

# Clara G De Los Reyes Gavilán

## List of Publications by Year in descending order

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168  
papers

11,920  
citations

20759

60  
h-index

30010

103  
g-index

169  
all docs

169  
docs citations

169  
times ranked

12756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal Short Chain Fatty Acids and their Link with Diet and Human Health. <i>Frontiers in Microbiology</i> , 2016, 7, 185.	1.5	1,443
2	Antibiotic resistance in probiotic bacteria. <i>Frontiers in Microbiology</i> , 2013, 4, 202.	1.5	417
3	Intestinal microbiota in health and disease: Role of bifidobacteria in gut homeostasis. <i>World Journal of Gastroenterology</i> , 2014, 20, 15163.	1.4	390
4	Establishment and development of intestinal microbiota in preterm neonates. <i>FEMS Microbiology Ecology</i> , 2012, 79, 763-772.	1.3	365
5	Intestinal Microbiota Development in Preterm Neonates and Effect of Perinatal Antibiotics. <i>Journal of Pediatrics</i> , 2015, 166, 538-544.	0.9	329
6	Establishment and development of lactic acid bacteria and bifidobacteria microbiota in breast-milk and the infant gut. <i>Anaerobe</i> , 2010, 16, 307-310.	1.0	271
7	Enhanced butyrate formation by cross-feeding between <i>Faecalibacterium prausnitzii</i> and <i>Bifidobacterium adolescentis</i> . <i>FEMS Microbiology Letters</i> , 2015, 362, fmv176.	0.7	250
8	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
9	Exopolysaccharides Produced by Probiotic Strains Modify the Adhesion of Probiotics and Enteropathogens to Human Intestinal Mucus. <i>Journal of Food Protection</i> , 2006, 69, 2011-2015.	0.8	201
10	Exopolysaccharides Produced by Intestinal <i>Bifidobacterium</i> Strains Act as Fermentable Substrates for Human Intestinal Bacteria. <i>Applied and Environmental Microbiology</i> , 2008, 74, 4737-4745.	1.4	197
11	Viability and diversity of probiotic <i>Lactobacillus</i> and <i>Bifidobacterium</i> populations included in commercial fermented milks. <i>Food Research International</i> , 2004, 37, 839-850.	2.9	192
12	Nutrition and the gut microbiome in the elderly. <i>Gut Microbes</i> , 2017, 8, 82-97.	4.3	191
13	Proteomic Analysis of Global Changes in Protein Expression during Bile Salt Exposure of <i>Bifidobacterium longum</i> NCIMB 8809. <i>Journal of Bacteriology</i> , 2005, 187, 5799-5808.	1.0	182
14	Mucin Degradation by <i>Bifidobacterium</i> Strains Isolated from the Human Intestinal Microbiota. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1936-1940.	1.4	180
15	Low-pH Adaptation and the Acid Tolerance Response of <i>Bifidobacterium longum</i> Biotype longum. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6450-6459.	1.4	173
16	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.	4.9	165
17	A <i>Lactobacillus helveticus</i> -Specific DNA Probe Detects Restriction Fragment Length Polymorphisms in This Species. <i>Applied and Environmental Microbiology</i> , 1992, 58, 3429-3432.	1.4	163
18	Immune Modulation Capability of Exopolysaccharides Synthesised by Lactic Acid Bacteria and Bifidobacteria. <i>Probiotics and Antimicrobial Proteins</i> , 2012, 4, 227-237.	1.9	156

