acta, 2014, 432, 33-37.	0.5	116
325	Designing future prebiotic fiber to target metabolic syndrome. Nutrition, 2014, 30, 497-502.	1.1	46
326	Chronic supplementation of proanthocyanidins reduces postprandial lipemia and liver miR-33a and miR-122 levels in a dose-dependent manner in healthy rats. Journal of Nutritional Biochemistry, 2014, 25, 151-156.	1.9	37
327	Alteration of intestinal flora by the intake of enzymatic degradation products of adlay (Coix) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2014, 7, 487-494.	1.6	15

#	ARTICLE	IF	CITATIONS
328	Gut microbiota and GLP-1. Reviews in Endocrine and Metabolic Disorders, 2014, 15, 189-196.	2.6	192
329	Molecular mechanisms and physiology of disease. , 2014, , .		1
330	Lactulose and Lactobacillus plantarum, a Potential Complementary Synbiotic To Control Postweaning Colibacillosis in Piglets. Applied and Environmental Microbiology, 2014, 80, 4879-4886.	1.4	81
331	Flux analysis of the human proximal colon using anaerobic digestion model 1. Anaerobe, 2014, 28, 137-148.	1.0	10
332	Chilled Milk-based Desserts as Emerging Probiotic and Prebiotic Products. Critical Reviews in Food Science and Nutrition, 2014, 54, 139-150.	5.4	18
333	Effects of Short-Chain Fructooligosaccharides on Faecal Bifidobacteria and Specific Immune Response in Formula-Fed Term Infants: A Randomized, Double-Blind, Placebo-Controlled Trial. Journal of Nutritional Science and Vitaminology, 2014, 60, 167-175.	0.2	38
334	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
335	The health benefits of whole grains and fibre: A review of published evidence (2007-2012). Proceedings of the Nutrition Society, 2015, 74, .	0.4	0
336	Normal Growth of Healthy Infants Born from HIV+ Mothers Fed a Reduced Protein Infant Formula Containing the Prebiotics Galacto-Oligosaccharides and Fructo-Oligosaccharides: A Randomized Controlled Trial. Clinical Medicine Insights Pediatrics, 2015, 9, CMPed.S17841.	0.7	4
337	OVERWEIGHT AND ITS RELATIONSHIP WITH DURATION OF BREASTFEEDING IN PRESCHOOLERS. Journal of Human Growth and Development, 2015, 25, 89.	0.2	3
338	Inulin-Type Î2-1 Fructans have Some Effect on the Antibody Response to Seasonal Influenza Vaccination in Healthy Middle-Aged Humans. Frontiers in Immunology, 2015, 6, 490.	2.2	23
339	Breaking down the barriers: the gut microbiome, intestinal permeability and stress-related psychiatric disorders. Frontiers in Cellular Neuroscience, 2015, 9, 392.	1.8	757
340	Beyond gut microbiota: understanding obesity and type 2 diabetes. Hormones, 2015, 14, 358-69.	0.9	25
341	Human Microbiota-Associated Swine: Current Progress and Future Opportunities. ILAR Journal, 2015, 56, 63-73.	1.8	91
342	In vitro evaluation of yacon (Smallanthus sonchifolius) tuber flour prebiotic potential. Food and Bioproducts Processing, 2015, 95, 96-105.	1.8	44
343	Vegetarian Diets in the Prevention and Treatment of Type 2 Diabetes. Journal of the American College of Nutrition, 2015, 34, 448-458.	1.1	50
344	Development of low caloric prebiotic fruit juices by dextransucrase acceptor reaction. Journal of Food Science and Technology, 2015, 52, 7272-7280.	1.4	12
345	Antibiotic overuse and Clostridium difficile infections: The Indian paradox and the possible role of dietary practices. Nutrition, 2015, 31, 1052-1053.	1.1	8

#	ARTICLE	IF	CITATIONS
346	Glucose metabolism and gene expression in juvenile zebrafish ( <i>Danio rerio</i> ) challenged with a high carbohydrate diet: effects of an acute glucose stimulus during late embryonic life. <i>British Journal of Nutrition</i> , 2015, 113, 403-413.	1.2	52
347	Childhood Obesity: Immune Response and Nutritional Approaches. <i>Frontiers in Immunology</i> , 2015, 6, 76.	2.2	57
348	Gut Microbiota and Hepatocellular Carcinoma. <i>Gastrointestinal Tumors</i> , 2015, 2, 33-40.	0.3	58
