

Miguel Gueimonde

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Needle in a Whey-Stack: PhRACS as a Discovery Tool for Unknown Phage-Host Combinations.. <i>MBio</i> , 2022 , e0333421	7.8	0
199	Gut Microbiome Characteristics in feral and domesticated horses from different geographic locations.. <i>Communications Biology</i> , 2022 , 5, 172	6.7	2
198	Preterm Delivery: Microbial Dysbiosis, Gut Inflammation and Hyperpermeability.. <i>Frontiers in Microbiology</i> , 2021 , 12, 806338	5.7	1
197	Daily ingestion of Akkermansia muciniphila for one month promotes healthy aging and increases lifespan in old female mice. <i>Biogerontology</i> , 2021 , 1	4.5	4
196	Role of Bifidobacteria on Infant Health.. <i>Microorganisms</i> , 2021 , 9,	4.9	3
195	Early-Life Development of the Bifidobacterial Community in the Infant Gut. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	11
194	New players in the relationship between diet and microbiota: the role of macromolecular antioxidant polyphenols. <i>European Journal of Nutrition</i> , 2021 , 60, 1403-1413	5.2	3
193	Effect of inulin-type fructans and galactooligosaccharides on cultures of strains isolated in Algeria from camel's milk and human colostrum. <i>Food Science and Technology International</i> , 2021 , 27, 223-233	2.6	0
192	Impact of Extreme Obesity and Diet-Induced Weight Loss on the Fecal Metabolome and Gut Microbiota. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000030	5.9	8
191	and environmental enrichment reverse cognitive impairment associated with high-fat high-cholesterol consumption in rats. <i>Gut Microbes</i> , 2021 , 13, 1-20	8.8	11
190	Intestinal microbiota alterations by dietary exposure to chemicals from food cooking and processing. Application of data science for risk prediction. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 1081-1091	6.8	3
189	Diet and Microbiota in the Elderly 2021 , 55-55		
188	Selection of Probiotics for Microbiota Modulation in Normal-Weight and Severely Obese Individuals: Focus on Gas Production and Interaction With Intestinal Epithelial Cells. <i>Frontiers in Microbiology</i> , 2021 , 12, 630572	5.7	1
187	Levels of Predominant Intestinal Microorganisms in 1 Month-Old Full-Term Babies and Weight Gain during the First Year of Life. <i>Nutrients</i> , 2021 , 13,	6.7	2
186	Gut microbes and health. <i>Gastroenterología Y Hepatología</i> , 2021 , 44, 519-535	0.9	1
185	Gut microbes and health. <i>Gastroenterología Y Hepatología (English Edition)</i> , 2021 , 44, 519-535	0.1	0
184	Effect of Intrapartum Antibiotics Prophylaxis on the Bifidobacterial Establishment within the Neonatal Gut. <i>Microorganisms</i> , 2021 , 9,	4.9	2

183	Resistance of Bifidobacteria Toward Antibiotics. <i>Methods in Molecular Biology</i> , 2021 , 2278, 195-208	1.4	1
182	subsp. CECT7210 (IM-1) Displays In Vitro Activity against Some Intestinal Pathogens. <i>Nutrients</i> , 2020 , 12,	6.7	7
181	Long-Term Coffee Consumption is Associated with Fecal Microbial Composition in Humans. <i>Nutrients</i> , 2020 , 12,	6.7	25
180	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> , 2020 , 11, 973	5.7	50
179	In Vitro Evaluation of Different Prebiotics on the Modulation of Gut Microbiota Composition and Function in Morbid Obese and Normal-Weight Subjects. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16
178	Microbiome: Effects of Ageing and Diet. <i>Current Issues in Molecular Biology</i> , 2020 , 36, 33-62	2.9	20
177	Donated Human Milk as a Determinant Factor for the Gut Bifidobacterial Ecology in Premature Babies. <i>Microorganisms</i> , 2020 , 8,	4.9	6
176	Use of Fecal Slurry Cultures to Study In Vitro Effects of Bacteriocins on the Gut Bacterial Populations of Infants. <i>Probiotics and Antimicrobial Proteins</i> , 2020 , 12, 1218-1225	5.5	1
175	How strong is the evidence that gut microbiota composition can be influenced by lifestyle interventions in a cardio-protective way?. <i>Atherosclerosis</i> , 2020 , 311, 124-142	3.1	7
