

Abelardo Margolles

List of Publications by Year in descending order

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217
papers

18,192
citations

14644

66
h-index

15249

126
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220
all docs

220
docs citations

220
times ranked

17568
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	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, .	2.9	1,118
3	Probiotics, gut microbiota, and their influence on host health and disease. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600240.	1.5	678
4	Diversity of Bifidobacteria within the Infant Gut Microbiota. <i>PLoS ONE</i> , 2012, 7, e36957.	1.1	512
5	Intestinal Dysbiosis Associated with Systemic Lupus Erythematosus. <i>MBio</i> , 2014, 5, e01548-14.	1.8	500
6	Antibiotic resistance in probiotic bacteria. <i>Frontiers in Microbiology</i> , 2013, 4, 202.	1.5	417
7	Intestinal microbiota in health and disease: Role of bifidobacteria in gut homeostasis. <i>World Journal of Gastroenterology</i> , 2014, 20, 15163.	1.4	390
8	Bile resistance mechanisms in <i>Lactobacillus</i> and <i>Bifidobacterium</i> . <i>Frontiers in Microbiology</i> , 2013, 4, 396.	1.5	367
9	Establishment and development of intestinal microbiota in preterm neonates. <i>FEMS Microbiology Ecology</i> , 2012, 79, 763-772.	1.3	365
10	Intestinal Microbiota Development in Preterm Neonates and Effect of Perinatal Antibiotics. <i>Journal of Pediatrics</i> , 2015, 166, 538-544.	0.9	329
11	Genome analysis of <i>Bifidobacterium bifidum</i> PRL2010 reveals metabolic pathways for host-derived glycan foraging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19514-19519.	3.3	324
12	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
13	Bifidobacteria and Their Health-Promoting Effects. <i>Microbiology Spectrum</i> , 2017, 5, .	1.2	266
14	Assessing the Fecal Microbiota: An Optimized Ion Torrent 16S rRNA Gene-Based Analysis Protocol. <i>PLoS ONE</i> , 2013, 8, e68739.	1.1	257
15	Bifidobacteria exhibit social behavior through carbohydrate resource sharing in the gut. <i>Scientific Reports</i> , 2015, 5, 15782.	1.6	233
16	Bifidobacteria and Their Molecular Communication with the Immune System. <i>Frontiers in Microbiology</i> , 2017, 8, 2345.	1.5	221
17	Role of sortase-dependent pili of <i>Bifidobacterium bifidum</i> PRL2010 in modulating bacterium-host interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11151-11156.	3.3	217
18	Genomic Encyclopedia of Type Strains of the Genus <i>Bifidobacterium</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 6290-6302.	1.4	203

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19	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
20	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
21	Th17 responses and natural IgM antibodies are related to gut microbiota composition in systemic lupus erythematosus patients. <i>Scientific Reports</i> , 2016, 6, 24072.	1.6	188
22	Extracellular proteins secreted by probiotic bacteria as mediators of effects that promote mucosa-bacteria interactions. <i>Microbiology (United Kingdom)</i> , 2010, 156, 3232-3242.	0.7	185
23	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
24	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
25	Hop Resistance in the Beer Spoilage Bacterium <i>Lactobacillus brevis</i> Is Mediated by the ATP-Binding Cassette Multidrug Transporter <i>HorA</i> . <i>Journal of Bacteriology</i> , 2001, 183, 5371-5375.	1.0	175
26	Low-pH Adaptation and the Acid Tolerance Response of <i>Bifidobacterium longum</i> Biotype <i>longum</i> . <i>Applied and Environmental Microbiology</i> , 2007, 73, 6450-6459.	1.4	173
27	Intestinal Bacteria Interplay With Bile and Cholesterol Metabolism: Implications on Host Physiology. <i>Frontiers in Physiology</i> , 2019, 10, 185.	1.3	171
28	Interactions of Surface Exopolysaccharides From <i>Bifidobacterium</i> and <i>Lactobacillus</i> Within the Intestinal Environment. <i>Frontiers in Microbiology</i> , 2018, 9, 2426.	1.5	170
29	Genomic Overview and Biological Functions of Exopolysaccharide Biosynthesis in <i>Bifidobacterium</i> spp. <i>Applied and Environmental Microbiology</i> , 2014, 80, 9-18.	1.4	159
30	Immune Modulation Capability of Exopolysaccharides Synthesised by Lactic Acid Bacteria and <i>Bifidobacteria</i> . <i>Probiotics and Antimicrobial Proteins</i> , 2012, 4, 227-237.	1.9	156
31	Interaction of Intestinal Bacteria with Human Rotavirus during Infection in Children. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1010.	1.8	142
32	Distinct <i>Bifidobacterium</i> strains drive different immune responses in vitro. <i>International Journal of Food Microbiology</i> , 2010, 138, 157-165.	2.1	141
33	<i>Bifidobacterium adolescentis</i> as a key member of the human gut microbiota in the production of GABA. <i>Scientific Reports</i> , 2020, 10, 14112.	1.6	140
34	Molecular Characterization of Intrinsic and Acquired Antibiotic Resistance in Lactic Acid Bacteria and <i>Bifidobacteria</i> . <i>Journal of Molecular Microbiology and Biotechnology</i> , 2008, 14, 6-15.	1.0	137
35	The Purified and Functionally Reconstituted Multidrug Transporter <i>LmrA</i> of <i>Lactococcus lactis</i> Mediates the Transbilayer Movement of Specific Fluorescent Phospholipids. <i>Biochemistry</i> , 1999, 38, 16298-16306.	1.2	136
36	Microbiomic analysis of the bifidobacterial population in the human distal gut. <i>ISME Journal</i> , 2009, 3, 745-751.	4.4	128