349	Significance of Inulin Fructans in the Human Diet. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2015, 14, 37-47.	5.9	108
350	Immunological Properties of Inulin-Type Fructans. <i>Critical Reviews in Food Science and Nutrition</i> , 2015, 55, 414-436.	5.4	150
351	Diverse galactooligosaccharides consumption by bifidobacteria: implications of $\beta$ -galactosidase <sup>lacS</sup> operon. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 664-672.	0.6	24
352	Xylooligosaccharides as prebiotics from agricultural by-products: Production and applications. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2015, 5, 62-71.	1.5	264
353	Prebiotic and diet/light chocolate dairy dessert: Chemical composition, sensory profiling and relationship with consumer expectation. <i>LWT - Food Science and Technology</i> , 2015, 62, 424-430.	2.5	27
354	Orange juice intake during a fatty meal consumption reduces the postprandial low-grade inflammatory response in healthy subjects. <i>Thrombosis Research</i> , 2015, 135, 255-259.	0.8	29
355	Gut microbial and short-chain fatty acid profiles in adults with chronic constipation before and after treatment with lubiprostone. <i>Anaerobe</i> , 2015, 33, 33-41.	1.0	49
356	Diet, Gut Microbiome, and Bone Health. <i>Current Osteoporosis Reports</i> , 2015, 13, 125-130.	1.5	169
357	Combined effects of added beta glucan and black tea in breads on starch functionality. <i>International Journal of Food Sciences and Nutrition</i> , 2015, 66, 159-165.	1.3	10
358	Metabonomics and Gut Microbiota in Nutrition and Disease. <i>Molecular and Integrative Toxicology</i> , 2015, , .	0.5	5
359	The potential of resistant starch as a prebiotic. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 1-7.	5.1	113
360	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
361	Health Benefits of Prebiotic Fibers. <i>Advances in Food and Nutrition Research</i> , 2015, 74, 47-91.	1.5	36
362	Impacts of infection with different toxigenic <i>Clostridium difficile</i> strains on faecal microbiota in children. <i>Scientific Reports</i> , 2014, 4, 7485.	1.6	150
363	Effect of a combination GOS/FOS <sup>®</sup> prebiotic mixture and interaction with calcium intake on mineral absorption and bone parameters in growing rats. <i>European Journal of Nutrition</i> , 2015, 54, 913-923.	1.8	53

#	ARTICLE	IF	CITATIONS
364	Improved glucose and lipid metabolism in European sea bass ( <i>Dicentrarchus labrax</i> ) fed short-chain fructooligosaccharides and xylooligosaccharides. <i>Aquaculture</i> , 2015, 441, 57-63.	1.7	52
365	Study on the Diversity of Bacteroides and Clostridium in Patients with Primary Gout. <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 707-715.	0.9	15
366	Human gut microbiota: does diet matter?. <i>Proceedings of the Nutrition Society</i> , 2015, 74, 23-36.	0.4	112
367	New Perspectives on Dietary-derived Treatments and Food Safety – Antinomy in a New Era. <i>Critical Reviews in Food Science and Nutrition</i> , 2015, 55, 1836-1859.	5.4	5
368	Role of Microbiota in Regulating Host Lipid Metabolism and Disease Risk. <i>Molecular and Integrative Toxicology</i> , 2015, , 235-260.	0.5	1
369	Long term ingestion of a preload containing fructo-oligosaccharide or guar gum decreases fat mass but not food intake in mice. <i>Physiology and Behavior</i> , 2015, 147, 198-204.	1.0	12
370	Lower Protein-to-Carbohydrate Ratio in Maternal Diet is Associated with Higher Childhood Systolic Blood Pressure up to Age Four Years. <i>Nutrients</i> , 2015, 7, 3078-3093.	1.7	31
371	Carbohydrate catabolic diversity of bifidobacteria and lactobacilli of human origin. <i>International Journal of Food Microbiology</i> , 2015, 203, 109-121.	2.1	63