174	The Relationship between Choline Bioavailability from Diet, Intestinal Microbiota Composition, and Its Modulation of Human Diseases. <i>Nutrients</i> , 2020 , 12,	6.7	25
173	Comparison of Different Dietary Indices as Predictors of Inflammation, Oxidative Stress and Intestinal Microbiota in Middle-Aged and Elderly Subjects. <i>Nutrients</i> , 2020 , 12,	6.7	9
172	Neurobehavioral dysfunction in non-alcoholic steatohepatitis is associated with hyperammonemia, gut dysbiosis, and metabolic and functional brain regional deficits. <i>PLoS ONE</i> , 2019 , 14, e0223019	3.7	21
171	Intestinal Immunomodulation and Shifts on the Gut Microbiota of BALB/c Mice Promoted by Two and Strains Isolated from Human Samples. <i>BioMed Research International</i> , 2019 , 2019, 2323540	3	1
170	Fermented Dairy Foods: Impact on Intestinal Microbiota and Health-Linked Biomarkers. <i>Frontiers in Microbiology</i> , 2019 , 10, 1046	5.7	41
169	Reply: "Letter to the editor Re: Diaz M., et al. 2018, , 1481". <i>Nutrients</i> , 2019 , 11,	6.7	
168	Nutritional composition of processed baby foods targeted at infants from 0-12 months. <i>Journal of Food Composition and Analysis</i> , 2019 , 79, 55-62	4.1	4
167	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> , 2019 , 11,	6.7	55
166	Fecal Changes Following Introduction of Milk in Infants With Outgrowing Non-IgE Cow's Milk Protein Allergy Are Influenced by Previous Consumption of the Probiotic LGG. <i>Frontiers in Immunology</i> , 2019 , 10, 1819	8.4	9

165	Baby's First Microbes: The Microbiome of Human Milk 2019 , 3-33		1
164	Impact of probiotics on development and behaviour in <i>Drosophila melanogaster</i> - a potential in vivo model to assess probiotics. <i>Beneficial Microbes</i> , 2019 , 10, 179-188	4.9	3
163	In-vitro characterization of potentially probiotic <i>Lactobacillus</i> strains isolated from human microbiota: interaction with pathogenic bacteria and the enteric cell line HT29. <i>Annals of Microbiology</i> , 2019 , 69, 61-72	3.2	20
162	Exploring the interactions between serum free fatty acids and fecal microbiota in obesity through a machine learning algorithm. <i>Food Research International</i> , 2019 , 121, 533-541	7	15
161	Supplementation with grape pomace in healthy women: Changes in biochemical parameters, gut microbiota and related metabolic biomarkers. <i>Journal of Functional Foods</i> , 2018 , 45, 34-46	5.1	21
160	Probiotics for Prevention and Treatment of <i>Clostridium difficile</i> Infection. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1050, 161-176	3.6	17
159	Transmission and persistence of IncF conjugative plasmids in the gut microbiota of full-term infants. <i>FEMS Microbiology Ecology</i> , 2018 , 94,	4.3	8
158	<i>Bifidobacterium breve</i> IPLA20005 affects in vitro the expression of <i>hly</i> and <i>luxS</i> genes, related to the virulence of <i>Listeria monocytogenes</i> Lm23. <i>Canadian Journal of Microbiology</i> , 2018 , 64, 215-221	3.2	10
157	Bioactive compounds from regular diet and faecal microbial metabolites. <i>European Journal of Nutrition</i> , 2018 , 57, 487-497	5.2	11
156	Early microbiota, antibiotics and health. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 83-91	10.3	54
155	C-section and the Neonatal Gut Microbiome Acquisition: Consequences for Future Health. <i>Annals of Nutrition and Metabolism</i> , 2018 , 73 Suppl 3, 17-23	4.5	22
154	Real-time monitoring of HT29 epithelial cells as an in vitro model for assessing functional differences among intestinal microbiotas from different human population groups. <i>Journal of Microbiological Methods</i> , 2018 , 152, 210-216	2.8	5
153	The role of yogurt in food-based dietary guidelines. <i>Nutrition Reviews</i> , 2018 , 76, 29-39	6.4	25
152	Fecal microbiota profile in a group of myasthenia gravis patients. <i>Scientific Reports</i> , 2018 , 8, 14384	4.9	19
151	Microbiota and Derived Parameters in Fecal Samples of Infants with Non-IgE Cow's Milk Protein Allergy under a Restricted Diet. <i>Nutrients</i> , 2018 , 10,	6.7	26
