

Abelardo Margolles

List of Publications by Year in descending order

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Version: 2024-02-01

217
papers

18,192
citations

14655

66
h-index

15266

126
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220
all docs

220
docs citations

220
times ranked

17568
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergence of flow cytometry and bacteriology. Current and future applications: a focus on food and clinical microbiology. <i>Critical Reviews in Microbiology</i> , 2023, 49, 556-577.	6.1	3
2	Functional bacterial cultures for dairy applications: Towards improving safety, quality, nutritional and health benefit aspects. <i>Journal of Applied Microbiology</i> , 2022, 133, 212-229.	3.1	13
3	Arabinoxylan and Pectin Metabolism in Crohn's Disease Microbiota: An In Silico Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7093.	4.1	9
4	Prebiotic potential of apple pomace and pectins from different apple varieties: Modulatory effects on key target commensal microbial populations. <i>Food Hydrocolloids</i> , 2022, 133, 107958.	10.7	18
5	Survival Strategies and Metabolic Interactions between <i>Ruminococcus gauvreauii</i> and <i>Ruminococcoides bili</i> , Isolated from Human Bile. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	10
6	Artichoke pectic oligosaccharide characterisation and virtual screening of prebiotic properties using in silico colonic fermentation. <i>Carbohydrate Polymers</i> , 2021, 255, 117367.	10.2	16
7	Methods for Isolation and Recovery of Bifidobacteria. <i>Methods in Molecular Biology</i> , 2021, 2278, 1-12.	0.9	6
8	Precision modification of the human gut microbiota targeting surface-associated proteins. <i>Scientific Reports</i> , 2021, 11, 1270.	3.3	6
9	Interaction of Intestinal Bacteria with Human Rotavirus during Infection in Children. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1010.	4.1	142
10	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.	5.4	53
11	Genetic insights into the dark matter of the mammalian gut microbiota through targeted genome reconstruction. <i>Environmental Microbiology</i> , 2021, 23, 3294-3305.	3.8	5
12	A Machine Learning Approach to Study Glycosidase Activities from Bifidobacterium. <i>Microorganisms</i> , 2021, 9, 1034.	3.6	5
13	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.	10.2	32
14	<i>Ruminococcoides bili</i> gen. nov., sp. nov., a bile-resistant bacterium from human bile with autolytic behavior. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	13
15	Determination of Bile Salt Hydrolase Activity in Bifidobacteria. <i>Methods in Molecular Biology</i> , 2021, 2278, 149-155.	0.9	4
16	Mechanisms of Gut Microbiota Modulation by Food, Probiotics, Prebiotics and More. , 2021, , 84-84.		1
17	Vegetable waste and by-products to feed a healthy gut microbiota: Current evidence, machine learning and computational tools to design novel microbiome-targeted foods. <i>Trends in Food Science and Technology</i> , 2021, 118, 399-417.	15.1	21
18	Phylogenetic classification of ten novel species belonging to the genus Bifidobacterium comprising <i>B. phasiani</i> sp. nov., <i>B. pongonis</i> sp. nov., <i>B. saguiniibicoloris</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.	2.8	42

