

Lorenzo Morelli

List of Publications by Citations

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130
papers

11,987
citations

51
h-index

109
g-index

136
ext. papers

14,039
ext. citations

4.6
avg, IF

6.08
L-index

#	Paper	IF	Citations
130	Expert consensus document. The International Scientific Association for Probiotics and Prebiotics consensus statement on the scope and appropriate use of the term probiotic. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014 , 11, 506-14	24.2	3614
129	Demonstration of safety of probiotics -- a review. <i>International Journal of Food Microbiology</i> , 1998 , 44, 93-106	5.8	578
128	Development and application of an in vitro methodology to determine the transit tolerance of potentially probiotic Lactobacillus and Bifidobacterium species in the upper human gastrointestinal tract. <i>Journal of Applied Microbiology</i> , 1998 , 84, 759-68	4.7	513
127	Mode of delivery affects the bacterial community in the newborn gut. <i>Early Human Development</i> , 2010 , 86 Suppl 1, 13-5	2.2	377
126	Therapy with gastric acidity inhibitors increases the risk of acute gastroenteritis and community-acquired pneumonia in children. <i>Pediatrics</i> , 2006 , 117, e817-20	7.4	296
125	Antibiotic susceptibility of potentially probiotic Lactobacillus species. <i>Journal of Food Protection</i> , 1998 , 61, 1636-43	2.5	292
124	Cesarean delivery may affect the early biodiversity of intestinal bacteria. <i>Journal of Nutrition</i> , 2008 , 138, 1796S-1800S	4.1	277
123	In vitro and in vivo survival and transit tolerance of potentially probiotic strains carried by artichokes in the gastrointestinal tract. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 3042-5	4.8	276
122	Sporeformers as Human Probiotics: Bacillus, Sporolactobacillus, and Brevibacillus. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2003 , 2, 101-110	16.4	228
121	FAO Technical meeting on prebiotics. <i>Journal of Clinical Gastroenterology</i> , 2008 , 42 Suppl 3 Pt 2, S156-9	3	225
120	Should yoghurt cultures be considered probiotic?. <i>British Journal of Nutrition</i> , 2005 , 93, 783-6	3.6	209
119	Probiotics and health: an evidence-based review. <i>Pharmacological Research</i> , 2011 , 63, 366-76	10.2	184
118	Probiotics for prevention of atopic diseases in infants: systematic review and meta-analysis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 1356-71	9.3	177
117	Bacterial diversity in typical Italian salami at different ripening stages as revealed by high-throughput sequencing of 16S rRNA amplicons. <i>Food Microbiology</i> , 2015 , 46, 342-356	6	157
116	The first prebiotics in humans: human milk oligosaccharides. <i>Journal of Clinical Gastroenterology</i> , 2004 , 38, S80-3	3	153
115	FAO/WHO guidelines on probiotics: 10 years later. <i>Journal of Clinical Gastroenterology</i> , 2012 , 46 Suppl, S1-2	3	146
114	Health benefits and health claims of probiotics: bridging science and marketing. <i>British Journal of Nutrition</i> , 2011 , 106, 1291-6	3.6	141