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37	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
38	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
39	<i>Bifidobacterium asteroides</i> PRL2011 Genome Analysis Reveals Clues for Colonization of the Insect Gut. <i>PLoS ONE</i> , 2012, 7, e44229.	1.1	123
40	Immune Response to <i>Bifidobacterium bifidum</i> Strains Support Treg/Th17 Plasticity. <i>PLoS ONE</i> , 2011, 6, e24776.	1.1	120
41	Mediterranean diet and faecal microbiota: a transversal study. <i>Food and Function</i> , 2016, 7, 2347-2356.	2.1	120
42	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
43	Role of Extracellular Transaldolase from <i>Bifidobacterium bifidum</i> in Mucin Adhesion and Aggregation. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3992-3998.	1.4	109
44	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
45	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
46	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
47	The human gallbladder microbiome is related to the physiological state and the biliary metabolic profile. <i>Microbiome</i> , 2019, 7, 100.	4.9	101
48	Bile Affects the Synthesis of Exopolysaccharides by <i>Bifidobacterium animalis</i> . <i>Applied and Environmental Microbiology</i> , 2009, 75, 1204-1207.	1.4	100
49	Purification and Functional Characterization of a Novel α -L-Arabinofuranosidase from <i>Bifidobacterium longum</i> B667. <i>Applied and Environmental Microbiology</i> , 2003, 69, 5096-5103.	1.4	99
50	Evaluation of genetic diversity among strains of the human gut commensal <i>Bifidobacterium adolescentis</i> . <i>Scientific Reports</i> , 2016, 6, 23971.	1.6	97
51	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
52	How do bifidobacteria counteract environmental challenges? Mechanisms involved and physiological consequences. <i>Genes and Nutrition</i> , 2011, 6, 307-318.	1.2	94
53	The infant gut microbiome as a microbial organ influencing host well-being. <i>Italian Journal of Pediatrics</i> , 2020, 46, 16.	1.0	93
54	Allergic Patients with Long-Term Asthma Display Low Levels of <i>Bifidobacterium adolescentis</i> . <i>PLoS ONE</i> , 2016, 11, e0147809.	1.1	90