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19	Functional Characterisation of Bile Metagenome: Study of Metagenomic Dark Matter. <i>Microorganisms</i> , 2021, 9, 2201.	3.6	2
20	Editorial: Role of Bifidobacteria in Human and Animal Health and Biotechnological Applications. <i>Frontiers in Microbiology</i> , 2021, 12, 785664.	3.5	4
21	The extracellular proteins of <i>Lactobacillus acidophilus</i> DSM 20079T display anti-inflammatory effect in both in piglets, healthy human donors and Crohn's Disease patients. <i>Journal of Functional Foods</i> , 2020, 64, 103660.	3.4	6
22	Cell wall hydrolase as a surface-associated protein target for the specific detection of <i>Lactobacillus rhamnosus</i> using flow cytometry. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 59, 102240.	5.6	4
23	Oleanolic acid ameliorates intestinal alterations associated with EAE. <i>Journal of Neuroinflammation</i> , 2020, 17, 363.	7.2	18
24	Valorization of Vegetable Food Waste and By-Products Through Fermentation Processes. <i>Frontiers in Microbiology</i> , 2020, 11, 581997.	3.5	60
25	<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.	3.3	140
26	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.	3.3	29
27	Exopolysaccharide Producing <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> Strains Modify the Intestinal Microbiota and the Plasmatic Cytokine Levels of BALB/c Mice According to the Type of Polymer Synthesized. <i>Frontiers in Microbiology</i> , 2020, 11, 601233.	3.5	5
28	Decoding the Genomic Variability among Members of the <i>Bifidobacterium dentium</i> Species. <i>Microorganisms</i> , 2020, 8, 1720.	3.6	18
29	<i>Bifidobacterium longum</i> subsp. <i>infantis</i> CECT7210 (<i>B. infantis</i> IM-1 [®]) Displays In Vitro Activity against Some Intestinal Pathogens. <i>Nutrients</i> , 2020, 12, 3259.	4.1	13
30	Revisiting the Metabolic Capabilities of <i>Bifidobacterium longum</i> subsp. <i>longum</i> and <i>Bifidobacterium longum</i> subsp. <i>infantis</i> from a Glycoside Hydrolase Perspective. <i>Microorganisms</i> , 2020, 8, 723.	3.6	11
31	Evolutionary development and co-phylogeny of primate-associated bifidobacteria. <i>Environmental Microbiology</i> , 2020, 22, 3375-3393.	3.8	17
32	Computational approach to the systematic prediction of glycolytic abilities: looking into human microbiota. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020, 18, 1-1.	3.0	3
33	The infant gut microbiome as a microbial organ influencing host well-being. <i>Italian Journal of Pediatrics</i> , 2020, 46, 16.	2.6	93
34	In silico and functional analyses of immunomodulatory peptides encrypted in the human gut metaproteome. <i>Journal of Functional Foods</i> , 2020, 70, 103969.	3.4	3
35	Molecules Produced by Probiotics and Intestinal Microorganisms with Immunomodulatory Activity. <i>Nutrients</i> , 2020, 12, 391.	4.1	74
36	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.	4.8	19

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37	In silico Approach for Unveiling the Glycoside Hydrolase Activities in <i>Faecalibacterium prausnitzii</i> Through a Systematic and Integrative Large-Scale Analysis. <i>Frontiers in Microbiology</i> , 2019, 10, 517.	3.5	8
38	The human gallbladder microbiome is related to the physiological state and the biliary metabolic profile. <i>Microbiome</i> , 2019, 7, 100.	11.1	101
39	Abdominal distension after eating lettuce: The role of intestinal gas evaluated in vitro and by abdominal CT imaging. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13703.	3.0	11
40	Filling the gap between collection, transport and storage of the human gut microbiota. <i>Scientific Reports</i> , 2019, 9, 8327.	3.3	18
41	Intestinal Bacteria Interplay With Bile and Cholesterol Metabolism: Implications on Host Physiology. <i>Frontiers in Physiology</i> , 2019, 10, 185.	2.8	171
42	Reply: "Letter to the editor Re: Diaz M., et al. <i>Nutrients</i> 2018, 10, 1481". <i>Nutrients</i> , 2019, 11, 476.	4.1	1
43	Exopolysaccharides synthesized by <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> interact with TLR4 in intestinal epithelial cells. <i>Anaerobe</i> , 2019, 56, 98-101.	2.1	15
44	A Gene Homologous to rRNA Methylase Genes Confers Erythromycin and Clindamycin Resistance in <i>Bifidobacterium breve</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	19
45	Biological Activities and Applications of Bifidobacterial Exopolysaccharides: From the Bacteria and Host Perspective. , 2018, , 177-193.		10
46	Evidence of the In Vitro and In Vivo Immunological Relevance of Bifidobacteria. , 2018, , 295-305.		0
47	Bioactive compounds from regular diet and faecal microbial metabolites. <i>European Journal of Nutrition</i> , 2018, 57, 487-497.	3.9	18
48	Diet: Cause or Consequence of the Microbial Profile of Cholelithiasis Disease?. <i>Nutrients</i> , 2018, 10, 1307.	4.1	16
49	Interactions of Surface Exopolysaccharides From <i>Bifidobacterium</i> and <i>Lactobacillus</i> Within the Intestinal Environment. <i>Frontiers in Microbiology</i> , 2018, 9, 2426.	3.5	170
50	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.	4.1	40
51	The role of gut microbiota in lupus: what we know in 2018?. <i>Expert Review of Clinical Immunology</i> , 2018, 14, 787-792.	3.0	11
52	Bifidobacteria and Their Health-Promoting Effects. , 2018, , 73-98.		13
53	One-year calorie restriction impacts gut microbial composition but not its metabolic performance in obese adolescents. <i>Environmental Microbiology</i> , 2017, 19, 1536-1551.	3.8	54
54	Resequencing the Genome of <i>Bifidobacterium breve</i> Strain CECT7263. <i>Genome Announcements</i> , 2017, 5, .	0.8	1