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19	Exopolysaccharides produced by <i>Bifidobacterium longum</i> IPLA E44 and <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> IPLA R1 modify the composition and metabolic activity of human faecal microbiota in pH-controlled batch cultures. <i>International Journal of Food Microbiology</i> , 2009, 135, 260-267.	2.1	143
20	Shaping the Metabolism of Intestinal <i>Bacteroides</i> Population through Diet to Improve Human Health. <i>Frontiers in Microbiology</i> , 2017, 8, 376.	1.5	140
21	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
22	Molecular Characterization of Intrinsic and Acquired Antibiotic Resistance in Lactic Acid Bacteria and Bifidobacteria. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2008, 14, 6-15.	1.0	137
23	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.	1.5	126
24	Effect of the adaptation to high bile salts concentrations on glycosidic activity, survival at low PH and cross-resistance to bile salts in <i>Bifidobacterium</i> . <i>International Journal of Food Microbiology</i> , 2004, 94, 79-86.	2.1	125
25	Adaptation and Response of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> to Bile: a Proteomic and Physiological Approach. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6757-6767.	1.4	125
26	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
27	Production of exopolysaccharides by <i>Lactobacillus</i> and <i>Bifidobacterium</i> strains of human origin, and metabolic activity of the producing bacteria in milk. <i>Journal of Dairy Science</i> , 2009, 92, 4158-4168.	1.4	113
28	Resistant starch can improve insulin sensitivity independently of the gut microbiota. <i>Microbiome</i> , 2017, 5, 12.	4.9	113
29	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, 1765.	1.7	113
30	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.	2.1	109
31	Impact of Prematurity and Perinatal Antibiotics on the Developing Intestinal Microbiota: A Functional Inference Study. <i>International Journal of Molecular Sciences</i> , 2016, 17, 649.	1.8	109
32	Non Digestible Oligosaccharides Modulate the Gut Microbiota to Control the Development of Leukemia and Associated Cachexia in Mice. <i>PLoS ONE</i> , 2015, 10, e0131009.	1.1	109
33	Evaluation of the functional potential of <i>Weissella</i> and <i>Lactobacillus</i> isolates obtained from Nigerian traditional fermented foods and cow's intestine. <i>International Journal of Food Microbiology</i> , 2011, 147, 97-104.	2.1	108
34	Impact on Human Health of Microorganisms Present in Fermented Dairy Products: An Overview. <i>BioMed Research International</i> , 2015, 2015, 1-13.	0.9	107
35	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.	2.9	102
36	Bile Affects the Synthesis of Exopolysaccharides by <i>Bifidobacterium animalis</i> . <i>Applied and Environmental Microbiology</i> , 2009, 75, 1204-1207.	1.4	100

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37	Purification and Functional Characterization of a Novel $\alpha$ -L-Arabinofuranosidase from <i>Bifidobacterium longum</i> B667. <i>Applied and Environmental Microbiology</i> , 2003, 69, 5096-5103.	1.4	99
38	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.	2.2	95
39	How do bifidobacteria counteract environmental challenges? Mechanisms involved and physiological consequences. <i>Genes and Nutrition</i> , 2011, 6, 307-318.	1.2	94
40	Exopolysaccharides produced by <i>Lactobacillus</i> and <i>Bifidobacterium</i> strains abrogate in vitro the cytotoxic effect of bacterial toxins on eukaryotic cells. <i>Journal of Applied Microbiology</i> , 2010, 109, 2079-2086.	1.4	89
41	Deconjugation and bile salts hydrolase activity by <i>Bifidobacterium</i> strains with acquired resistance to bile. <i>International Dairy Journal</i> , 2006, 16, 850-855.	1.5	87
42	Cell envelope changes in <i>Bifidobacterium animalis</i> ssp. <i>lactis</i> as a response to bile. <i>FEMS Microbiology Letters</i> , 2007, 274, 316-322.	0.7	85
43	The F1F0-ATPase of <i>Bifidobacterium animalis</i> is involved in bile tolerance. <i>Environmental Microbiology</i> , 2006, 8, 1825-1833.	1.8	83
44	The cell-envelope proteome of <i>Bifidobacterium longum</i> in an in vitro bile environment. <i>Microbiology (United Kingdom)</i> , 2009, 155, 957-967.	0.7	82
45	Interactions between <i>Bifidobacterium</i> and <i>Bacteroides</i> Species in Cofermentations Are Affected by Carbon Sources, Including Exopolysaccharides Produced by <i>Bifidobacteria</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 7518-7524.	1.4	82
46	Fermented Dairy Foods: Impact on Intestinal Microbiota and Health-Linked Biomarkers. <i>Frontiers in Microbiology</i> , 2019, 10, 1046.	1.5	79
47	Inside the adaptation process of <i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i> to bile. <i>International Journal of Food Microbiology</i> , 2010, 142, 132-141.	2.1	78
48	Early microbiota, antibiotics and health. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 83-91.	2.4	76
49	Screening of Exopolysaccharide-Producing <i>Lactobacillus</i> and <i>Bifidobacterium</i> Strains Isolated from the Human Intestinal Microbiota. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4385-4388.	1.4	75
50	Two Different Tetracycline Resistance Mechanisms, Plasmid-Carried <i>tet</i> (L) and Chromosomally Located Transposon-Associated <i>tet</i> (M), Coexist in <i>Lactobacillus sakei</i> Rits 9. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1394-1401.	1.4	75
51	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, 5330-5336.	2.4	75
52	Free Fatty Acids Profiles Are Related to Gut Microbiota Signatures and Short-Chain Fatty Acids. <i>Frontiers in Immunology</i> , 2017, 8, 823.	2.2	75
53	Facultative to strict anaerobes ratio in the preterm infant microbiota. <i>Gut Microbes</i> , 2012, 3, 583-588.	4.3	73
54	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> , 2007, 113, 228-232.	2.1	71