373	Functional divergence in gastrointestinal microbiota in physically-separated genetically identical mice. <i>Scientific Reports</i> , 2014, 4, 5437.	1.6	49
374	Normal growth of infants receiving an infant formula containing <i>Lactobacillus reuteri</i> , galacto-oligosaccharides, and fructo-oligosaccharide: a randomized controlled trial. <i>Maternal Health, Neonatology and Perinatology</i> , 2015, 1, 9.	1.0	12
375	<i>In Situ</i> Prebiotics for Weaning Piglets: <i>In Vitro</i> Production and Fermentation of Potato Galacto-Rhamnogalacturonan. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1668-1678.	1.4	18
376	Synthetic Glycolipids and (p)ppGpp Analogs: Development of Inhibitors for Mycobacterial Growth, Biofilm and Stringent Response. <i>Advances in Experimental Medicine and Biology</i> , 2015, 842, 309-327.	0.8	16
377	Interaction of dietary compounds, especially polyphenols, with the intestinal microbiota: a review. <i>European Journal of Nutrition</i> , 2015, 54, 325-341.	1.8	437
378	Towards a more comprehensive concept for prebiotics. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2015, 12, 303-310.	8.2	679
379	Antibiotic Use Before Chemotherapy. <i>Journal of Pediatric Hematology/Oncology</i> , 2015, 37, 121-127.	0.3	13
380	Fermentation Pattern of Infant Formulas Containing Different Prebiotics. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 60, 688-690.	0.9	1
381	Potential anti-obesogenic properties of non-digestible carbohydrates: specific focus on resistant dextrin. <i>Proceedings of the Nutrition Society</i> , 2015, 74, 258-267.	0.4	19
382	Levansucrases of a <i>Pseudomonas syringae</i> pathovar as catalysts for the synthesis of potentially prebiotic oligo- and polysaccharides. <i>New Biotechnology</i> , 2015, 32, 597-605.	2.4	38

#	ARTICLE	IF	CITATIONS
383	Characteristics of <i>Metroxylon sagu</i> Resistant Starch Type III as Prebiotic Substance. <i>Journal of Food Science</i> , 2015, 80, H875-82.	1.5	9
384	Developmental bisphenol A (BPA) exposure leads to sex-specific modification of hepatic gene expression and epigenome at birth that may exacerbate high-fat diet-induced hepatic steatosis. <i>Toxicology and Applied Pharmacology</i> , 2015, 284, 101-112.	1.3	137
385	Recommendations for reporting whole-grain intake in observational and intervention studies. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 903-907.	2.2	69
386	Whole-grain and blood lipid changes in apparently healthy adults: a systematic review and meta-analysis of randomized controlled studies. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 556-572.	2.2	179
387	Dietary Pectin-Derived Acidic Oligosaccharides Improve the Pulmonary Bacterial Clearance of <i>Pseudomonas aeruginosa</i> Lung Infection in Mice by Modulating Intestinal Microbiota and Immunity. <i>Journal of Infectious Diseases</i> , 2015, 211, 156-165.	1.9	43
388	In vitro assessment of the prebiotic potential of Aloe vera mucilage and its impact on the human microbiota. <i>Food and Function</i> , 2015, 6, 525-531.	2.1	51
389	Prebiotic potential of oligosaccharides: A focus on xylan derived oligosaccharides. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2015, 5, 19-30.	1.5	143
390	Dietary indexes, food patterns and incidence of metabolic syndrome in a Mediterranean cohort: The SUN project. <i>Clinical Nutrition</i> , 2015, 34, 508-514.	2.3	83
391	Biochemical Roles of Eukaryotic Cell Surface Macromolecules. <i>Advances in Experimental Medicine and Biology</i> , 2015, , .	0.8	4
392	Recent developments in prebiotics to selectively impact beneficial microbes and promote intestinal health. <i>Current Opinion in Biotechnology</i> , 2015, 32, 42-46.	3.3	222
393	A systematic review and meta-analysis of the prebiotics and synbiotics effects on glycaemia, insulin concentrations and lipid parameters in adult patients with overweight or obesity. <i>Clinical Nutrition</i> , 2015, 34, 845-858.	2.3	138