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55	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, .	6.6	1,118
56	Probiotics, gut microbiota, and their influence on host health and disease. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600240.	3.3	678
57	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.	4.8	95
58	Free Fatty Acids Profiles Are Related to Gut Microbiota Signatures and Short-Chain Fatty Acids. <i>Frontiers in Immunology</i> , 2017, 8, 823.	4.8	75
59	Gene Replacement and Fluorescent Labeling to Study the Functional Role of Exopolysaccharides in <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1405.	3.5	22
60	Bifidobacteria and Their Molecular Communication with the Immune System. <i>Frontiers in Microbiology</i> , 2017, 8, 2345.	3.5	221
61	Bifidobacteria and Their Health-Promoting Effects. <i>Microbiology Spectrum</i> , 2017, 5, .	3.0	266
62	Microbiota and oxidant-antioxidant balance in systemic lupus erythematosus. <i>Nutricion Hospitalaria</i> , 2017, 34, 934-941.	0.3	10
63	Intestinal Short Chain Fatty Acids and their Link with Diet and Human Health. <i>Frontiers in Microbiology</i> , 2016, 7, 185.	3.5	1,443
64	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.	3.5	45
65	Proteinaceous Molecules Mediating <i>Bifidobacterium</i> -Host Interactions. <i>Frontiers in Microbiology</i> , 2016, 7, 1193.	3.5	30
66	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.	4.1	109
67	Evaluation of genetic diversity among strains of the human gut commensal <i>Bifidobacterium adolescentis</i> . <i>Scientific Reports</i> , 2016, 6, 23971.	3.3	97
68	Mediterranean diet and faecal microbiota: a transversal study. <i>Food and Function</i> , 2016, 7, 2347-2356.	4.6	120
69	HIV infection results in metabolic alterations in the gut microbiota different from those induced by other diseases. <i>Scientific Reports</i> , 2016, 6, 26192.	3.3	50
70	Th17 responses and natural IgM antibodies are related to gut microbiota composition in systemic lupus erythematosus patients. <i>Scientific Reports</i> , 2016, 6, 24072.	3.3	188
71	Intestinal dysbiosis in systemic lupus erythematosus: cause or consequence?. <i>Current Opinion in Rheumatology</i> , 2016, 28, 515-522.	4.3	43
72	Dual-coated lactic acid bacteria: an emerging innovative technology in the field of probiotics. <i>Future Microbiology</i> , 2016, 11, 467-475.	2.0	10

