

# Miguel Gueimonde

## List of Publications by Citations

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200  
papers

12,228  
citations

58  
h-index

106  
g-index

214  
ext. papers

14,890  
ext. citations

5  
avg, IF

6.47  
L-index

#	Paper	IF	Citations
200	Intestinal Short Chain Fatty Acids and their Link with Diet and Human Health. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 185	5.7	934
199	The First Microbial Colonizers of the Human Gut: Composition, Activities, and Health Implications of the Infant Gut Microbiota. <i>Microbiology and Molecular Biology Reviews</i> , <b>2017</b> , 81,	13.2	626
198	Probiotics, gut microbiota, and their influence on host health and disease. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600240	5.9	442
197	Diversity of bifidobacteria within the infant gut microbiota. <i>PLoS ONE</i> , <b>2012</b> , 7, e36957	3.7	415
196	Intestinal dysbiosis associated with systemic lupus erythematosus. <i>MBio</i> , <b>2014</b> , 5, e01548-14	7.8	309
195	Intestinal microbiota in health and disease: role of bifidobacteria in gut homeostasis. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 15163-76	5.6	282
194	Antibiotic resistance in probiotic bacteria. <i>Frontiers in Microbiology</i> , <b>2013</b> , 4, 202	5.7	273
193	Establishment and development of intestinal microbiota in preterm neonates. <i>FEMS Microbiology Ecology</i> , <b>2012</b> , 79, 763-72	4.3	268
192	Intestinal microbiota development in preterm neonates and effect of perinatal antibiotics. <i>Journal of Pediatrics</i> , <b>2015</b> , 166, 538-44	3.6	250
191	Maternal breast-milk and intestinal bifidobacteria guide the compositional development of the Bifidobacterium microbiota in infants at risk of allergic disease. <i>Clinical and Experimental Allergy</i> , <b>2007</b> , 37, 1764-72	4.1	220
190	Establishment and development of lactic acid bacteria and bifidobacteria microbiota in breast-milk and the infant gut. <i>Anaerobe</i> , <b>2010</b> , 16, 307-10	2.8	219
189	Effect of maternal consumption of lactobacillus GG on transfer and establishment of fecal bifidobacterial microbiota in neonates. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2006</b> , 42, 166-70	2.8	218
188	Assessing the fecal microbiota: an optimized ion torrent 16S rRNA gene-based analysis protocol. <i>PLoS ONE</i> , <b>2013</b> , 8, e68739	3.7	205
187	Breast milk: a source of bifidobacteria for infant gut development and maturation?. <i>Neonatology</i> , <b>2007</b> , 92, 64-6	4	202
186	Exopolysaccharides produced by probiotic strains modify the adhesion of probiotics and enteropathogens to human intestinal mucus. <i>Journal of Food Protection</i> , <b>2006</b> , 69, 2011-5	2.5	169
185	Enhanced butyrate formation by cross-feeding between <i>Faecalibacterium prausnitzii</i> and <i>Bifidobacterium adolescentis</i> . <i>FEMS Microbiology Letters</i> , <b>2015</b> , 362,	2.9	167
184	Inulin-type fructans modulate intestinal <i>Bifidobacterium</i> species populations and decrease fecal short-chain fatty acids in obese women. <i>Clinical Nutrition</i> , <b>2015</b> , 34, 501-7	5.9	162