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55	Characterisation of a Bifidobacterium strain with acquired resistance to cholera toxin A preliminary study. International Journal of Food Microbiology, 2003, 82, 191-198.	2.1	66
56	Bile-Inducible Efflux Transporter from <i>Bifidobacterium longum</i> NCC2705, Conferring Bile Resistance. Applied and Environmental Microbiology, 2009, 75, 3153-3160.	1.4	66
57	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. International Journal of Food Microbiology, 2011, 144, 342-351.	2.1	66
58	A Bile Salt-Resistant Derivative of <i>Bifidobacterium animalis</i> Has an Altered Fermentation Pattern When Grown on Glucose and Maltose. Applied and Environmental Microbiology, 2005, 71, 6564-6570.	1.4	65
59	Microbial Targets for the Development of Functional Foods Accordingly with Nutritional and Immune Parameters Altered in the Elderly. Journal of the American College of Nutrition, 2013, 32, 399-406.	1.1	65
60	Adherence to a Mediterranean Diet Influences the Fecal Metabolic Profile of Microbial-Derived Phenolics in a Spanish Cohort of Middle-Age and Older People. Journal of Agricultural and Food Chemistry, 2017, 65, 586-595.	2.4	63
61	Genetic Basis of Tetracycline Resistance in <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . Applied and Environmental Microbiology, 2010, 76, 3364-3369.	1.4	61
62	Ability of <i>Bifidobacterium</i> strains with acquired resistance to bile to adhere to human intestinal mucus. International Journal of Food Microbiology, 2005, 101, 341-346.	2.1	60
63	Deep 16S rRNA metagenomics and quantitative PCR analyses of the premature infant fecal microbiota. Anaerobe, 2012, 18, 378-380.	1.0	60
64	Probiotic fermented milks: Present and future. International Journal of Dairy Technology, 2009, 62, 472-483.	1.3	57
65	Preservation of the Microbiological and Biochemical Quality of Raw Milk by Carbon Dioxide Addition: A Pilot-Scale Study. Journal of Food Protection, 1996, 59, 502-508.	0.8	53
66	Bifidogenic effect and stimulation of short chain fatty acid production in human faecal slurry cultures by oligosaccharides derived from lactose and lactulose. Journal of Dairy Research, 2009, 76, 317-325.	0.7	53
67	Xenobiotics Formed during Food Processing: Their Relation with the Intestinal Microbiota and Colorectal Cancer. International Journal of Molecular Sciences, 2019, 20, 2051.	1.8	53
68	Long-Term Coffee Consumption is Associated with Fecal Microbial Composition in Humans. Nutrients, 2020, 12, 1287.	1.7	53
69	Technological and probiotic selection criteria of a bile-adapted <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> strain. International Dairy Journal, 2010, 20, 800-805.	1.5	52
70	<i>Bacteroides fragilis</i> metabolises exopolysaccharides produced by bifidobacteria. BMC Microbiology, 2016, 16, 150.	1.3	48
71	Characteristics of carbonated fermented milk and survival of probiotic bacteria. International Dairy Journal, 2000, 10, 213-220.	1.5	47
72	Assessment of intestinal microbiota of full-term breast-fed infants from two different geographical locations. Early Human Development, 2011, 87, 511-513.	0.8	47