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55	Molecular Players Involved in the Interaction Between Beneficial Bacteria and the Immune System. <i>Frontiers in Microbiology</i> , 2015, 6, 1285.	1.5	88
56	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
57	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
58	The F1F0-ATPase of <i>Bifidobacterium animalis</i> is involved in bile tolerance. <i>Environmental Microbiology</i> , 2006, 8, 1825-1833.	1.8	83
59	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
60	Insights from genomes of representatives of the human gut commensal <i>Bifidobacterium bifidum</i> . <i>Environmental Microbiology</i> , 2015, 17, 2515-2531.	1.8	80
61	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
62	Microbiota/Host Crosstalk Biomarkers: Regulatory Response of Human Intestinal Dendritic Cells Exposed to <i>Lactobacillus</i> Extracellular Encrypted Peptide. <i>PLoS ONE</i> , 2012, 7, e36262.	1.1	78
63	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
64	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
65	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
66	Molecules Produced by Probiotics and Intestinal Microorganisms with Immunomodulatory Activity. <i>Nutrients</i> , 2020, 12, 391.	1.7	74
67	Occurrence and Diversity of CRISPR-Cas Systems in the Genus <i>Bifidobacterium</i> . <i>PLoS ONE</i> , 2015, 10, e0133661.	1.1	73
68	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
69	Treg-inducing membrane vesicles from <i>Bifidobacterium bifidum</i> LMG13195 as potential adjuvants in immunotherapy. <i>Vaccine</i> , 2012, 30, 825-829.	1.7	69
70	Factors involved in the colonization and survival of bifidobacteria in the gastrointestinal tract. <i>FEMS Microbiology Letters</i> , 2013, 340, 1-10.	0.7	68
71	Ranking the impact of human health disorders on gut metabolism: Systemic lupus erythematosus and obesity as study cases. <i>Scientific Reports</i> , 2015, 5, 8310.	1.6	68
72	Evaluation of adhesion properties and antibacterial activities of the infant gut commensal <i>Bifidobacterium bifidum</i> PRL2010. <i>Anaerobe</i> , 2013, 21, 9-17.	1.0	67

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73	Bifidobacterium bifidum PRL2010 Modulates the Host Innate Immune Response. Applied and Environmental Microbiology, 2014, 80, 730-740.	1.4	67
74	Characterisation of a Bifidobacterium strain with acquired resistance to cholerae" A preliminary study. International Journal of Food Microbiology, 2003, 82, 191-198.	2.1	66
75	Bile-Inducible Efflux Transporter from <i>Bifidobacterium longum</i> NCC2705, Conferring Bile Resistance. Applied and Environmental Microbiology, 2009, 75, 3153-3160.	1.4	66
76	A Bile Salt-Resistant Derivative of Bifidobacterium animalis Has an Altered Fermentation Pattern When Grown on Glucose and Maltose. Applied and Environmental Microbiology, 2005, 71, 6564-6570.	1.4	65
77	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
78	Evidence for cholesterol-lowering activity by Bifidobacterium bifidum PRL2010 through gut microbiota modulation. Applied Microbiology and Biotechnology, 2015, 99, 6813-6829.	1.7	64
79	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
80	Ability of Bifidobacterium strains with acquired resistance to bile to adhere to human intestinal mucus. International Journal of Food Microbiology, 2005, 101, 341-346.	2.1	60
81	Deep 16S rRNA metagenomics and quantitative PCR analyses of the premature infant fecal microbiota. Anaerobe, 2012, 18, 378-380.	1.0	60
82	Association of Polyphenols from Oranges and Apples with Specific Intestinal Microorganisms in Systemic Lupus Erythematosus Patients. Nutrients, 2015, 7, 1301-1317.	1.7	60
83	Valorization of Vegetable Food Waste and By-Products Through Fermentation Processes. Frontiers in Microbiology, 2020, 11, 581997.	1.5	60
84	Structure of the high molecular weight exopolysaccharide produced by Bifidobacterium animalis subsp. lactis IPLA-R1 and sequence analysis of its putative eps cluster. Carbohydrate Research, 2011, 346, 2710-2717.	1.1	59
85	Kefir fermented milk and kefiran promote growth of Bifidobacterium bifidum PRL2010 and modulate its gene expression. International Journal of Food Microbiology, 2014, 178, 50-59.	2.1	59
86	Discovering Novel Bile Protection Systems in Bifidobacterium breve UCC2003 through Functional Genomics. Applied and Environmental Microbiology, 2012, 78, 1123-1131.	1.4	58
87	Probiotic fermented milks: Present and future. International Journal of Dairy Technology, 2009, 62, 472-483.	1.3	57
88	Altered human gut dendritic cell properties in ulcerative colitis are reversed by <i>Lactobacillus plantarum</i> extracellular encrypted peptide STp. Molecular Nutrition and Food Research, 2014, 58, 1132-1143.	1.5	56
89	One-year calorie restriction impacts gut microbial composition but not its metabolic performance in obese adolescents. Environmental Microbiology, 2017, 19, 1536-1551.	1.8	54
90	Exopolysaccharide-producing Bifidobacterium animalis subsp. lactis strains and their polymers elicit different responses on immune cells from blood and gut associated lymphoid tissue. Anaerobe, 2014, 26, 24-30.	1.0	53