183	Mucin degradation by Bifidobacterium strains isolated from the human intestinal microbiota. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 1936-40	4.8	159
182	Viability and diversity of probiotic Lactobacillus and Bifidobacterium populations included in commercial fermented milks. <i>Food Research International</i> , <b>2004</b> , 37, 839-850	7	158
181	Exopolysaccharides produced by intestinal Bifidobacterium strains act as fermentable substrates for human intestinal bacteria. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 4737-45	4.8	153
180	New real-time quantitative PCR procedure for quantification of bifidobacteria in human fecal samples. <i>Applied and Environmental Microbiology</i> , <b>2004</b> , 70, 4165-9	4.8	145
179	The relationship between phenolic compounds from diet and microbiota: impact on human health. <i>Food and Function</i> , <b>2015</b> , 6, 2424-39	6.1	140
178	Adhesion of selected Bifidobacterium strains to human intestinal mucus and the role of adhesion in enteropathogen exclusion. <i>Journal of Food Protection</i> , <b>2005</b> , 68, 2672-8	2.5	137
177	Immune Modulation Capability of Exopolysaccharides Synthesised by Lactic Acid Bacteria and Bifidobacteria. <i>Probiotics and Antimicrobial Proteins</i> , <b>2012</b> , 4, 227-37	5.5	122
176	Distinct Bifidobacterium strains drive different immune responses in vitro. <i>International Journal of Food Microbiology</i> , <b>2010</b> , 138, 157-65	5.8	122
175	Nutrition and the gut microbiome in the elderly. <i>Gut Microbes</i> , <b>2017</b> , 8, 82-97	8.8	121
174	Probiotics that modify disease risk. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 1294-8	4.1	120
173	Similar bifidogenic effects of prebiotic-supplemented partially hydrolyzed infant formula and breastfeeding on infant gut microbiota. <i>FEMS Immunology and Medical Microbiology</i> , <b>2005</b> , 43, 59-65		120
172	Bifidobacterium microbiota and parameters of immune function in elderly subjects. <i>FEMS Immunology and Medical Microbiology</i> , <b>2008</b> , 53, 18-25		113
171	Microbiomic analysis of the bifidobacterial population in the human distal gut. <i>ISME Journal</i> , <b>2009</b> , 3, 745-51	11.9	111
170	Impact of intrapartum antimicrobial prophylaxis upon the intestinal microbiota and the prevalence of antibiotic resistance genes in vaginally delivered full-term neonates. <i>Microbiome</i> , <b>2017</b> , 5, 93	16.6	110
169	Adhesion and competitive inhibition and displacement of human enteropathogens by selected lactobacilli. <i>Food Research International</i> , <b>2006</b> , 39, 467-471	7	102
168	Effect of the adaptation to high bile salts concentrations on glycosidic activity, survival at low PH and cross-resistance to bile salts in Bifidobacterium. <i>International Journal of Food Microbiology</i> , <b>2004</b> , 94, 79-86	5.8	102
167	Exopolysaccharides Produced by Lactic Acid Bacteria and Bifidobacteria as Fermentable Substrates by the Intestinal Microbiota. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2016</b> , 56, 1440-53	11.5	97
166	The human intestinal microbiome at extreme ages of life. Dietary intervention as a way to counteract alterations. <i>Frontiers in Genetics</i> , <b>2014</b> , 5, 406	4.5	96

165	Immune response to Bifidobacterium bifidum strains support Treg/Th17 plasticity. <i>PLoS ONE</i> , <b>2011</b> , 6, e24776	3.7	94
164	Shaping the Metabolism of Intestinal Population through Diet to Improve Human Health. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 376	5.7	93
163	Characterization and in vitro properties of potentially probiotic Bifidobacterium strains isolated from breast-milk. <i>International Journal of Food Microbiology</i> , <b>2011</b> , 149, 28-36	5.8	92
162	Manufacturing process influences properties of probiotic bacteria. <i>British Journal of Nutrition</i> , <b>2011</b> , 105, 887-94	3.6	88
161	Exopolysaccharide-producing Bifidobacterium strains elicit different in vitro responses upon interaction with human cells. <i>Food Research International</i> , <b>2012</b> , 46, 99-107	7	86
160	Safety of Novel Microbes for Human Consumption: Practical Examples of Assessment in the European Union. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1725	5.7	84
159	Comparison of four methods to enumerate probiotic bifidobacteria in a fermented food product. <i>Food Microbiology</i> , <b>2006</b> , 23, 571-7	6	83
158	Qualitative and quantitative analyses of the bifidobacterial microbiota in the colonic mucosa of patients with colorectal cancer, diverticulitis and inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , <b>2007</b> , 13, 3985-9	5.6	82
157	Bile affects the synthesis of exopolysaccharides by Bifidobacterium animalis. <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 1204-7	4.8	81
156	Impact of Prematurity and Perinatal Antibiotics on the Developing Intestinal Microbiota: A Functional Inference Study. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	81
155	How do bifidobacteria counteract environmental challenges? Mechanisms involved and physiological consequences. <i>Genes and Nutrition</i> , <b>2011</b> , 6, 307-18	4.3	76
154	Role of extracellular transaldolase from Bifidobacterium bifidum in mucin adhesion and aggregation. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 3992-8	4.8	76
153	New methods for selecting and evaluating probiotics. <i>Digestive and Liver Disease</i> , <b>2006</b> , 38 Suppl 2, S242-373	3.7	72
152	Degradation of 16S rRNA and attributes of viability of viable but nonculturable probiotic bacteria. <i>Letters in Applied Microbiology</i> , <b>2008</b> , 46, 693-8	2.9	69
151	Probiotic bacteria may become dormant during storage. <i>Applied and Environmental Microbiology</i> , <b>2005</b> , 71, 1662-3	4.8	67
150	Interactions between Bifidobacterium and Bacteroides species in cofermentations are affected by carbon sources, including exopolysaccharides produced by bifidobacteria. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 7518-24	4.8	66
149	Two different tetracycline resistance mechanisms, plasmid-carried tet(L) and chromosomally located transposon-associated tet(M), coexist in Lactobacillus sakei Rits 9. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 1394-401	4.8	63
148	Pilot study of diet and microbiota: interactive associations of fibers and polyphenols with human intestinal bacteria. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 5330-6	5.7	62