113	Study of adhesion and survival of lactobacilli and bifidobacteria on table olives with the aim of formulating a new probiotic food. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 4233-40	4.8	133
112	Selective detection, enumeration and identification of potentially probiotic Lactobacillus and Bifidobacterium species in mixed bacterial populations. <i>International Journal of Food Microbiology</i> , 1997 , 35, 1-27	5.8	127
111	Postnatal development of intestinal microflora as influenced by infant nutrition. <i>Journal of Nutrition</i> , 2008 , 138, 1791S-1795S	4.1	125
110	A randomized double-blind trial on perioperative administration of probiotics in colorectal cancer patients. <i>World Journal of Gastroenterology</i> , 2010 , 16, 167-75	5.6	122
109	Survival of yogurt bacteria in the human gut. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 5113-7	4.8	117
108	High frequency of conjugation in Lactobacillus mediated by an aggregation-promoting factor. <i>Journal of General Microbiology</i> , 1992 , 138, 763-768		103
107	Probiotics: from research to consumer. <i>Digestive and Liver Disease</i> , 2006 , 38 Suppl 2, S248-55	3.3	102
106	Drug resistance plasmids in Lactobacillus acidophilus and Lactobacillus reuteri. <i>Applied and Environmental Microbiology</i> , 1982 , 43, 50-6	4.8	94
105	In vitro assessment of probiotic bacteria: From survival to functionality. <i>International Dairy Journal</i> , 2007 , 17, 1278-1283	3.5	86
104	Utilization of the intestinal tract as a delivery system for urogenital probiotics. <i>Journal of Clinical Gastroenterology</i> , 2004 , 38, S107-10	3	86
103	Adhesion studies for probiotics: need for validation and refinement. <i>Trends in Food Science and Technology</i> , 1999 , 10, 405-410	15.3	82
102	On the fate of ingested Bacillus spores. <i>Research in Microbiology</i> , 2000 , 151, 361-8	4	80
101	Lactobacillus crispatus and its nonaggregating mutant in human colonization trials. <i>Journal of Dairy Science</i> , 2001 , 84, 1001-10	4	80
100	Gradient diffusion antibiotic susceptibility testing of potentially probiotic lactobacilli. <i>Journal of Food Protection</i> , 2001 , 64, 2007-14	2.5	80
99	Probiotics for prevention of necrotizing enterocolitis in preterm infants: systematic review and meta-analysis. <i>Italian Journal of Pediatrics</i> , 2015 , 41, 89	3.2	79
98	Oligosaccharides in 4 different milk groups, Bifidobacteria, and Ruminococcus obeum. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011 , 53, 80-7	2.8	76
97	Antibiotic susceptibility of potentially probiotic Bifidobacterium isolates from the human gastrointestinal tract. <i>Letters in Applied Microbiology</i> , 1998 , 26, 333-7	2.9	74
96	Lactobacillus crispatus M247-derived H2O2 acts as a signal transducing molecule activating peroxisome proliferator activated receptor-gamma in the intestinal mucosa. <i>Gastroenterology</i> , 2008 , 135, 1216-27	13.3	73