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73	Proteomics of stress response in <i>Bifidobacterium</i> . <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 6905.	3.0	45
74	Assessment of intestinal microbiota modulation ability of <i>Bifidobacterium</i> strains in <i>in vitro</i> fecal batch cultures from preterm neonates. <i>Anaerobe</i> , 2013, 19, 9-16.	1.0	45
75	Fecal microbiota profile in a group of myasthenia gravis patients. <i>Scientific Reports</i> , 2018, 8, 14384.	1.6	45
76	Different metabolic features of <i>Bacteroides fragilis</i> growing in the presence of glucose and exopolysaccharides of bifidobacteria. <i>Frontiers in Microbiology</i> , 2015, 6, 825.	1.5	44
77	Microbiome: Effects of Ageing and Diet. <i>Current Issues in Molecular Biology</i> , 2020, 36, 33-62.	1.0	42
78	Adhesion of bile-adapted <i>Bifidobacterium</i> strains to the HT29-MTX cell line is modified after sequential gastrointestinal challenge simulated <i>in vitro</i> using human gastric and duodenal juices. <i>Research in Microbiology</i> , 2011, 162, 514-519.	1.0	40
79	Role of <i>Bifidobacteria</i> on Infant Health. <i>Microorganisms</i> , 2021, 9, 2415.	1.6	40
80	Molecular Clues To Understand the Aerotolerance Phenotype of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 644-650.	1.4	39
81	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, 148-153.	2.1	37
82	C-section and the Neonatal Gut Microbiome Acquisition: Consequences for Future Health. <i>Annals of Nutrition and Metabolism</i> , 2018, 73, 17-23.	1.0	37
83	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, 551.	1.7	36
84	Intestinal Microbiota and Weight-Gain in Preterm Neonates. <i>Frontiers in Microbiology</i> , 2017, 8, 183.	1.5	35
85	Functional Effects of EPS-Producing <i>Bifidobacterium</i> Administration on Energy Metabolic Alterations of Diet-Induced Obese Mice. <i>Frontiers in Microbiology</i> , 2019, 10, 1809.	1.5	35
86	Evidence for a Plasmid-Linked Restriction-Modification System in <i>Lactobacillus helveticus</i> . <i>Applied and Environmental Microbiology</i> , 1990, 56, 3412-3419.	1.4	35
87	Two membrane proteins from <i>Bifidobacterium breve</i> UCC2003 constitute an ABC-type multidrug transporter. <i>Microbiology (United Kingdom)</i> , 2006, 152, 3497-3505.	0.7	34
88	Quality of plain yoghurt made from refrigerated and CO <sub>2</sub> -treated milk. <i>Food Research International</i> , 2003, 36, 43-48.	2.9	32
89	Bile-resistant derivatives obtained from non-intestinal dairy lactobacilli. <i>International Dairy Journal</i> , 2008, 18, 377-385.	1.5	32
90	Immune Modulating Capability of Two Exopolysaccharide-Producing <i>Bifidobacterium</i> Strains in a Wistar Rat Model. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	32