147	Allergic Patients with Long-Term Asthma Display Low Levels of <i>Bifidobacterium adolescentis</i> . <i>PLoS ONE</i> , <b>2016</b> , 11, e0147809	3.7	62
146	Insights from genomes of representatives of the human gut commensal <i>Bifidobacterium bifidum</i> . <i>Environmental Microbiology</i> , <b>2015</b> , 17, 2515-31	5.2	61
145	Adhesion properties and competitive pathogen exclusion ability of bifidobacteria with acquired acid resistance. <i>Journal of Food Protection</i> , <b>2006</b> , 69, 1675-9	2.5	60
144	Characterisation of a <i>Bifidobacterium</i> strain with acquired resistance to cholate--a preliminary study. <i>International Journal of Food Microbiology</i> , <b>2003</b> , 82, 191-8	5.8	59
143	Bile-inducible efflux transporter from <i>Bifidobacterium longum</i> NCC2705, conferring bile resistance. <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 3153-60	4.8	58
142	Genetic basis of tetracycline resistance in <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 3364-9	4.8	57
141	Competitive exclusion of enteropathogens from human intestinal mucus by <i>Bifidobacterium</i> strains with acquired resistance to bile--a preliminary study. <i>International Journal of Food Microbiology</i> , <b>2007</b> , 113, 228-32	5.8	56
140	Age-Associated Changes in Gut Microbiota and Dietary Components Related with the Immune System in Adulthood and Old Age: A Cross-Sectional Study. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	55
139	Safety and intestinal microbiota modulation by the exopolysaccharide-producing strains <i>Bifidobacterium animalis</i> IPLA R1 and <i>Bifidobacterium longum</i> IPLA E44 orally administered to Wistar rats. <i>International Journal of Food Microbiology</i> , <b>2011</b> , 144, 342-51	5.8	55
138	Early microbiota, antibiotics and health. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 83-91	10.3	54
137	Fiber from a regular diet is directly associated with fecal short-chain fatty acid concentrations in the elderly. <i>Nutrition Research</i> , <b>2013</b> , 33, 811-6	4	54
136	Intestinal Dysbiosis Is Associated with Altered Short-Chain Fatty Acids and Serum-Free Fatty Acids in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 23	8.4	53
135	Occurrence and Diversity of CRISPR-Cas Systems in the Genus <i>Bifidobacterium</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0133661	3.7	53
134	Ability of <i>Bifidobacterium</i> strains with acquired resistance to bile to adhere to human intestinal mucus. <i>International Journal of Food Microbiology</i> , <b>2005</b> , 101, 341-6	5.8	53
133	Microbial targets for the development of functional foods accordingly with nutritional and immune parameters altered in the elderly. <i>Journal of the American College of Nutrition</i> , <b>2013</b> , 32, 399-406	3.5	52
132	An Overview on Fecal Branched Short-Chain Fatty Acids Along Human Life and as Related With Body Mass Index: Associated Dietary and Anthropometric Factors. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 973	5.7	50
131	Deep 16S rRNA metagenomics and quantitative PCR analyses of the premature infant fecal microbiota. <i>Anaerobe</i> , <b>2012</b> , 18, 378-80	2.8	50
130	Treg-inducing membrane vesicles from <i>Bifidobacterium bifidum</i> LMG13195 as potential adjuvants in immunotherapy. <i>Vaccine</i> , <b>2012</b> , 30, 825-9	4.1	47