394	Application of inulin in cheese as prebiotic, fat replacer and texturizer: A review. <i>Carbohydrate Polymers</i> , 2015, 119, 85-100.	5.1	198
395	Epigenetics in the development, modification, and prevention of cardiovascular disease. <i>Molecular Biology Reports</i> , 2015, 42, 765-776.	1.0	51
396	Inulin-type fructans modulate intestinal <i>Bifidobacterium</i> species populations and decrease fecal short-chain fatty acids in obese women. <i>Clinical Nutrition</i> , 2015, 34, 501-507.	2.3	220
397	A natural solution for obesity: Bioactives for the prevention and treatment of weight gain. A review. <i>Nutritional Neuroscience</i> , 2015, 18, 49-65.	1.5	113
398	Production and spouted bed drying of acerola juice containing oligosaccharides. <i>Food and Bioproducts Processing</i> , 2015, 94, 565-571.	1.8	26
399	Prebiotic effect during the first year of life in healthy infants fed formula containing GOS as the only prebiotic: a multicentre, randomised, double-blind and placebo-controlled trial. <i>European Journal of Nutrition</i> , 2015, 54, 89-99.	1.8	121
400	Probiotic, prebiotic and synbiotic supplements in sturgeon aquaculture: a review. <i>Reviews in Aquaculture</i> , 2016, 8, 89-102.	4.6	151

#	ARTICLE	IF	CITATIONS
401	Mannan biotechnology: from biofuels to health. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 32-42.	5.1	96
402	Prebiotics: A Potential Treatment Strategy for the Chemotherapy-damaged Gut?. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 946-956.	5.4	22
403	Bifidobacteria and Their Role as Members of the Human Gut Microbiota. <i>Frontiers in Microbiology</i> , 2016, 7, 925.	1.5	627
404	Evolving Insights on Metabolism, Autophagy, and Epigenetics in Liver Myofibroblasts. <i>Frontiers in Physiology</i> , 2016, 7, 191.	1.3	13
405	Applications of In Ovo Technique for the Optimal Development of the Gastrointestinal Tract and the Potential Influence on the Establishment of Its Microbiome in Poultry. <i>Frontiers in Veterinary Science</i> , 2016, 3, 63.	0.9	96
406	Modulation of Microbiota-Gut-Brain Axis by Berberine Resulting in Improved Metabolic Status in High-Fat Diet-Fed Rats. <i>Obesity Facts</i> , 2016, 9, 365-378.	1.6	68
407	Hypothèse hygiéniste: où en est-on? Compte rendu de l'atelier «Allergies» du DHU 2020 «Médecine personnalisée des maladies chroniques». <i>Revue Française D'allergologie</i> , 2016, 56, 364-371.	0.1	0
408	Oligofructose as an adjunct in treatment of diabetes in NOD mice. <i>Scientific Reports</i> , 2016, 6, 37627.	1.6	19
409	Diet-induced changes in maternal gut microbiota and metabolomic profiles influence programming of offspring obesity risk in rats. <i>Scientific Reports</i> , 2016, 6, 20683.	1.6	175
410	Obesity: epigenetic aspects. <i>Biomolecular Concepts</i> , 2016, 7, 145-155.	1.0	17
411	Exopolysaccharides Produced by Lactic Acid Bacteria and Bifidobacteria as Fermentable Substrates by the Intestinal Microbiota. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 1440-1453.	5.4	139
412	Inulin and fructooligosaccharide affect in vitro calcium uptake and absorption from calcium-enriched gluten-free bread. <i>Food and Function</i> , 2016, 7, 1950-1958.	2.1	27
413	Bioactive Compounds and Antioxidant Activity of <i>Bunchosia glandulifera</i> . <i>International Journal of Food Properties</i> , 2016, 19, 467-473.	1.3	13
414	Prebiotic Addition in Dairy Products. , 2016, , 37-46.		5
415	Schoolchildren born VLBW or VLGA show height-related changes in body composition and muscle function but no evidence of metabolic syndrome risk factors. Results from the NEOLONG study. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2016, 29, 163-72.	0.4	24