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73	Tackling probiotic and gut microbiota functionality through proteomics. Journal of Proteomics, 2016, 147, 28-39.	2.4	40
74	Modulation of the <i>eps</i> -ome transcription of bifidobacteria through simulation of human intestinal environment. FEMS Microbiology Ecology, 2016, 92, fiv056.	2.7	44
75	Phenolic compounds from red wine and coffee are associated with specific intestinal microorganisms in allergic subjects. Food and Function, 2016, 7, 104-109.	4.6	26
76	Allergic Patients with Long-Term Asthma Display Low Levels of Bifidobacterium adolescentis. PLoS ONE, 2016, 11, e0147809.	2.5	90
77	Bifidobacteria exhibit social behavior through carbohydrate resource sharing in the gut. Scientific Reports, 2015, 5, 15782.	3.3	233
78	Application of density gradient for the isolation of the fecal microbial stool component and the potential use thereof. Scientific Reports, 2015, 5, 16807.	3.3	44
79	Association of Polyphenols from Oranges and Apples with Specific Intestinal Microorganisms in Systemic Lupus Erythematosus Patients. Nutrients, 2015, 7, 1301-1317.	4.1	60
80	Interaction of Intestinal Microorganisms with the Human Host in the Framework of Autoimmune Diseases. Frontiers in Immunology, 2015, 6, 594.	4.8	30
81	Molecular Players Involved in the Interaction Between Beneficial Bacteria and the Immune System. Frontiers in Microbiology, 2015, 6, 1285.	3.5	88
82	Occurrence and Diversity of CRISPR-Cas Systems in the Genus Bifidobacterium. PLoS ONE, 2015, 10, e0133661.	2.5	73
83	The Effects of <i>Bifidobacterium breve</i> on Immune Mediators and Proteome of HT29 Cells Monolayers. BioMed Research International, 2015, 2015, 1-6.	1.9	21
84	Human Colon-Derived Soluble Factors Modulate Gut Microbiota Composition. Frontiers in Oncology, 2015, 5, 86.	2.8	5
85	Degenerate PCR primers for detecting putative priming glycosyltransferase genes in Bifidobacterium strains. Beneficial Microbes, 2015, 6, 553-562.	2.4	5
86	Intestinal Microbiota Development in Preterm Neonates and Effect of Perinatal Antibiotics. Journal of Pediatrics, 2015, 166, 538-544.	1.8	329
87	Ranking the impact of human health disorders on gut metabolism: Systemic lupus erythematosus and obesity as study cases. Scientific Reports, 2015, 5, 8310.	3.3	68
88	Use of anaerobic green fluorescent protein versus green fluorescent protein as reporter in lactic acid bacteria. Applied Microbiology and Biotechnology, 2015, 99, 6865-6877.	3.6	42
89	Evidence for cholesterol-lowering activity by Bifidobacterium bifidum PRL2010 through gut microbiota modulation. Applied Microbiology and Biotechnology, 2015, 99, 6813-6829.	3.6	64
90	A Single Mutation in the Gene Responsible for the Mucoid Phenotype of Bifidobacterium animalis subsp. lactis Confers Surface and Functional Characteristics. Applied and Environmental Microbiology, 2015, 81, 7960-7968.	3.1	38

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91	Insights from genomes of representatives of the human gut commensal <i>Bifidobacterium bifidum</i> . Environmental Microbiology, 2015, 17, 2515-2531.	3.8	80
92	Intestinal microbiota in health and disease: Role of bifidobacteria in gut homeostasis. World Journal of Gastroenterology, 2014, 20, 15163.	3.3	390
93	Intestinal Dysbiosis Associated with Systemic Lupus Erythematosus. MBio, 2014, 5, e01548-14.	4.1	500
94	Association of Levels of Antibodies from Patients with Inflammatory Bowel Disease with Extracellular Proteins of Food and Probiotic Bacteria. BioMed Research International, 2014, 2014, 1-8.	1.9	22
95	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.	3.3	56
96	Anaerobic green fluorescent protein as a marker of Bifidobacterium strains. International Journal of Food Microbiology, 2014, 175, 6-13.	4.7	41
97	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.	2.1	53
98	Bifidobacterium bifidum PRL2010 Modulates the Host Innate Immune Response. Applied and Environmental Microbiology, 2014, 80, 730-740.	3.1	67
99	Kefir fermented milk and kefir promote growth of Bifidobacterium bifidum PRL2010 and modulate its gene expression. International Journal of Food Microbiology, 2014, 178, 50-59.	4.7	59
100	Genomic Overview and Biological Functions of Exopolysaccharide Biosynthesis in Bifidobacterium spp. Applied and Environmental Microbiology, 2014, 80, 9-18.	3.1	159
101	Genomic Encyclopedia of Type Strains of the Genus Bifidobacterium. Applied and Environmental Microbiology, 2014, 80, 6290-6302.	3.1	203
102	Extracellular molecular effectors mediating probiotic attributes. FEMS Microbiology Letters, 2014, 359, 1-11.	1.8	45
103	Characterization of the bile and gall bladder microbiota of healthy pigs. MicrobiologyOpen, 2014, 3, 937-949.	3.0	46
104	Antibiotic resistance genes in food and gut (non-pathogenic) bacteria. Bad genes in good bugs. Frontiers in Microbiology, 2014, 5, 754.	3.5	34
105	Role of sortase-dependent pili of <i>Bifidobacterium bifidum</i> PRL2010 in modulating bacterium-host interactions. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11151-11156.	7.1	217
106	Omics for the study of probiotic microorganisms. Food Research International, 2013, 54, 1061-1071.	6.2	30
107	Catabolism of Glucose and Lactose in Bifidobacterium animalis subsp. lactis, Studied by ¹³ C Nuclear Magnetic Resonance. Applied and Environmental Microbiology, 2013, 79, 7628-7638.	3.1	44
108	Adaptation of bifidobacteria to the gastrointestinal tract and functional consequences. Pharmacological Research, 2013, 69, 127-136.	7.1	48