129	Facultative to strict anaerobes ratio in the preterm infant microbiota: a target for intervention?. <i>Gut Microbes</i> , <b>2012</b> , 3, 583-8	8.8	47
128	Factors involved in the colonization and survival of bifidobacteria in the gastrointestinal tract. <i>FEMS Microbiology Letters</i> , <b>2013</b> , 340, 1-10	2.9	46
127	Interaction of Bifidobacterium bifidum LMG13195 with HT29 cells influences regulatory-T-cell-associated chemokine receptor expression. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 2850-7	4.8	46
126	Free Fatty Acids Profiles Are Related to Gut Microbiota Signatures and Short-Chain Fatty Acids. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 823	8.4	45
125	Effect of Bifidobacterium upon Clostridium difficile Growth and Toxicity When Co-cultured in Different Prebiotic Substrates. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 738	5.7	45
124	Adherence to a Mediterranean Diet Influences the Fecal Metabolic Profile of Microbial-Derived Phenolics in a Spanish Cohort of Middle-Age and Older People. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 586-595	5.7	44
123	Probiotic fermented milks: Present and future. <i>International Journal of Dairy Technology</i> , <b>2009</b> , 62, 472-483	3.7	44
122	Adaptation of bifidobacteria to the gastrointestinal tract and functional consequences. <i>Pharmacological Research</i> , <b>2013</b> , 69, 127-36	10.2	43
121	Correlation between in vitro and in vivo assays in selection of probiotics from traditional species of bacteria. <i>Trends in Food Science and Technology</i> , <b>2017</b> , 68, 83-90	15.3	43
120	Short communication: effect of exopolysaccharide isolated from "viiili" on the adhesion of probiotics and pathogens to intestinal mucus. <i>Journal of Dairy Science</i> , <b>2006</b> , 89, 2355-8	4	42
119	Fermented Dairy Foods: Impact on Intestinal Microbiota and Health-Linked Biomarkers. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1046	5.7	41
118	Probiotic intervention in neonates--will permanent colonization ensue?. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2006</b> , 42, 604-6	2.8	41
117	Presence of specific antibiotic (tet) resistance genes in infant faecal microbiota. <i>FEMS Immunology and Medical Microbiology</i> , <b>2006</b> , 48, 21-5		40
116	Characteristics of carbonated fermented milk and survival of probiotic bacteria. <i>International Dairy Journal</i> , <b>2000</b> , 10, 213-220	3.5	40
115	In vitro fermentation of different fructo-oligosaccharides by Bifidobacterium strains for the selection of synbiotic combinations. <i>International Journal of Food Microbiology</i> , <b>2017</b> , 242, 19-23	5.8	38
114	Metagenomics and probiotics. <i>Clinical Microbiology and Infection</i> , <b>2012</b> , 18 Suppl 4, 32-4	9.5	36
113	Adhesion of bile-adapted Bifidobacterium strains to the HT29-MTX cell line is modified after sequential gastrointestinal challenge simulated in vitro using human gastric and duodenal juices. <i>Research in Microbiology</i> , <b>2011</b> , 162, 514-9	4	36
112	Assessment of intestinal microbiota modulation ability of Bifidobacterium strains in in vitro fecal batch cultures from preterm neonates. <i>Anaerobe</i> , <b>2013</b> , 19, 9-16	2.8	35