95	Aggregating phenotype in <i>Lactobacillus crispatus</i> determines intestinal colonization and TLR2 and TLR4 modulation in murine colonic mucosa. <i>Vaccine Journal</i> , 2007 , 14, 1138-48		73
94	Probiotics and antibiotic-associated diarrhea in children: A review and new evidence on <i>Lactobacillus rhamnosus</i> GG during and after antibiotic treatment. <i>Pharmacological Research</i> , 2018 , 128, 63-72	10.2	71
93	Probiotics: towards demonstrating efficacy. <i>Trends in Food Science and Technology</i> , 1999 , 10, 393-399	15.3	71
92	Rapid amplified ribosomal DNA restriction analysis (ARDRA) identification of <i>Lactobacillus</i> spp. isolated from fecal and vaginal samples. <i>Systematic and Applied Microbiology</i> , 2000 , 23, 504-9	4.2	64
91	Conjugal Transfer of Broad-Host-Range Plasmid pAMbeta1 into Enteric Species of Lactic Acid Bacteria. <i>Applied and Environmental Microbiology</i> , 1983 , 46, 753-5	4.8	63
90	Erythromycin- and tetracycline-resistant lactobacilli in Italian fermented dry sausages. <i>Journal of Applied Microbiology</i> , 2009 , 107, 1559-68	4.7	61
89	Susceptibility to tetracycline and erythromycin of <i>Lactobacillus paracasei</i> strains isolated from traditional Italian fermented foods. <i>International Journal of Food Microbiology</i> , 2010 , 138, 151-6	5.8	61
88	The administration of probiotics and synbiotics in immune compromised adults: is it safe?. <i>Beneficial Microbes</i> , 2015 , 6, 3-17	4.9	59
87	In vivo transfer of pAM beta 1 from <i>Lactobacillus reuteri</i> to <i>Enterococcus faecalis</i> . <i>Journal of Applied Bacteriology</i> , 1988 , 65, 371-5		59
86	Ingredient selection criteria for probiotic microorganisms in functional dairy foods. <i>International Journal of Dairy Technology</i> , 1998 , 51, 123-136	3.7	58
85	Impact of antibiotics on the gut microbiota of critically ill patients. <i>Journal of Medical Microbiology</i> , 2008 , 57, 1007-1014	3.2	58
84	Beneficial effect of auto-aggregating <i>Lactobacillus crispatus</i> on experimentally induced colitis in mice. <i>FEMS Immunology and Medical Microbiology</i> , 2005 , 43, 197-204		58
83	In vitro selection of probiotic lactobacilli: a critical appraisal. <i>Current Issues in Intestinal Microbiology</i> , 2000 , 1, 59-67		58
82	Modulation of the gut microbiota composition by rifaximin in non-constipated irritable bowel syndrome patients: a molecular approach. <i>Clinical and Experimental Gastroenterology</i> , 2015 , 8, 309-25	3.1	53
81	Human milk and infant intestinal mucosal glycans guide succession of the neonatal intestinal microbiota. <i>Pediatric Research</i> , 2015 , 77, 115-20	3.2	51
80	Probiotic and synbiotic safety in infants under two years of age. <i>Beneficial Microbes</i> , 2014 , 5, 45-60	4.9	51
79	Probiotics Prevent Late-Onset Sepsis in Human Milk-Fed, Very Low Birth Weight Preterm Infants: Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2017 , 9,	6.7	51
78	Transfer of plasmid-mediated resistance to tetracycline in pathogenic bacteria from fish and aquaculture environments. <i>FEMS Microbiology Letters</i> , 2009 , 293, 28-34	2.9	51

77	Infant Early Gut Colonization by Lachnospiraceae: High Frequency of Ruminococcus gnavus. <i>Frontiers in Pediatrics</i> , 2016 , 4, 57	3.4	48
76	Safety of probiotics and synbiotics in children under 18 years of age. <i>Beneficial Microbes</i> , 2015 , 6, 615-304.9	4.9	45
75	Lactobacillus protoplast transformation. <i>Plasmid</i> , 1987 , 17, 73-5	3.3	45
74	Yogurt, living cultures, and gut health. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 1248S-50S	7	44
73	V. Functions of S-layers. <i>FEMS Microbiology Reviews</i> , 1997 , 20, 99-149	15.1	44
72	Assessment of a new synbiotic preparation in healthy volunteers: survival, persistence of probiotic strains and its effect on the indigenous flora. <i>Nutrition Journal</i> , 2003 , 2, 11	4.3	44
71	Gut microbiota profile in systemic sclerosis patients with and without clinical evidence of gastrointestinal involvement. <i>Scientific Reports</i> , 2017 , 7, 14874	4.9	42
70	Progress in the science of probiotics: from cellular microbiology and applied immunology to clinical nutrition. <i>European Journal of Nutrition</i> , 2006 , 45, 1-18	5.2	42
69	Effect of conjugated bile salts on antibiotic susceptibility of bile salt-tolerant Lactobacillus and Bifidobacterium isolates. <i>Journal of Food Protection</i> , 2000 , 63, 1369-76	2.5	40
68	Growth requirements of Lactobacillus johnsonii in skim and UHT milk. <i>International Dairy Journal</i> , 1999 , 9, 507-513	3.5	40
67	Updated bioavailability and 48h excretion profile of flavan-3-ols from green tea in humans. <i>International Journal of Food Sciences and Nutrition</i> , 2012 , 63, 513-21	3.7	39
66	Gastrointestinal Hormones, Intestinal Microbiota and Metabolic Homeostasis in Obese Patients: Effect of Bariatric Surgery. <i>In Vivo</i> , 2016 , 30, 321-30	2.3	38
65	Probiotic properties of vaginal lactic acid bacteria to prevent metritis in cattle. <i>Letters in Applied Microbiology</i> , 2006 , 43, 91-7	2.9	37
64	Susceptibility of Streptococcus thermophilus to antibiotics. <i>Antonie Van Leeuwenhoek</i> , 2007 , 92, 21-8	2.1	36
63	Molecular characterization of Lactobacillus casei strains. <i>FEMS Microbiology Letters</i> , 1996 , 140, 215-219	2.9	32
62	Effect of Bifidobacterium animalis subsp lactis supplementation in preterm infants: a systematic review of randomized controlled trials. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010 , 51, 203-9	2.8	31
61	Detailed analyses of the bacterial populations in processed cocoa beans of different geographic origin, subject to varied fermentation conditions. <i>International Journal of Food Microbiology</i> , 2016 , 236, 98-106	5.8	30
60	Changes of gut microbiota and immune markers during the complementary feeding period in healthy breast-fed infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2006 , 42, 488-95	2.8	30