150	Could Fecal Phenylacetic and Phenylpropionic Acids Be Used as Indicators of Health Status?. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 10438-10446	5.7	12
149	Selection of potential probiotic bifidobacteria and prebiotics for elderly by using in vitro faecal batch cultures. <i>European Food Research and Technology</i> , 2017 , 243, 157-165	3.4	16
148	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> , 2017 , 65, 586-595	5.7	44

147	Different Intestinal Microbial Profile in Over-Weight and Obese Subjects Consuming a Diet with Low Content of Fiber and Antioxidants. <i>Nutrients</i> , 2017 , 9,	6.7	28
146	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> , 2017 , 5, 93	16.6	110
145	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> , 2017 , 68, 83-90	15.3	43
144	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> , 2017 , 81,	13.2	626
143	In vitro fermentation of different fructo-oligosaccharides by Bifidobacterium strains for the selection of synbiotic combinations. <i>International Journal of Food Microbiology</i> , 2017 , 242, 19-23	5.8	38
142	Nutrition and the gut microbiome in the elderly. <i>Gut Microbes</i> , 2017 , 8, 82-97	8.8	121
141	Probiotics, gut microbiota, and their influence on host health and disease. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600240	5.9	442
140	Intestinal Dysbiosis Is Associated with Altered Short-Chain Fatty Acids and Serum-Free Fatty Acids in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2017 , 8, 23	8.4	53
139	Free Fatty Acids Profiles Are Related to Gut Microbiota Signatures and Short-Chain Fatty Acids. <i>Frontiers in Immunology</i> , 2017 , 8, 823	8.4	45
138	Intestinal Microbiota and Weight-Gain in Preterm Neonates. <i>Frontiers in Microbiology</i> , 2017 , 8, 183	5.7	23
137	Shaping the Metabolism of Intestinal Population through Diet to Improve Human Health. <i>Frontiers in Microbiology</i> , 2017 , 8, 376	5.7	93
136	Safety of Novel Microbes for Human Consumption: Practical Examples of Assessment in the European Union. <i>Frontiers in Microbiology</i> , 2017 , 8, 1725	5.7	84
135	Glucolytic fingerprinting reveals metabolic groups within the genus Bifidobacterium: an exploratory study. <i>Beneficial Microbes</i> , 2016 , 7, 265-73	4.9	6
134	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, 1440-53	11.5	97
133	Supplementation of xylitol-containing chewing gum with probiotics: a double blind, randomised pilot study focusing on saliva flow and saliva properties. <i>Food and Function</i> , 2016 , 7, 1601-9	6.1	8
132	A proteomic approach towards understanding the cross talk between Bacteroides fragilis and Bifidobacterium longum in coculture. <i>Canadian Journal of Microbiology</i> , 2016 , 62, 623-8	3.2	5
131	Allergic Patients with Long-Term Asthma Display Low Levels of Bifidobacterium adolescentis. <i>PLoS ONE</i> , 2016 , 11, e0147809	3.7	62
130	Intestinal Short Chain Fatty Acids and their Link with Diet and Human Health. <i>Frontiers in Microbiology</i> , 2016 , 7, 185	5.7	934

129	Screening of Bifidobacteria and Lactobacilli Able to Antagonize the Cytotoxic Effect of Clostridium difficile upon Intestinal Epithelial HT29 Monolayer. <i>Frontiers in Microbiology</i> , 2016 , 7, 577	5.7	31
128	Effect of Bifidobacterium upon Clostridium difficile Growth and Toxicity When Co-cultured in Different Prebiotic Substrates. <i>Frontiers in Microbiology</i> , 2016 , 7, 738	5.7	45
127	Impact of Prematurity and Perinatal Antibiotics on the Developing Intestinal Microbiota: A Functional Inference Study. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	81
126	Bacteroides fragilis metabolises exopolysaccharides produced by bifidobacteria. <i>BMC Microbiology</i> , 2016 , 16, 150	4.5	29
125	Perinatal Microbiomes' Influence on Preterm Birth and Preterms' Health: Influencing Factors and Modulation Strategies. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016 , 63, e193-e203	2.8	19