416	Impact of Diet Composition on Blood Glucose Regulation. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 541-590.	5.4	144
417	Walnuts ( <i>Juglans regia</i> ) Chemical Composition and Research in Human Health. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 1231-1241.	5.4	138
418	Anthocyanin extraction, microencapsulation, and release properties during in vitro digestion. <i>Food Reviews International</i> , 2016, 32, 46-67.	4.3	20



#	ARTICLE	IF	CITATIONS
419	Relative fermentation of oligosaccharides from human milk and plants by gut microbes. <i>European Food Research and Technology</i> , 2017, 243, 133-146.	1.6	19
420	Proposal for fractionating Brazilian ginseng extracts: Process intensification approach. <i>Journal of Food Engineering</i> , 2017, 196, 73-80.	2.7	9
421	Obesity. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17034.	18.1	766
422	Impact of multi-functional fermented goat milk beverage on gut microbiota in a dynamic colon model. <i>Food Research International</i> , 2017, 99, 315-327.	2.9	41
423	Obtaining prebiotic carbohydrates and beta-ecdysone from Brazilian ginseng by subcritical water extraction. <i>Innovative Food Science and Emerging Technologies</i> , 2017, 42, 73-82.	2.7	37
424	The natural feed additives as immunostimulants in monogastric animal nutrition – a review. <i>Annals of Animal Science</i> , 2017, 17, 605-625.	0.6	62
425	Association between bacterial strain type and host biomarkers in <i>Clostridium perfringens</i> infected goats. <i>Microbial Pathogenesis</i> , 2017, 112, 254-258.	1.3	4
426	The role of IgG hypersensitivity in the pathogenesis and therapy of depressive disorders. <i>Nutritional Neuroscience</i> , 2017, 20, 110-118.	1.5	17
427	Exploitation of Old Wheat Properties for Prevention of Human Disease. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.2	1
428	Significance of Microbiota in Obesity and Metabolic Diseases and the Modulatory Potential by Medicinal Plant and Food Ingredients. <i>Frontiers in Pharmacology</i> , 2017, 8, 387.	1.6	85
429	Evaluation of Two Dry Commercial Therapeutic Diets for the Management of Feline Chronic Gastroenteropathy. <i>Frontiers in Veterinary Science</i> , 2017, 4, 69.	0.9	8
430	Î2â†’1-Fructans Modulate the Immune System In Vivo in a Microbiota-Dependent andâ€‰-Independent Fashion. <i>Frontiers in Immunology</i> , 2017, 8, 154.	2.2	59
431	Inulin-Type Fructans Modulates Pancreaticâ€‰Gut Innate Immune Responses and Gut Barrier Integrity during Experimental Acute Pancreatitis in a Chain Length-Dependent Manner. <i>Frontiers in Immunology</i> , 2017, 8, 1209.	2.2	48
432	Different Types of Dietary Fibers Trigger Specific Alterations in Composition and Predicted Functions of Colonic Bacterial Communities in BALB/c Mice. <i>Frontiers in Microbiology</i> , 2017, 8, 966.	1.5	47
433	Modulation of Gut Microbiome Composition and Function in Experimental Colitis Treated with Sulfasalazine. <i>Frontiers in Microbiology</i> , 2017, 8, 1703.	1.5	89
434	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
435	Effect of Functional Oligosaccharides and Ordinary Dietary Fiber on Intestinal Microbiota Diversity. <i>Frontiers in Microbiology</i> , 2017, 8, 1750.	1.5	101
436	Next-Generation Beneficial Microbes: The Case of <i>Akkermansia muciniphila</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1765.	1.5	713



#	ARTICLE	IF	CITATIONS
437	Modeling Metabolic Interactions in a Consortium of the Infant Gut Microbiome. <i>Frontiers in Microbiology</i> , 2017, 8, 2507.	1.5	26
438	Modified Mediterranean Diet for Enrichment of Short Chain Fatty Acids: Potential Adjunctive Therapeutic to Target Immune and Metabolic Dysfunction in Schizophrenia?. <i>Frontiers in Neuroscience</i> , 2017, 11, 155.	1.4	63
439	Microbial Biosynthesis of Health-Promoting Food Ingredients. , 2017, , 55-93.		2