59	Intergeneric protoplast fusion in lactic acid bacteria. <i>FEMS Microbiology Letters</i> , 1986 , 35, 211-214	2.9	30
58	Development of a PCR assay for the strain-specific identification of probiotic strain <i>Lactobacillus paracasei</i> IMPC2.1. <i>International Journal of Food Microbiology</i> , 2009 , 136, 59-65	5.8	29
57	Susceptibility of <i>Lactobacillus plantarum</i> strains to six antibiotics and definition of new susceptibility-resistance cutoff values. <i>Microbial Drug Resistance</i> , 2006 , 12, 252-6	2.9	29
56	Effects of geographic area, feedstock, temperature, and operating time on microbial communities of six full-scale biogas plants. <i>Bioresource Technology</i> , 2016 , 218, 980-90	11	28
55	The aggregation-promoting factor of <i>Lactobacillus crispatus</i> M247 and its genetic locus. <i>Journal of Applied Microbiology</i> , 2004 , 97, 749-56	4.7	27
54	Aggregation-promoting factor in pig intestinal <i>Lactobacillus</i> strains. <i>Letters in Applied Microbiology</i> , 1995 , 21, 351-3	2.9	26
53	Proteomic investigation of the aggregation phenomenon in <i>Lactobacillus crispatus</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008 , 1784, 335-42	4	24
52	Quality control <i>Lactobacillus</i> strains for use with the API 50CH and API ZYM systems at 37 degrees C. <i>Journal of Basic Microbiology</i> , 2001 , 41, 241-51	2.7	24
51	Symbiotic formulation in experimentally induced liver fibrosis in rats: intestinal microbiota as a key point to treat liver damage?. <i>Liver International</i> , 2013 , 33, 687-97	7.9	23
50	Molecular characterization of intestinal microbiota in infants fed with soymilk. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010 , 51, 71-6	2.8	22
49	Edible table (bio)spread containing potentially probiotic <i>Lactobacillus</i> and <i>Bifidobacterium</i> species. <i>International Journal of Dairy Technology</i> , 2002 , 55, 44-56	3.7	22
48	Single-stranded DNA plasmid, vector construction and cloning of <i>Bacillus stearothermophilus</i> alpha-amylase in <i>Lactobacillus</i> . <i>Research in Microbiology</i> , 1991 , 142, 643-52	4	22
47	Fast and slow milk-coagulating variants of <i>Lactobacillus helveticus</i> HLM 1. <i>Canadian Journal of Microbiology</i> , 1986 , 32, 758-60	3.2	21
46	Taxonomic <i>Lactobacillus</i> Composition of Feces from Human Newborns during the First Few Days. <i>Microbial Ecology</i> , 1998 , 35, 205-12	4.4	20
45	In vivo association to human colon of <i>Lactobacillus paracasei</i> B21060: map from biopsies. <i>Digestive and Liver Disease</i> , 2006 , 38, 894-8	3.3	20
44	Characterisation of potentially probiotic vaginal lactobacilli isolated from Argentinean women. <i>British Journal of Biomedical Science</i> , 2005 , 62, 170-4	1.6	20
43	High-throughput assessment of bacterial ecology in hog, cow and ovine casings used in sausages production. <i>International Journal of Food Microbiology</i> , 2015 , 212, 49-59	5.8	18
42	Protoplast formation, regeneration and plasmid curing in <i>Lactobacillus reuteri</i> . <i>FEMS Microbiology Letters</i> , 1984 , 23, 333-334	2.9	18