124	Intestinal microbiota development in preterm neonates and effect of perinatal antibiotics. <i>Journal of Pediatrics</i> , 2015 , 166, 538-44	3.6	250
123	The relationship between phenolic compounds from diet and microbiota: impact on human health. <i>Food and Function</i> , 2015 , 6, 2424-39	6.1	140
122	Red wine consumption is associated with fecal microbiota and malondialdehyde in a human population. <i>Journal of the American College of Nutrition</i> , 2015 , 34, 135-41	3.5	24
121	Monitoring in real time the cytotoxic effect of Clostridium difficile upon the intestinal epithelial cell line HT29. <i>Journal of Microbiological Methods</i> , 2015 , 119, 66-73	2.8	15
120	Enhanced butyrate formation by cross-feeding between Faecalibacterium prausnitzii and Bifidobacterium adolescentis. <i>FEMS Microbiology Letters</i> , 2015 , 362,	2.9	167
119	Insights from genomes of representatives of the human gut commensal Bifidobacterium bifidum. <i>Environmental Microbiology</i> , 2015 , 17, 2515-31	5.2	61
118	Inulin-type fructans modulate intestinal Bifidobacterium species populations and decrease fecal short-chain fatty acids in obese women. <i>Clinical Nutrition</i> , 2015 , 34, 501-7	5.9	162
117	Isolation, Identification and Characterisation of Potential New Probiotics 2015 , 3-25		
116	Production of immune response mediators by HT-29 intestinal cell-lines in the presence of Bifidobacterium-treated infant microbiota. <i>Beneficial Microbes</i> , 2015 , 6, 543-52	4.9	12
115	Different metabolic features of Bacteroides fragilis growing in the presence of glucose and exopolysaccharides of bifidobacteria. <i>Frontiers in Microbiology</i> , 2015 , 6, 825	5.7	32
114	Occurrence and Diversity of CRISPR-Cas Systems in the Genus Bifidobacterium. <i>PLoS ONE</i> , 2015 , 10, e0133661	5.3	53
113	The effects of Bifidobacterium breve on immune mediators and proteome of HT29 cells monolayers. <i>BioMed Research International</i> , 2015 , 2015, 479140	3	19
112	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> , 2015 , 74, 199-207	7	22

111	The establishment of the infant intestinal microbiome is not affected by rotavirus vaccination. <i>Scientific Reports</i> , 2014 , 4, 7417	4.9	15
110	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> , 2014 , 117, 239-48	4.7	15
109	Pilot study of diet and microbiota: interactive associations of fibers and polyphenols with human intestinal bacteria. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 5330-6	5.7	62
108	Effect of bacteria used in food industry on the proliferation and cytokine production of epithelial intestinal cellular lines. <i>Journal of Functional Foods</i> , 2014 , 6, 348-355	5.1	10
107	Intestinal microbiota in health and disease: role of bifidobacteria in gut homeostasis. <i>World Journal of Gastroenterology</i> , 2014 , 20, 15163-76	5.6	282
106	Intestinal dysbiosis associated with systemic lupus erythematosus. <i>MBio</i> , 2014 , 5, e01548-14	7.8	309
105	Immune modulating capability of two exopolysaccharide-producing <i>Bifidobacterium</i> strains in a Wistar rat model. <i>BioMed Research International</i> , 2014 , 2014, 106290	3	23
104	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	4.5	96
103	In vitro evaluation of the impact of human background microbiota on the response to <i>Bifidobacterium</i> strains and fructo-oligosaccharides. <i>British Journal of Nutrition</i> , 2013 , 110, 2030-6	3.6	20
102	Interactions between <i>Bifidobacterium</i> and <i>Bacteroides</i> species in cofermentations are affected by carbon sources, including exopolysaccharides produced by bifidobacteria. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 7518-24	4.8	66
101	Omics for the study of probiotic microorganisms. <i>Food Research International</i> , 2013 , 54, 1061-1071	7	26
100	Catabolism of glucose and lactose in <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> , studied by ¹³ C Nuclear Magnetic Resonance. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 7628-38	4.8	29