111	Coculture of Bifidobacterium longum and Bifidobacterium breve alters their protein expression profiles and enzymatic activities. <i>International Journal of Food Microbiology</i> , <b>2009</b> , 133, 148-53	5.8	35
110	Toward improving technological and functional properties of probiotics in foods. <i>Trends in Food Science and Technology</i> , <b>2012</b> , 26, 56-63	15.3	34
109	Removal of the cyanobacterial toxin microcystin-LR by human probiotics. <i>Toxicon</i> , <b>2005</b> , 46, 111-4	2.8	33
108	Different metabolic features of Bacteroides fragilis growing in the presence of glucose and exopolysaccharides of bifidobacteria. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 825	5.7	32
107	Assessment of intestinal microbiota of full-term breast-fed infants from two different geographical locations. <i>Early Human Development</i> , <b>2011</b> , 87, 511-3	2.2	31
106	Molecular clues to understand the aerotolerance phenotype of Bifidobacterium animalis subsp. lactis. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 644-50	4.8	31
105	Screening of Bifidobacteria and Lactobacilli Able to Antagonize the Cytotoxic Effect of Clostridium difficile upon Intestinal Epithelial HT29 Monolayer. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 577	5.7	31
104	Inflammation markers and malnutrition as risk factors for infections and impaired health-related quality of life among older nursing home residents. <i>Journal of the American Medical Directors Association</i> , <b>2009</b> , 10, 348-53	5.9	30
103	Catabolism of glucose and lactose in Bifidobacterium animalis subsp. lactis, studied by 13C Nuclear Magnetic Resonance. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 7628-38	4.8	29
102	Bacteroides fragilis metabolises exopolysaccharides produced by bifidobacteria. <i>BMC Microbiology</i> , <b>2016</b> , 16, 150	4.5	29
101	Different Intestinal Microbial Profile in Over-Weight and Obese Subjects Consuming a Diet with Low Content of Fiber and Antioxidants. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	28
100	Safety of probiotics. <i>Scandinavian Journal of Nutrition</i> , <b>2004</b> , 48, 42-48		28
99	Omics for the study of probiotic microorganisms. <i>Food Research International</i> , <b>2013</b> , 54, 1061-1071	7	26
98	Quantitative assessment of faecal bifidobacterial populations by real-time PCR using lanthanide probes. <i>Journal of Applied Microbiology</i> , <b>2007</b> , 102, 1116-22	4.7	26
97	Quality of plain yoghurt made from refrigerated and CO2-treated milk. <i>Food Research International</i> , <b>2003</b> , 36, 43-48	7	26
96	Microbiota and Derived Parameters in Fecal Samples of Infants with Non-IgE Cow's Milk Protein Allergy under a Restricted Diet. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	26
95	Long-Term Coffee Consumption is Associated with Fecal Microbial Composition in Humans. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	25
94	The Relationship between Choline Bioavailability from Diet, Intestinal Microbiota Composition, and Its Modulation of Human Diseases. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	25