41	Phenotypic variability among cells of <i>Lactobacillus helveticus</i> ATCC 15807. <i>International Dairy Journal</i> , 1995 , 5, 97-103	3.5	17
40	An in vitro protocol for direct isolation of potential probiotic lactobacilli from raw bovine milk and traditional fermented milks. <i>Applied Microbiology and Biotechnology</i> , 2011 , 90, 331-42	5.7	16
39	In vitro sensitivity of probiotics to human pancreatic juice. <i>Journal of Clinical Gastroenterology</i> , 2008 , 42 Suppl 3 Pt 2, S170-3	3	16
38	Microbiological and molecular characterization of commercially available probiotics containing <i>Bacillus clausii</i> from India and Pakistan. <i>International Journal of Food Microbiology</i> , 2016 , 237, 92-97	5.8	15
37	Abundance and Diversity of Hydrogenotrophic Microorganisms in the Infant Gut before the Weaning Period Assessed by Denaturing Gradient Gel Electrophoresis and Quantitative PCR. <i>Frontiers in Nutrition</i> , 2017 , 4, 29	6.2	13
36	Genotypic and phenotypic correlations among some strains of <i>Lactobacillus helveticus</i> . <i>Biotechnology Letters</i> , 1990 , 12, 765-770	3	12
35	Sequence and functional analysis of a divergent promoter from a cryptic plasmid of <i>Lactobacillus acidophilus</i> 168 S. <i>Plasmid</i> , 1987 , 17, 69-72	3.3	12
34	Genetic analysis of the replication region of the <i>Lactobacillus</i> plasmid vector pPSC22. <i>Research in Microbiology</i> , 1996 , 147, 619-24	4	11
33	Ecology of antibiotic resistant coagulase-negative staphylococci isolated from the production chain of a typical Italian salami. <i>Food Control</i> , 2015 , 53, 14-22	6.2	10
32	Probiotics: clinics and/or nutrition. <i>Digestive and Liver Disease</i> , 2002 , 34 Suppl 2, S8-11	3.3	10
31	Genetic stability of <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> F19. <i>Microbial Ecology in Health and Disease</i> , 2002 , 14, 14-16		9
30	Antibacterial activity associated with <i>Lactobacillus gasseri</i> ATCC 9857 from the human female genitourinary tract. <i>World Journal of Microbiology and Biotechnology</i> , 2001 , 17, 615-625	4.4	9
29	Microbiological Assessment of the Quality of Some Commercial Products Marketed as -Containing Probiotic Dietary Supplements. <i>Microorganisms</i> , 2019 , 7,	4.9	7
28	Screening and construction of probiotic strains with enhanced protective properties against intestinal disorders. <i>Microbial Ecology in Health and Disease</i> , 2004 , 16, 86-95		7
27	Therapeutic Effect of Bifidobacterium Administration on Experimental Autoimmune Myasthenia Gravis in Lewis Rats. <i>Frontiers in Immunology</i> , 2019 , 10, 2949	8.4	7
26	Detection of permanent <i>Lactobacillus casei</i> subsp. <i>casei</i> strains in weaned infants Sgut. <i>Letters in Applied Microbiology</i> , 1991 , 13, 3-6	2.9	6
25	In vitro sensitivity of probiotics to human bile. <i>Digestive and Liver Disease</i> , 2006 , 38, S130	3.3	5
24	Strain typing among enterococci isolated from home-made Pecorino Sardo cheese		5