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91	Eating microRNAs: pharmacological opportunities for cross-kingdom regulation and implications in host gene and gut microbiota modulation. <i>British Journal of Pharmacology</i> , 2021, 178, 2218-2245.	2.7	53
92	Technological and probiotic selection criteria of a bile-adapted <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> strain. <i>International Dairy Journal</i> , 2010, 20, 800-805.	1.5	52
93	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, 2850-2857.	1.4	52
94	HIV infection results in metabolic alterations in the gut microbiota different from those induced by other diseases. <i>Scientific Reports</i> , 2016, 6, 26192.	1.6	50
95	Analysis of tetracycline resistance <i>tet(W)</i> genes and their flanking sequences in intestinal <i>Bifidobacterium</i> species. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 688-693.	1.3	49
96	Molecular Analysis of <i>tet(W)</i> Gene-Mediated Tetracycline Resistance in Dominant Intestinal <i>Bifidobacterium</i> Species from Healthy Humans. <i>Applied and Environmental Microbiology</i> , 2006, 72, 7377-7379.	1.4	48
97	Adaptation of bifidobacteria to the gastrointestinal tract and functional consequences. <i>Pharmacological Research</i> , 2013, 69, 127-136.	3.1	48
98	Assessment of intestinal microbiota of full-term breast-fed infants from two different geographical locations. <i>Early Human Development</i> , 2011, 87, 511-513.	0.8	47
99	Characterization of the bile and gall bladder microbiota of healthy pigs. <i>MicrobiologyOpen</i> , 2014, 3, 937-949.	1.2	46
100	Proteomics of stress response in <i>Bifidobacterium</i> . <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 6905.	3.0	45
101	Extracellular molecular effectors mediating probiotic attributes. <i>FEMS Microbiology Letters</i> , 2014, 359, 1-11.	0.7	45
102	Effect of a Ropy Exopolysaccharide-Producing <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> Strain Orally Administered on DSS-Induced Colitis Mice Model. <i>Frontiers in Microbiology</i> , 2016, 7, 868.	1.5	45
103	Toward improving technological and functional properties of probiotics in foods. <i>Trends in Food Science and Technology</i> , 2012, 26, 56-63.	7.8	44
104	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, 7628-7638.	1.4	44
105	Application of density gradient for the isolation of the fecal microbial stool component and the potential use thereof. <i>Scientific Reports</i> , 2015, 5, 16807.	1.6	44
106	Modulation of the <i>eps</i> -ome transcription of bifidobacteria through simulation of human intestinal environment. <i>FEMS Microbiology Ecology</i> , 2016, 92, f1w056.	1.3	44
107	Intestinal dysbiosis in systemic lupus erythematosus: cause or consequence?. <i>Current Opinion in Rheumatology</i> , 2016, 28, 515-522.	2.0	43
108	Use of anaerobic green fluorescent protein versus green fluorescent protein as reporter in lactic acid bacteria. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 6865-6877.	1.7	42