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109	Factors involved in the colonization and survival of bifidobacteria in the gastrointestinal tract. FEMS Microbiology Letters, 2013, 340, 1-10.	1.8	68
110	Co-culture affects protein profile and heat tolerance of <i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i> and <i>Bifidobacterium longum</i> . Food Research International, 2013, 54, 1080-1083.	6.2	5
111	Evaluation of adhesion properties and antibacterial activities of the infant gut commensal <i>Bifidobacterium bifidum</i> PRL2010. Anaerobe, 2013, 21, 9-17.	2.1	67
112	Antibiotic resistance in probiotic bacteria. Frontiers in Microbiology, 2013, 4, 202.	3.5	417
113	Bile resistance mechanisms in <i>Lactobacillus</i> and <i>Bifidobacterium</i> . Frontiers in Microbiology, 2013, 4, 396.	3.5	367
114	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.	1.8	65
115	An Extracellular Serine/Threonine-Rich Protein from <i>Lactobacillus plantarum</i> NCIMB 8826 Is a Novel Aggregation-Promoting Factor with Affinity to Mucin. Applied and Environmental Microbiology, 2013, 79, 6059-6066.	3.1	26
116	Insights into the Ropy Phenotype of the Exopolysaccharide-Producing Strain <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> A1dOxR. Applied and Environmental Microbiology, 2013, 79, 3870-3874.	3.1	19
117	Assessing the Fecal Microbiota: An Optimized Ion Torrent 16S rRNA Gene-Based Analysis Protocol. PLoS ONE, 2013, 8, e68739.	2.5	257
118	Fatty acids intake and immune parameters in the elderly. Nutricion Hospitalaria, 2013, 28, 474-8.	0.3	8
119	Controlled Gene Expression in <i>Bifidobacteria</i> by Use of a Bile-Responsive Element. Applied and Environmental Microbiology, 2012, 78, 581-585.	3.1	17
120	Genome Sequence of the Antarctic Psychrophile Bacterium <i>Planococcus antarcticus</i> DSM 14505. Journal of Bacteriology, 2012, 194, 4465-4465.	2.2	16
121	Molecular Clues To Understand the Aerotolerance Phenotype of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . Applied and Environmental Microbiology, 2012, 78, 644-650.	3.1	39
122	Genome Sequence of <i>Parascardovia denticolens</i> IPLA 20019, Isolated from Human Breast Milk. Journal of Bacteriology, 2012, 194, 4776-4777.	2.2	9
123	Discovering Novel Bile Protection Systems in <i>Bifidobacterium breve</i> UCC2003 through Functional Genomics. Applied and Environmental Microbiology, 2012, 78, 1123-1131.	3.1	58
124	Role of Extracellular Transaldolase from <i>Bifidobacterium bifidum</i> in Mucin Adhesion and Aggregation. Applied and Environmental Microbiology, 2012, 78, 3992-3998.	3.1	109
125	Interaction of <i>Bifidobacterium bifidum</i> LMG13195 with HT29 Cells Influences Regulatory-T-Cell-Associated Chemokine Receptor Expression. Applied and Environmental Microbiology, 2012, 78, 2850-2857.	3.1	52
126	Genome Sequence of the Immunomodulatory Strain <i>Bifidobacterium bifidum</i> LMG 13195. Journal of Bacteriology, 2012, 194, 6997-6997.	2.2	3