23	The Biotherapeutic Potential of Characterized Using a Target-Specific Selection Process. <i>Frontiers in Microbiology</i> , 2020 , 11, 532	5.7	4
22	Research interactions between academia and food companies: how to improve transparency and credibility of an inevitable liaison. <i>European Journal of Nutrition</i> , 2018 , 57, 1269-1273	5.2	3
21	Probiotics: Definition and Taxonomy 10 Years after the FAO/WHO Guidelines. <i>World Review of Nutrition and Dietetics</i> , 2013 , 1-8	0.2	3
20	In vitro sensitivity of probiotics to human gastric juice. <i>Digestive and Liver Disease</i> , 2006 , 38, S134	3.3	3
19	Specific detection of a probiotic Lactobacillus strain in faecal samples by using multiplex PCR		3
18	Integrated Phenotypic-Genotypic Analysis of Candidate Probiotic Weissella Cibaria Strains Isolated from Dairy Cows in Kuwait. <i>Probiotics and Antimicrobial Proteins</i> , 2021 , 13, 809-823	5.5	3
17	Prebiotics, Probiotics, and Synbiotics: A Bifidobacterial View 2018 , 271-293		2
16	Probiotics and European Food Safety Authority health claims. <i>Journal of Clinical Gastroenterology</i> , 2010 , 44 Suppl 1, S1	3	2
15	The microbiological risk. <i>Nestle Nutrition Workshop Series Paediatric Programme</i> , 2007 , 60, 79-90		2
14	Phenotypic and Genotypic Investigation of Two Representative Strains of Microbacterium Species Isolated From Micro-Filtered Milk: Growth Capacity and Spoilage-Potential Assessment. <i>Frontiers in Microbiology</i> , 2020 , 11, 554178	5.7	2
13	Small intestine microflora after intestinal/multivisceral transplantation: preliminary results. <i>Transplantation Proceedings</i> , 2002 , 34, 953-4	1.1	1
12	Purification of Lactobacillus secreted proteins. <i>Biotechnology Letters</i> , 1993 , 7, 401-406		1
11	Taxonomy and Biology of Probiotics 2005 , 67-90		1
10	A critical evaluation of the factors affecting the survival and persistence of beneficial bacteria in healthy adults. <i>Beneficial Microbes</i> , 2021 , 12, 15-25	4.9	1
9	Food for Healthy Living and Active Ageing. <i>Studies in Health Technology and Informatics</i> , 2014 , 203, 32-43.5		1
8	The Effect of Diet and Probiotics on the Human Gut Microbiome 2015 , 35-45		
7	Probiotic Microorganisms for Shaping the Human Gut Microbiota [Mechanisms and Efficacy into the Future 2015 , 27-40		
6	Bacteria in Yogurt and Strain-Dependent Effects on Gut Health 2017 , 395-410		

- 5 Characterization of a K⁺-ATPase from *Lactobacillus helveticus* ATCC 15009. *Archives of Microbiology*, **1997**, 168, 205-209 3
- 4 YOGURT Dead or ALIVE?. *Microbial Ecology in Health and Disease*, **2003**, 15, 88-93
- 3 Effect of NaCl and ripening time on spore germination by measuring the hydrogen production of *Clostridium tyrobutyricum* UC7086 in a hard cheese model. *International Dairy Journal*, **2021**, 126, 105263-5
- 2 Probiotics and Health Claims: Hurdles for New Applications? 283-302
- 1 Regulatory Considerations for the Use and Marketing of Probiotics and Functional Foods **2016**, 1-15