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109	Phylogenetic classification of ten novel species belonging to the genus <i>Bifidobacterium</i> comprising <i>B. phasianii</i> sp. nov., <i>B. pongonis</i> sp. nov., <i>B. saguiniicoloris</i> sp. nov., <i>B. colobi</i> sp. nov., <i>B. simiiventris</i> sp. nov., <i>B. santillanense</i> sp. nov., <i>B. miconis</i> sp. nov., <i>B. amazonense</i> sp. nov., <i>B. pluvialisilvae</i> sp. nov., and <i>B. miconisargentati</i> sp. nov. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126273.	1.2	42
110	Anaerobic green fluorescent protein as a marker of <i>Bifidobacterium</i> strains. <i>International Journal of Food Microbiology</i> , 2014, 175, 6-13.	2.1	41
111	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, 514-519.	1.0	40
112	Tackling probiotic and gut microbiota functionality through proteomics. <i>Journal of Proteomics</i> , 2016, 147, 28-39.	1.2	40
113	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, 1481.	1.7	40
114	Secondary and Tertiary Structure Changes of Reconstituted LmrA Induced by Nucleotide Binding or Hydrolysis. <i>Journal of Biological Chemistry</i> , 2000, 275, 10962-10967.	1.6	39
115	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
116	Structure and Dynamics of the Membrane-Embedded Domain of LmrA Investigated by Coupling Polarized ATR-FTIR Spectroscopy and ¹ H/ ² H Exchange. <i>Biochemistry</i> , 2001, 40, 11876-11886.	1.2	38
117	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	38
118	<i>Lactobacillus plantarum</i> Extracellular Chitin-Binding Protein and Its Role in the Interaction between Chitin, Caco-2 Cells, and Mucin. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1123-1126.	1.4	38
119	A Single Mutation in the Gene Responsible for the Mucoic Phenotype of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> Confers Surface and Functional Characteristics. <i>Applied and Environmental Microbiology</i> , 2015, 81, 7960-7968.	1.4	38
120	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
121	Selection of a <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> Strain with a Decreased Ability To Produce Acetic Acid. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3338-3342.	1.4	37
122	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
123	Antibiotic resistance genes in food and gut (non-pathogenic) bacteria. Bad genes in good bugs. <i>Frontiers in Microbiology</i> , 2014, 5, 754.	1.5	34
124	Apple pomaces derived from mono-varietal Asturian ciders production are potential source of pectins with appealing functional properties. <i>Carbohydrate Polymers</i> , 2021, 264, 117980.	5.1	32
125	Improved Cloning Vectors for <i>Bifidobacteria</i> , Based on the <i>Bifidobacterium catenulatum</i> pBC1 Replicon. <i>Applied and Environmental Microbiology</i> , 2008, 74, 4656-4665.	1.4	31
126	Bacterial and Eukaryotic Phosphoketolases: Phylogeny, Distribution and Evolution. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2010, 18, 37-51.	1.0	31

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127	A Preliminary Analysis of <i>Bifidobacterium longum</i> Exported Proteins by Two-Dimensional Electrophoresis. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2008, 14, 74-79.	1.0	30
128	Omics for the study of probiotic microorganisms. <i>Food Research International</i> , 2013, 54, 1061-1071.	2.9	30
129	Interaction of Intestinal Microorganisms with the Human Host in the Framework of Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2015, 6, 594.	2.2	30
130	Proteinaceous Molecules Mediating <i>Bifidobacterium</i> -Host Interactions. <i>Frontiers in Microbiology</i> , 2016, 7, 1193.	1.5	30
131	Proteomic profile of extracellular vesicles released by <i>Lactiplantibacillus plantarum</i> BGAN8 and their internalization by non-polarized HT29 cell line. <i>Scientific Reports</i> , 2020, 10, 21829.	1.6	29
132	A bile-inducible membrane protein mediates bifidobacterial bile resistance. <i>Microbial Biotechnology</i> , 2012, 5, 523-535.	2.0	28
133	Polymorphism of <i>Listeria monocytogenes</i> and <i>Listeria innocua</i> strains isolated from short-ripened cheeses. <i>Journal of Applied Microbiology</i> , 1998, 84, 255-262.	1.4	27
134	An Extracellular Serine/Threonine-Rich Protein from <i>Lactobacillus plantarum</i> NCIMB 8826 Is a Novel Aggregation-Promoting Factor with Affinity to Mucin. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6059-6066.	1.4	26
135	Phenolic compounds from red wine and coffee are associated with specific intestinal microorganisms in allergic subjects. <i>Food and Function</i> , 2016, 7, 104-109.	2.1	26
136	Structure-function analysis of multidrug transporters in <i>Lactococcus lactis</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1461, 201-206.	1.4	25
137	Induction of α -L-arabinofuranosidase activity by monomeric carbohydrates in <i>Bifidobacterium longum</i> and ubiquity of encoding genes. <i>Archives of Microbiology</i> , 2007, 187, 145-153.	1.0	24
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