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127	Immune Modulation Capability of Exopolysaccharides Synthesised by Lactic Acid Bacteria and Bifidobacteria. Probiotics and Antimicrobial Proteins, 2012, 4, 227-237.	3.9	156
128	Treg-inducing membrane vesicles from Bifidobacterium bifidum LMG13195 as potential adjuvants in immunotherapy. Vaccine, 2012, 30, 825-829.	3.8	69
129	Exopolysaccharide-producing Bifidobacterium strains elicit different in vitro responses upon interaction with human cells. Food Research International, 2012, 46, 99-107.	6.2	102
130	Diversity of Bifidobacteria within the Infant Gut Microbiota. PLoS ONE, 2012, 7, e36957.	2.5	512
131	Toward improving technological and functional properties of probiotics in foods. Trends in Food Science and Technology, 2012, 26, 56-63.	15.1	44
132	Microbiota/Host Crosstalk Biomarkers: Regulatory Response of Human Intestinal Dendritic Cells Exposed to Lactobacillus Extracellular Encrypted Peptide. PLoS ONE, 2012, 7, e36262.	2.5	78
133	Selection of a Bifidobacterium animalis subsp. <i>lactis</i> Strain with a Decreased Ability To Produce Acetic Acid. Applied and Environmental Microbiology, 2012, 78, 3338-3342.	3.1	37
134	Establishment and development of intestinal microbiota in preterm neonates. FEMS Microbiology Ecology, 2012, 79, 763-772.	2.7	365
135	Deep 16S rRNA metagenomics and quantitative PCR analyses of the premature infant fecal microbiota. Anaerobe, 2012, 18, 378-380.	2.1	60
136	A bile-inducible membrane protein mediates bifidobacterial bile resistance. Microbial Biotechnology, 2012, 5, 523-535.	4.2	28
137	Insights into physiological traits of Bifidobacterium animalis subsp. lactis BB-12 through membrane proteome analysis. Journal of Proteomics, 2012, 75, 1190-1200.	2.4	12
138	Bifidobacterium asteroides PRL2011 Genome Analysis Reveals Clues for Colonization of the Insect Gut. PLoS ONE, 2012, 7, e44229.	2.5	123
139	<i>Lactobacillus plantarum</i> Extracellular Chitin-Binding Protein and Its Role in the Interaction between Chitin, Caco-2 Cells, and Mucin. Applied and Environmental Microbiology, 2011, 77, 1123-1126.	3.1	38
140	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. Research in Microbiology, 2011, 162, 514-519.	2.1	40
141	A flagellin-producing Lactococcus strain: interactions with mucin and enteropathogens. FEMS Microbiology Letters, 2011, 318, 101-107.	1.8	24
142	Immune Response to Bifidobacterium bifidum Strains Support Treg/Th17 Plasticity. PLoS ONE, 2011, 6, e24776.	2.5	120
143	Evaluation of the ability of Bifidobacterium longum to metabolize human intestinal mucus. FEMS Microbiology Letters, 2011, 314, 125-130.	1.8	24
144	Human cecum content modulates production of extracellular proteins by food and probiotic bacteria. FEMS Microbiology Letters, 2011, 324, 189-194.	1.8	10

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145	Assessment of intestinal microbiota of full-term breast-fed infants from two different geographical locations. <i>Early Human Development</i> , 2011, 87, 511-513.	1.8	47
146	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.	4.7	109
147	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.	4.7	108
148	Structure of the high molecular weight exopolysaccharide produced by <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> IPLA-R1 and sequence analysis of its putative eps cluster. <i>Carbohydrate Research</i> , 2011, 346, 2710-2717.	2.3	59
149	How do bifidobacteria counteract environmental challenges? Mechanisms involved and physiological consequences. <i>Genes and Nutrition</i> , 2011, 6, 307-318.	2.5	94
150	Stress Responses of <i>Bifidobacteria</i> . , 2011, , 323-347.		3
151	Establishment and development of lactic acid bacteria and bifidobacteria microbiota in breast-milk and the infant gut. <i>Anaerobe</i> , 2010, 16, 307-310.	2.1	271
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