440	Effect of Inulin on Proteome Changes Induced by Pathogenic Lipopolysaccharide in Human Colon. <i>PLoS ONE</i> , 2017, 12, e0169481.	1.1	15
441	Starch Polysaccharides in the Human Diet: Effect of the Different Source and Processing on its Absorption. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.2	7
442	Purification and characterization of a novel Î±-D-glucosidase from <i>Lactobacillus fermentum</i> with unique substrate specificity towards resistant starch. <i>Journal of General and Applied Microbiology</i> , 2017, 63, 355-361.	0.4	1
443	Potential Uses of Arginine in Dentistry. <i>Advances in Dental Research</i> , 2018, 29, 98-103.	3.6	46
444	Characterization of baru nut ( <i>Dipteryx alata</i> Vog) flour and its application in reduced-fat cupcakes. <i>Journal of Food Science and Technology</i> , 2018, 55, 164-172.	1.4	13
445	Efecto prebiótico de dos fuentes de inulina en el crecimiento in vitro de <i>Lactobacillus salivarius</i> y <i>Enterococcus faecium</i> . <i>Revista Mexicana De Ciencias Pecuarias</i> , 2018, 9, 346.	0.1	10
446	Comparative Effect of The Inclusion of Zootechnical Additives in the Feed of Japanese Quails in Two Productive Phases. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 3313-3325.	0.3	2
447	Modulation of the Epigenome by Nutrition and Xenobiotics during Early Life and across the Life Span: The Key Role of Lifestyle. <i>Lifestyle Genomics</i> , 2018, 11, 9-12.	0.6	6
448	Intestinal Microbiota Modulation in Obesity-Related Non-alcoholic Fatty Liver Disease. <i>Frontiers in Physiology</i> , 2018, 9, 1813.	1.3	68
449	Structure Dependent-Immunomodulation by Sugar Beet Arabinans via a SYK Tyrosine Kinase-Dependent Signaling Pathway. <i>Frontiers in Immunology</i> , 2018, 9, 1972.	2.2	19
450	Immunological Tolerance and Function: Associations Between Intestinal Bacteria, Probiotics, Prebiotics, and Phages. <i>Frontiers in Immunology</i> , 2018, 9, 2240.	2.2	99
451	A study on potential factors and physiological biomarkers associated with the occurrence of ovine theileriosis. <i>Small Ruminant Research</i> , 2018, 168, 32-38.	0.6	4
452	Use of a combination of in vitro models to investigate the impact of chlorpyrifos and inulin on the intestinal microbiota and the permeability of the intestinal mucosa. <i>Environmental Science and Pollution Research</i> , 2018, 25, 22529-22540.	2.7	29
453	Intake of Polydextrose Alters Hematology and the Profile of Short Chain Fatty Acids in Partially Gastrectomized Rats. <i>Nutrients</i> , 2018, 10, 792.	1.7	7
454	Modification of the equine gastrointestinal microbiota by Jerusalem artichoke meal supplementation. <i>PLoS ONE</i> , 2019, 14, e0220553.	1.1	11

#	ARTICLE	IF	CITATIONS
455	Impact of dietary ingredients on the interpretation of various fecal parameters in rats fed inulin. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 869-875.	0.9	4
456	Goat milk oligosaccharides: Composition, analytical methods and bioactive and nutritional properties. <i>Trends in Food Science and Technology</i> , 2019, 92, 152-161.	7.8	38
457	A Provegetarian Food Pattern Emphasizing Preference for Healthy Plant-Derived Foods Reduces the Risk of Overweight/Obesity in the SUN Cohort. <i>Nutrients</i> , 2019, 11, 1553.	1.7	54
458	Effect of Jerusalem artichoke ( <i>Helianthus tuberosus</i> L.) supplementation on chemical and nutritional properties of crackers. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2812-2821.	1.6	13
459	Characteristics of soil profile CO <sub>2</sub> concentrations in karst areas and their significance for global carbon cycles and climate change. <i>Earth System Dynamics</i> , 2019, 10, 525-538.	2.7	2
460	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
461	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