99	Fiber from a regular diet is directly associated with fecal short-chain fatty acid concentrations in the elderly. <i>Nutrition Research</i> , 2013 , 33, 811-6	4	54
98	Adaptation of bifidobacteria to the gastrointestinal tract and functional consequences. <i>Pharmacological Research</i> , 2013 , 69, 127-36	10.2	43
97	Factors involved in the colonization and survival of bifidobacteria in the gastrointestinal tract. <i>FEMS Microbiology Letters</i> , 2013 , 340, 1-10	2.9	46
96	Assessment of intestinal microbiota modulation ability of <i>Bifidobacterium</i> strains in in vitro fecal batch cultures from preterm neonates. <i>Anaerobe</i> , 2013 , 19, 9-16	2.8	35
95	Assessment of the effect of stress-tolerance acquisition on some basic characteristics of specific probiotics. <i>International Journal of Food Microbiology</i> , 2013 , 165, 51-6	5.8	22
94	Microbiota of the Intestine: Probiotics 2013 , 175-181		1

93	Antibiotic resistance in probiotic bacteria. <i>Frontiers in Microbiology</i> , 2013 , 4, 202	5.7	273
92	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> , 2013 , 32, 399-406	3.5	52
91	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> , 2013 , 79, 3870-4	4.8	18
90	Population Dynamics of Some Relevant Intestinal Microbial Groups in Human Fecal Batch Cultures with Added Fermentable Xylooligosaccharides Obtained from Rice Husks. <i>BioResources</i> , 2013 , 8,	1.3	5
89	Assessing the fecal microbiota: an optimized ion torrent 16S rRNA gene-based analysis protocol. <i>PLoS ONE</i> , 2013 , 8, e68739	3.7	205
88	Fatty acids intake and immune parameters in the elderly. <i>Nutricion Hospitalaria</i> , 2013 , 28, 474-8	1	6
87	Genome sequence of the immunomodulatory strain <i>Bifidobacterium bifidum</i> LMG 13195. <i>Journal of Bacteriology</i> , 2012 , 194, 6997	3.5	2
86	Immune Modulation Capability of Exopolysaccharides Synthesised by Lactic Acid Bacteria and <i>Bifidobacteria</i> . <i>Probiotics and Antimicrobial Proteins</i> , 2012 , 4, 227-37	5.5	122
85	Treg-inducing membrane vesicles from <i>Bifidobacterium bifidum</i> LMG13195 as potential adjuvants in immunotherapy. <i>Vaccine</i> , 2012 , 30, 825-9	4.1	47
84	Metagenomics and probiotics. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 4, 32-4	9.5	36
83	Exopolysaccharide-producing <i>Bifidobacterium</i> strains elicit different in vitro responses upon interaction with human cells. <i>Food Research International</i> , 2012 , 46, 99-107	7	86
82	Diversity of <i>bifidobacteria</i> within the infant gut microbiota. <i>PLoS ONE</i> , 2012 , 7, e36957	3.7	415
81	Toward improving technological and functional properties of probiotics in foods. <i>Trends in Food Science and Technology</i> , 2012 , 26, 56-63	15.3	34
80	Development of probiotic products for nutritional requirements of specific human populations. <i>Engineering in Life Sciences</i> , 2012 , 12, 368-376	3.4	14
79	Establishment and development of intestinal microbiota in preterm neonates. <i>FEMS Microbiology Ecology</i> , 2012 , 79, 763-72	4.3	268
78	Deep 16S rRNA metagenomics and quantitative PCR analyses of the premature infant fecal microbiota. <i>Anaerobe</i> , 2012 , 18, 378-80	2.8	50
77	Enhancing probiotic stability in industrial processes. <i>Microbial Ecology in Health and Disease</i> , 2012 , 23,		17
76	Controlled gene expression in <i>bifidobacteria</i> by use of a bile-responsive element. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 581-5	4.8	16

75	Genome sequence of the Antarctic psychrophile bacterium <i>Planococcus antarcticus</i> DSM 14505. <i>Journal of Bacteriology</i> , 2012 , 194, 4465	3.5	11
74	Molecular clues to understand the aerotolerance phenotype of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . <i>Applied and Environmental Microbiology</i> , 2012 , 78, 644-50	4.8	31
73	Genome sequence of <i>Parascardovia denticolens</i> IPLA 20019, isolated from human breast milk. <i>Journal of Bacteriology</i> , 2012 , 194, 4776-7	3.5	9