93	The role of yogurt in food-based dietary guidelines. <i>Nutrition Reviews</i> , <b>2018</b> , 76, 29-39	6.4	25
92	Red wine consumption is associated with fecal microbiota and malondialdehyde in a human population. <i>Journal of the American College of Nutrition</i> , <b>2015</b> , 34, 135-41	3.5	24
91	Human Studies on Probiotics: What Is Scientifically Proven. <i>Journal of Food Science</i> , <b>2006</b> , 69, M137-M140	4.4	24
90	Intestinal Microbiota and Weight-Gain in Preterm Neonates. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 183	5.7	23
89	Immune modulating capability of two exopolysaccharide-producing Bifidobacterium strains in a Wistar rat model. <i>BioMed Research International</i> , <b>2014</b> , 2014, 106290	3	23
88	C-section and the Neonatal Gut Microbiome Acquisition: Consequences for Future Health. <i>Annals of Nutrition and Metabolism</i> , <b>2018</b> , 73 Suppl 3, 17-23	4.5	22
87	Capability of exopolysaccharide-producing Lactobacillus paraplantarum BCGG11 and its non-producing isogenic strain NB1, to counteract the effect of enteropathogens upon the epithelial cell line HT29-MTX. <i>Food Research International</i> , <b>2015</b> , 74, 199-207	7	22
86	Assessment of the effect of stress-tolerance acquisition on some basic characteristics of specific probiotics. <i>International Journal of Food Microbiology</i> , <b>2013</b> , 165, 51-6	5.8	22
85	Induction of alpha-L-arabinofuranosidase activity by monomeric carbohydrates in Bifidobacterium longum and ubiquity of encoding genes. <i>Archives of Microbiology</i> , <b>2007</b> , 187, 145-53	3	22
84	Neurobehavioral dysfunction in non-alcoholic steatohepatitis is associated with hyperammonemia, gut dysbiosis, and metabolic and functional brain regional deficits. <i>PLoS ONE</i> , <b>2019</b> , 14, e0223019	3.7	21
83	Supplementation with grape pomace in healthy women: Changes in biochemical parameters, gut microbiota and related metabolic biomarkers. <i>Journal of Functional Foods</i> , <b>2018</b> , 45, 34-46	5.1	21
82	In vitro evaluation of the impact of human background microbiota on the response to Bifidobacterium strains and fructo-oligosaccharides. <i>British Journal of Nutrition</i> , <b>2013</b> , 110, 2030-6	3.6	20
81	Evaluation of the ability of Bifidobacterium longum to metabolize human intestinal mucus. <i>FEMS Microbiology Letters</i> , <b>2011</b> , 314, 125-30	2.9	20
80	Microbiome: Effects of Ageing and Diet. <i>Current Issues in Molecular Biology</i> , <b>2020</b> , 36, 33-62	2.9	20
79	In-vitro characterization of potentially probiotic Lactobacillus strains isolated from human microbiota: interaction with pathogenic bacteria and the enteric cell line HT29. <i>Annals of Microbiology</i> , <b>2019</b> , 69, 61-72	3.2	20
78	The effects of Bifidobacterium breve on immune mediators and proteome of HT29 cells monolayers. <i>BioMed Research International</i> , <b>2015</b> , 2015, 479140	3	19
77	Probiotics in Adhesion of Pathogens <b>2010</b> , 353-370		19
76	Perinatal Microbiomes' Influence on Preterm Birth and Preterms' Health: Influencing Factors and Modulation Strategies. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2016</b> , 63, e193-e203	2.8	19



75	Fecal microbiota profile in a group of myasthenia gravis patients. <i>Scientific Reports</i> , <b>2018</b> , 8, 14384	4.9	19
74	Insights into the ropy phenotype of the exopolysaccharide-producing strain <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> A1dOxR. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 3870-4	4.8	18
73	Probiotics for Prevention and Treatment of <i>Clostridium difficile</i> Infection. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1050, 161-176	3.6	17
72	Enhancing probiotic stability in industrial processes. <i>Microbial Ecology in Health and Disease</i> , <b>2012</b> , 23,		17
71	Selection of potential probiotic bifidobacteria and prebiotics for elderly by using in vitro faecal batch cultures. <i>European Food Research and Technology</i> , <b>2017</b> , 243, 157-165	3.4	16
70	In Vitro Evaluation of Different Prebiotics on the Modulation of Gut Microbiota Composition and Function in Morbid Obese and Normal-Weight Subjects. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	16
69	Controlled gene expression in bifidobacteria by use of a bile-responsive element. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 581-5	4.8	16
68	The genomics of probiotic intestinal microorganisms. <i>Genome Biology</i> , <b>2005</b> , 6, 225	18.3	16
67	The establishment of the infant intestinal microbiome is not affected by rotavirus vaccination. <i>Scientific Reports</i> , <b>2014</b> , 4, 7417	4.9	15
66	Monitoring in real time the cytotoxic effect of <i>Clostridium difficile</i> upon the intestinal epithelial cell line HT29. <i>Journal of Microbiological Methods</i> , <b>2015</b> , 119, 66-73	2.8	15
65	Assessment of stress tolerance acquisition in the heat-tolerant derivative strains of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> BB-12 and <i>Lactobacillus rhamnosus</i> GG. <i>Journal of Applied Microbiology</i> , <b>2014</b> , 117, 239-48	4.7	15
64	Microbial-host interactions: selecting the right probiotics and prebiotics for infants. <i>Nestle Nutrition Workshop Series Paediatric Programme</i> , <b>2009</b> , 64, 201-13; discussion 213-7, 251-7		15
63	Exploring the interactions between serum free fatty acids and fecal microbiota in obesity through a machine learning algorithm. <i>Food Research International</i> , <b>2019</b> , 121, 533-541	7	15
62	Development of probiotic products for nutritional requirements of specific human populations. <i>Engineering in Life Sciences</i> , <b>2012</b> , 12, 368-376	3.4	14
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