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91	Bacterial and Eukaryotic Phosphoketolases: Phylogeny, Distribution and Evolution. Journal of Molecular Microbiology and Biotechnology, 2010, 18, 37-51.	1.0	31
92	A Preliminary Analysis of <i>Bifidobacterium longum</i> Exported Proteins by Two-Dimensional Electrophoresis. Journal of Molecular Microbiology and Biotechnology, 2008, 14, 74-79.	1.0	30
93	Supplementation with grape pomace in healthy women: Changes in biochemical parameters, gut microbiota and related metabolic biomarkers. Journal of Functional Foods, 2018, 45, 34-46.	1.6	29
94	In Vitro Evaluation of Different Prebiotics on the Modulation of Gut Microbiota Composition and Function in Morbid Obese and Normal-Weight Subjects. International Journal of Molecular Sciences, 2020, 21, 906.	1.8	29
95	Isolation and Characterization of Temperate and Virulent Bacteriophages of <i>Lactobacillus plantarum</i> . Journal of Dairy Science, 1995, 78, 741-750.	1.4	28
96	A bile-inducible membrane protein mediates bifidobacterial bile resistance. Microbial Biotechnology, 2012, 5, 523-535.	2.0	28
97	Early-Life Development of the Bifidobacterial Community in the Infant Gut. International Journal of Molecular Sciences, 2021, 22, 3382.	1.8	28
98	Polymorphism of <i>Listeria monocytogenes</i> and <i>Listeria innocua</i> strains isolated from short-ripened cheeses. Journal of Applied Microbiology, 1998, 84, 255-262.	1.4	27
99	Characterization of Exopolysaccharides Produced by <i>Bifidobacterium longum</i> NB667 and Its Cholate-Resistant Derivative Strain IPLA B667dCo. Journal of Agricultural and Food Chemistry, 2012, 60, 1028-1035.	2.4	26
100	Red Wine Consumption Is Associated with Fecal Microbiota and Malondialdehyde in a Human Population. Journal of the American College of Nutrition, 2015, 34, 135-141.	1.1	26
101	<i>In vitro</i> evaluation of the impact of human background microbiota on the response to <i>Bifidobacterium</i> strains and fructo-oligosaccharides. British Journal of Nutrition, 2013, 110, 2030-2036.	1.2	25
102	Could Fecal Phenylacetic and Phenylpropionic Acids Be Used as Indicators of Health Status?. Journal of Agricultural and Food Chemistry, 2018, 66, 10438-10446.	2.4	25
103	Exploring the interactions between serum free fatty acids and fecal microbiota in obesity through a machine learning algorithm. Food Research International, 2019, 121, 533-541.	2.9	25
104	Induction of $\beta$ -L-arabinofuranosidase activity by monomeric carbohydrates in <i>Bifidobacterium longum</i> and ubiquity of encoding genes. Archives of Microbiology, 2007, 187, 145-153.	1.0	24
105	Evaluation of the ability of <i>Bifidobacterium longum</i> to metabolize human intestinal mucus. FEMS Microbiology Letters, 2011, 314, 125-130.	0.7	24
106	Comparison of Different Dietary Indices as Predictors of Inflammation, Oxidative Stress and Intestinal Microbiota in Middle-Aged and Elderly Subjects. Nutrients, 2020, 12, 3828.	1.7	24
107	Influence of Carbon Dioxide Addition to Raw Milk on Microbial Levels and Some Fat-Soluble Vitamin Contents of Raw and Pasteurized Milk. Journal of Agricultural and Food Chemistry, 1998, 46, 1552-1555.	2.4	23
108	Mosaic-Like Sequences Containing Transposon, Phage, and Plasmid Elements among <i>Listeria monocytogenes</i> Plasmids. Applied and Environmental Microbiology, 2010, 76, 4851-4857.	1.4	21

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109	Macrolide Resistance Mediated by a Bifidobacterium breve Membrane Protein. Antimicrobial Agents and Chemotherapy, 2005, 49, 4379-4381.	1.4	20
110	Some Chemical and Bacteriological Characteristics of Regional Cheeses from Asturias, Spain. Journal of Food Protection, 1996, 59, 509-515.	0.8	19
111	Insights into the Ropy Phenotype of the Exopolysaccharide-Producing Strain Bifidobacterium animalis subsp. <i>lactis</i> A1dOxR. Applied and Environmental Microbiology, 2013, 79, 3870-3874.	1.4	19
112	Impact of Extreme Obesity and Diet-Induced Weight Loss on the Fecal Metabolome and Gut Microbiota. Molecular Nutrition and Food Research, 2021, 65, e2000030.	1.5	19
113	Acquisition of Bile Salt Resistance Promotes Antibiotic Susceptibility Changes in Bifidobacterium. Journal of Food Protection, 2005, 68, 1916-1919.	0.8	18
114	Technological characterization and survival of the exopolysaccharide-producing strain <i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i> 193 and its bile-resistant derivative 193+ in simulated gastric and intestinal juices. Journal of Dairy Research, 2011, 78, 357-364.	0.7	18
115	Bioactive compounds from regular diet and faecal microbial metabolites. European Journal of Nutrition, 2018, 57, 487-497.	1.8	18
116	Controlled Gene Expression in Bifidobacteria by Use of a Bile-Responsive Element. Applied and Environmental Microbiology, 2012, 78, 581-585.	1.4	17
117	Selection of potential probiotic bifidobacteria and prebiotics for elderly by using in vitro faecal batch cultures. European Food Research and Technology, 2017, 243, 157-165.	1.6	17
118	Characterization of plasmids from <i>Listeria monocytogenes</i> and <i>Listeria innocua</i> strains isolated from short-ripened cheeses. International Journal of Food Microbiology, 1998, 39, 231-236.	2.1	16
119	Afuega™ Pitu Cheese Quality: Carbon Dioxide Addition to Refrigerated Milk in Acid-coagulated Cheesemaking. International Dairy Journal, 1998, 8, 951-958.	1.5	16
120	Phenotypic characterization of <i>Listeria monocytogenes</i> and <i>Listeria innocua</i> strains isolated from short-ripened cheeses. Food Microbiology, 2000, 17, 461-467.	2.1	16
121	Development of probiotic products for nutritional requirements of specific human populations. Engineering in Life Sciences, 2012, 12, 368-376.	2.0	16
122	The establishment of the infant intestinal microbiome is not affected by rotavirus vaccination. Scientific Reports, 2015, 4, 7417.	1.6	15
123	Influence of 2-Fucosyllactose on the Microbiota Composition and Metabolic Activity of Faecal Cultures from Breastfed and Formula-Fed Infants at Two Months of Age. Microorganisms, 2021, 9, 1478.	1.6	15
124	Ubiquity and diversity of multidrug resistance genes in <i>Lactococcus lactis</i> strains isolated between 1936 and 1995. FEMS Microbiology Letters, 2006, 263, 21-25.	0.7	14
125	Production of immune response mediators by HT-29 intestinal cell-lines in the presence of Bifidobacterium-treated infant microbiota. Beneficial Microbes, 2015, 6, 543-552.	1.0	14
126	A body weight loss- and health-promoting gut microbiota is established after bariatric surgery in individuals with severe obesity. Journal of Pharmaceutical and Biomedical Analysis, 2021, 193, 113747.	1.4	14