72	Role of extracellular transaldolase from <i>Bifidobacterium bifidum</i> in mucin adhesion and aggregation. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 3992-8	4.8	76
71	Facultative to strict anaerobes ratio in the preterm infant microbiota: a target for intervention?. <i>Gut Microbes</i> , 2012 , 3, 583-8	8.8	47
70	Interaction of <i>Bifidobacterium bifidum</i> LMG13195 with HT29 cells influences regulatory-T-cell-associated chemokine receptor expression. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 2850-7	4.8	46
69	Adhesion of bile-adapted <i>Bifidobacterium</i> 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> , 2011 , 162, 514-9	4	36
68	Immune response to <i>Bifidobacterium bifidum</i> strains support Treg/Th17 plasticity. <i>PLoS ONE</i> , 2011 , 6, e24776	3.7	94
67	Current and Future Applications of Probiotics. <i>Current Nutrition and Food Science</i> , 2011 , 7, 170-180	0.7	2
66	Evaluation of the ability of <i>Bifidobacterium longum</i> to metabolize human intestinal mucus. <i>FEMS Microbiology Letters</i> , 2011 , 314, 125-30	2.9	20
65	Assessment of intestinal microbiota of full-term breast-fed infants from two different geographical locations. <i>Early Human Development</i> , 2011 , 87, 511-3	2.2	31
64	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> , 2011 , 144, 342-51	5.8	55
63	Characterization and in vitro properties of potentially probiotic <i>Bifidobacterium</i> strains isolated from breast-milk. <i>International Journal of Food Microbiology</i> , 2011 , 149, 28-36	5.8	92
62	How do bifidobacteria counteract environmental challenges? Mechanisms involved and physiological consequences. <i>Genes and Nutrition</i> , 2011 , 6, 307-18	4.3	76
61	Manufacturing process influences properties of probiotic bacteria. <i>British Journal of Nutrition</i> , 2011 , 105, 887-94	3.6	88
60	Probiotics and Health Claims: How to be Met by SMEs? 2010 , 263-270		
59	Probiotics in Adhesion of Pathogens 2010 , 353-370		19
58	Fecal <i>Bifidobacterium</i> Levels in Elderly Nursing Home Patients. <i>Bioscience and Microflora</i> , 2010 , 29, 111-113		12

57	Genetic basis of tetracycline resistance in <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . <i>Applied and Environmental Microbiology</i> , 2010 , 76, 3364-9	4.8	57
56	Establishment and development of lactic acid bacteria and bifidobacteria microbiota in breast-milk and the infant gut. <i>Anaerobe</i> , 2010 , 16, 307-10	2.8	219
55	Distinct <i>Bifidobacterium</i> strains drive different immune responses in vitro. <i>International Journal of Food Microbiology</i> , 2010 , 138, 157-65	5.8	122
54	Bile affects the synthesis of exopolysaccharides by <i>Bifidobacterium animalis</i> . <i>Applied and Environmental Microbiology</i> , 2009 , 75, 1204-7	4.8	81
53	Microbial-host interactions: selecting the right probiotics and prebiotics for infants. <i>Nestle Nutrition Workshop Series Paediatric Programme</i> , 2009 , 64, 201-13; discussion 213-7, 251-7		15
52	Bile-inducible efflux transporter from <i>Bifidobacterium longum</i> NCC2705, conferring bile resistance. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 3153-60	4.8	58
51	Coculture of <i>Bifidobacterium longum</i> and <i>Bifidobacterium breve</i> alters their protein expression profiles and enzymatic activities. <i>International Journal of Food Microbiology</i> , 2009 , 133, 148-53	5.8	35
50	Microbiomic analysis of the bifidobacterial population in the human distal gut. <i>ISME Journal</i> , 2009 , 3, 745-51	11.9	111
49	Probiotic fermented milks: Present and future. <i>International Journal of Dairy Technology</i> , 2009 , 62, 472-483	4.7	44
48	Effect of clinical and probiotic <i>Lactobacillus rhamnosus</i> strains on intestinal permeability and bacterial translocation in healthy and colitic rats. <i>Food Research International</i> , 2009 , 42, 636-640	7	8
47	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> , 2009 , 10, 348-53	5.9	30
46	Safety Assessment of Probiotics 2009 , 1193-1235		10
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