462	Development of symbiotic yoghurt and biological evaluation (New Zealand White Rabbits) of its functional properties. <i>Food Science and Technology</i> , 2019, 39, 418-425.	0.8	12
463	Dietary fibers as emerging nutritional factors against diabetes: focus on the involvement of gut microbiota. <i>Critical Reviews in Biotechnology</i> , 2019, 39, 524-540.	5.1	36
464	Short-Term Bixin Supplementation of Healthy Subjects Decreases the Susceptibility of LDL to Cu <sup>2+</sup> -Induced Oxidation <i>Ex Vivo</i> . <i>Journal of Nutrition and Metabolism</i> , 2019, 2019, 1-13.	0.7	11
465	Valorization of lotus byproduct ( <i>Receptaculum Nelumbinis</i> ) under green extraction condition. <i>Food and Bioproducts Processing</i> , 2019, 115, 110-117.	1.8	29
466	Raspberries Improve Postprandial Glucose and Acute and Chronic Inflammation in Adults with Type 2 Diabetes. <i>Annals of Nutrition and Metabolism</i> , 2019, 74, 165-174.	1.0	59
467	Obtaining functional powder tea from Brazilian ginseng roots: Effects of freeze and spray drying processes on chemical and nutritional quality, morphological and redispersion properties. <i>Food Research International</i> , 2019, 116, 932-941.	2.9	30
468	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
469	Iron influences on the Gut-Brain axis and development of type 2 diabetes. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 443-449.	5.4	11
470	Gut microbiota modulation and immune boosting properties of prebiotic dragon fruit oligosaccharides. <i>International Journal of Food Science and Technology</i> , 2020, 55, 55-64.	1.3	22
471	Effects of a diet naturally rich in polyphenols on lipid composition of postprandial lipoproteins in high cardiometabolic risk individuals: an ancillary analysis of a randomized controlled trial. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 183-192.	1.3	24
472	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

#	ARTICLE	IF	CITATIONS
473	In vivo action of <i>Lactococcus lactis</i> subsp. <i>lactis</i> isolate (R7) with probiotic potential in the stabilization of cancer cells in the colorectal epithelium. <i>Process Biochemistry</i> , 2020, 91, 165-171.	1.8	18
474	Racial/Ethnic Differences in Diet Quality and Eating Habits Among WIC Pregnant Women: Implications for Policy and Practice. <i>American Journal of Health Promotion</i> , 2020, 34, 169-176.	0.9	14
475	Effects of dietary yeast cell wall on biochemical indices, serum and skin mucus immune responses, oxidative status and resistance against <i>Aeromonas hydrophila</i> in juvenile Persian sturgeon ( <i>Acipenser tigris</i> ). <i>Journal of Applied Aquaculture</i> , 2020, 32, 10-18.	0.0	0
476	Prebiotics, Probiotics, and Bacterial Infections. , 0, , .		0
477	Galactooligosaccharide and a prebiotic blend improve colonic health and immunity of adult dogs. <i>PLoS ONE</i> , 2020, 15, e0238006.	1.1	16
478	Apple by-product dietary fibre exhibits potential prebiotic and hypolipidemic effects in high-fat fed Wistar rats. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2020, 23, 100219.	1.5	23
479	Colonization of Mice With Amoxicillin-Associated <i>Klebsiella variicola</i> Drives Inflammation via Th1 Induction and Treg Inhibition. <i>Frontiers in Microbiology</i> , 2020, 11, 1256.	1.5	14
480	METABIOTICS. , 2020, , .		9
481	Photoprotective Effect of Dietary Galacto-Oligosaccharide (GOS) in Hairless Mice via Regulation of the MAPK Signaling Pathway. <i>Molecules</i> , 2020, 25, 1679.	1.7	14
482	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
483	Host-microbiota interaction helps to explain the bottom-up effects of climate change on a small rodent species. <i>ISME Journal</i> , 2020, 14, 1795-1808.	4.4	29
484	Food sources and inulin consumption in school-aged children. <i>Proceedings of the Nutrition Society</i> , 2021, 80, .	0.4	1