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127	Acquired resistance to bile increases fructose-6-phosphate phosphoketolase activity in <i>Bifidobacterium</i> . <i>FEMS Microbiology Letters</i> , 2004, 235, 35-41.	0.7	14
128	Susceptibility of <i>Listeria monocytogenes</i> and <i>Listeria innocua</i> strains isolated from short-ripened cheeses to some antibiotics and heavy metal salts. <i>Food Microbiology</i> , 2001, 18, 67-73.	2.1	13
129	Manufacture of Spanish hard cheeses from CO <sub>2</sub> -treated milk. <i>Food Research International</i> , 2002, 35, 681-690.	2.9	13
130	Inhibition of <i>Bacillus cereus</i> growth in carbonated fermented bifidus milk. <i>Food Microbiology</i> , 2003, 20, 519-526.	2.1	13
131	Spontaneous <i>Lactobacillus delbrueckii</i> phage-resistant mutants with acquired bile tolerance. <i>International Journal of Food Microbiology</i> , 2007, 119, 236-242.	2.1	13
132	Exopolysaccharides produced by lactic acid bacteria in food and probiotic applications. , 2010, , 885-902.		13
133	<i>Bifidobacterium longum</i> subsp. <i>infantis</i> CECT7210 ( <i>B. infantis</i> IM-1 <sup>®</sup> ) Displays In Vitro Activity against Some Intestinal Pathogens. <i>Nutrients</i> , 2020, 12, 3259.	1.7	13
134	Nutritional regulation of differentiation and synthesis of an exocyttoplasmic deoxyriboendonuclease in <i>Streptomyces antibioticus</i> . <i>Microbiology (United Kingdom)</i> , 1991, 137, 299-305.	0.7	13
135	Donated Human Milk as a Determinant Factor for the Gut Bifidobacterial Ecology in Premature Babies. <i>Microorganisms</i> , 2020, 8, 760.	1.6	13
136	<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.	0.8	12
137	Behavior of <i>Listeria monocytogenes</i> during the Manufacture, Ripening, and Cold Storage of Afuega'l Pitu Cheese. <i>Journal of Food Protection</i> , 1997, 60, 689-693.	0.8	11
138	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.	1.6	11
139	Role of Microorganisms Present in Dairy Fermented Products in Health and Disease. <i>BioMed Research International</i> , 2015, 2015, 1-2.	0.9	11
140	Evolution of carbohydrate fraction in carbonated fermented milks as affected by $\beta$ -galactosidase activity of starter strains. <i>Journal of Dairy Research</i> , 2002, 69, 125-137.	0.7	10
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