485	The importance of prebiotics in the regulation of metabolic syndrome disorders. <i>Ukrainian Therapeutical Journal</i> , 2021, , .	0.0	0
486	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
487	Formula lãctea a base de flocos de abãbora com adião de inulina: efeitos nutricionais e morfologia intestinal de ratos. <i>Arquivos Brasileiros De Alimentão</i> , 2021, 4, 313-327.	0.0	0
488	The Domino Effects of Synbiotic: From Feed to Health. , 0, , .		2
489	Dietary Inulin Supplementation Modifies Significantly the Liver Transcriptomic Profile of Broiler Chickens. <i>PLoS ONE</i> , 2014, 9, e98942.	1.1	46
490	Fermented Papaya Preparation Restores Age-Related Reductions in Peripheral Blood Mononuclear Cell Cytolytic Activity in Tube-Fed Patients. <i>PLoS ONE</i> , 2017, 12, e0169240.	1.1	20

#	ARTICLE	IF	CITATIONS
491	APPLICATION OF COFFEE PEEL WASTE AS RAW MATERIAL FOR XYLOOLIGOSACCHARIDE PRODUCTION. <i>Coffee Science</i> , 2019, 14, 446.	0.5	4
492	Relationship between diet and prevalence of depression among Korean adults: Korea National Health and Nutrition Examination Survey 2010. <i>Journal of Agricultural Medicine and Community Health</i> , 2016, 41, 75-84.	0.2	8
493	Comportamiento productivo de cuyes ( <i>Cavia porcellus</i> L.) en crecimiento suplementados con prebióticos y probióticos naturales. <i>Ciencia Tecnología Agropecuaria</i> , 2021, 22, e1920.	0.3	0
494	Purified Foods and Fiber. <i>Edis</i> , 2013, 2013, .	0.0	0
495	Evidencia existente sobre la influencia de la ingesta de prebióticos sobre el riesgo de cáncer colorrectal. <i>Revista Espanola De Nutricion Humana Y Dietetica</i> , 2013, 17, 27.	0.1	0
496	Galactooligosaccharides and substrate and energy metabolism, dietary intake and body composition. <i>MaRBL</i> , 0, 6, .	0.0	0
498	Actuality of governmental support and support of development of doctors of Ukraine in modern conditions. <i>Neonatology Surgery and Perinatal Medicine</i> , 2019, 8, 10-12.	0.0	0
499	TRIGGER MECHANISMS OF MICROBIOTES VIOLATIONS IN NEWBORNS AND PREVENTION OF ADVERSE EFFECTS. <i>Neonatology Surgery and Perinatal Medicine</i> , 2019, 8, 79-86.	0.0	2
500	Synbiotic effects for correction of the intestinal microbiota composition and functions. <i>Modern Gastroenterology</i> , 2020, .	0.1	0
501	Prebiotics, Probiotics, Synbiotics, and Phage Therapy. , 2013, , 151-167.		0
502	Effect of probiotics and incretine mimetics on the levels of glucagon-like peptide-1 in blood serum of patients with type 2 diabetes mellitus. <i>Mã¼narodnij Endokrinologã¼nij Å½urnal</i> , 2021, 17, 604-612.	0.1	0
503	Recurrent bacterial vaginosis: possible ways of correction. <i>Reproductive Endocrinology</i> , 2021, , 83-88.	0.0	2
505	Effects of short chain fructo-oligosaccharides on selected skin bacteria. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
506	Ayude a su sistema digestivo: Entendiendo la microbiota y los prebióticos. <i>Edis</i> , 2012, 2012, .	0.0	0
507	Characterization of inulolytic enzymes from the Jerusalem artichoke-derived <i>Glutamicibacter mishrai</i> NJAU-1. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 5525-5538.	1.7	1
508	Saccharide Sweet (SS) Principles, Classification and Structural and Functional Details of SS Sweeteners and Plants. , 2022, , 113-223.		0
509	Aging: Impact of Gut Microbiota. , 2022, , 71-82.		0
510	Thiol-Disulfide Homeostasis as an Oxidative Stress Indicator. <i>Biomarkers in Disease</i> , 2022, , 801-818.	0.0	1

#	ARTICLE	IF	CITATIONS
511	Los alimentos en purÃ© y la fibra. Edis, 2014, 2014, .	0.0	0
512	Iron and the Human Gut Microbiota. , 2022, , 267-279.		0
513	Matrix-entrapped fibers create ecological niches for gut bacterial growth. Scientific Reports, 2023, 13, .	1.6	3
514	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