

# Leonides Fernández

## List of Publications by Year in descending order

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104  
papers

8,567  
citations

53660

45  
h-index

43802

91  
g-index

106  
all docs

106  
docs citations

106  
times ranked

6680  
citing authors

#	ARTICLE	IF	CITATIONS
1	Is meconium from healthy newborns actually sterile?. <i>Research in Microbiology</i> , 2008, 159, 187-193.	1.0	766
2	Human milk is a source of lactic acid bacteria for the infant gut. <i>Journal of Pediatrics</i> , 2003, 143, 754-758.	0.9	678
3	The human milk microbiota: Origin and potential roles in health and disease. <i>Pharmacological Research</i> , 2013, 69, 1-10.	3.1	648
4	Isolation of Commensal Bacteria from Umbilical Cord Blood of Healthy Neonates Born by Cesarean Section. <i>Current Microbiology</i> , 2005, 51, 270-274.	1.0	551
5	Isolation of Bifidobacteria from Breast Milk and Assessment of the Bifidobacterial Population by PCR-Denaturing Gradient Gel Electrophoresis and Quantitative Real-Time PCR. <i>Applied and Environmental Microbiology</i> , 2009, 75, 965-969.	1.4	357
6	Treatment of Infectious Mastitis during Lactation: Antibiotics versus Oral Administration of Lactobacilli Isolated from Breast Milk. <i>Clinical Infectious Diseases</i> , 2010, 50, 1551-1558.	2.9	315
7	Bacterial Diversity in Meconium of Preterm Neonates and Evolution of Their Fecal Microbiota during the First Month of Life. <i>PLoS ONE</i> , 2013, 8, e66986.	1.1	315
8	Human milk: a source of more life than we imagine. <i>Beneficial Microbes</i> , 2013, 4, 17-30.	1.0	293
9	Sharing of Bacterial Strains Between Breast Milk and Infant Feces. <i>Journal of Human Lactation</i> , 2012, 28, 36-44.	0.8	269
10	Probiotic Potential of 3 Lactobacilli Strains Isolated From Breast Milk. <i>Journal of Human Lactation</i> , 2005, 21, 8-17.	0.8	229
11	Cultivation-independent assessment of the bacterial diversity of breast milk among healthy women. <i>Research in Microbiology</i> , 2007, 158, 31-37.	1.0	221
12	Oral Administration of <i>Lactobacillus</i> Strains Isolated from Breast Milk as an Alternative for the Treatment of Infectious Mastitis during Lactation. <i>Applied and Environmental Microbiology</i> , 2008, 74, 4650-4655.	1.4	203
13	Metagenomic Analysis of Milk of Healthy and Mastitis-Suffering Women. <i>Journal of Human Lactation</i> , 2015, 31, 406-415.	0.8	202
14	Lactobacilli and Bifidobacteria in Human Breast Milk. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2014, 59, 78-88.	0.9	199
15	The commensal microflora of human milk: new perspectives for food bacteriotherapy and probiotics. <i>Trends in Food Science and Technology</i> , 2004, 15, 121-127.	7.8	193
16	<i>Lactobacillus salivarius</i> CECT 5713, a potential probiotic strain isolated from infant feces and breast milk of a mother-child pair. <i>International Journal of Food Microbiology</i> , 2006, 112, 35-43.	2.1	132
17	<i>Staphylococcus epidermidis</i> : A differential trait of the fecal microbiota of breast-fed infants. <i>BMC Microbiology</i> , 2008, 8, 143.	1.3	131
18	<i>Staphylococcus epidermidis</i> strains isolated from breast milk of women suffering infectious mastitis: potential virulence traits and resistance to antibiotics. <i>BMC Microbiology</i> , 2009, 9, 82.	1.3	113

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19	Prevention of Infectious Mastitis by Oral Administration of <i>Lactobacillus salivarius</i> PS2 During Late Pregnancy. <i>Clinical Infectious Diseases</i> , 2016, 62, 568-573.	2.9	112
20	Characterization of a reuterin-producing <i>Lactobacillus coryniformis</i> strain isolated from a goat's milk cheese. <i>International Journal of Food Microbiology</i> , 2005, 104, 267-277.	2.1	93
21	The Bacteriocin Nisin, an Effective Agent for the Treatment of Staphylococcal Mastitis During Lactation. <i>Journal of Human Lactation</i> , 2008, 24, 311-316.	0.8	92
22	Breast Milk and Gut Microbiota in African Mothers and Infants from an Area of High HIV Prevalence. <i>PLoS ONE</i> , 2013, 8, e80299.	1.1	84
23	Assessment of the bacterial diversity of human colostrum and screening of staphylococcal and enterococcal populations for potential virulence factors. <i>Research in Microbiology</i> , 2008, 159, 595-601.	1.0	80
24	Cloning, Characterization, Controlled Overexpression, and Inactivation of the Major Tributyrin Esterase Gene of <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 2000, 66, 1360-1368.	1.4	78
25	Probiotics for human lactational mastitis. <i>Beneficial Microbes</i> , 2014, 5, 169-183.	1.0	71
26	Gene replacement in <i>Lactobacillus helveticus</i> . <i>Journal of Bacteriology</i> , 1993, 175, 6341-6344.	1.0	68
27	Cold Storage of Human Milk: Effect on Its Bacterial Composition. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009, 49, 343-348.	0.9	68
28	Physiological Translocation of Lactic Acid Bacteria during Pregnancy Contributes to the Composition of the Milk Microbiota in Mice. <i>Nutrients</i> , 2018, 10, 14.	1.7	65
29	The Microbiota of the Human Mammary Ecosystem. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 586667.	1.8	65
30	Microbial Diversity in Milk of Women With Mastitis: Potential Role of Coagulase-Negative Staphylococci, Viridans Group Streptococci, and Corynebacteria. <i>Journal of Human Lactation</i> , 2017, 33, 309-318.	0.8	64
31	Screening of Virulence Determinants in <i>Enterococcus faecium</i> Strains Isolated From Breast Milk. <i>Journal of Human Lactation</i> , 2005, 21, 131-137.	0.8	59
32	Characterization of <i>Staphylococcus aureus</i> strains involved in human and bovine mastitis. <i>FEMS Immunology and Medical Microbiology</i> , 2011, 62, 225-235.	2.7	59
33	Antibiotic resistance, virulence determinants and production of biogenic amines among enterococci from ovine, feline, canine, porcine and human milk. <i>BMC Microbiology</i> , 2013, 13, 288.	1.3	58
34	Preterm infant gut colonization in the neonatal ICU and complete restoration 2 years later. <i>Clinical Microbiology and Infection</i> , 2015, 21, 936.e1-936.e10.	2.8	57
35	Complete Genome Sequence of <i>Lactobacillus salivarius</i> CECT 5713, a Probiotic Strain Isolated from Human Milk and Infant Feces. <i>Journal of Bacteriology</i> , 2010, 192, 5266-5267.	1.0	56
36	Inhibition of Human Immunodeficiency Virus Type 1 by Lactic Acid Bacteria from Human Breastmilk. <i>Breastfeeding Medicine</i> , 2010, 5, 153-158.	0.8	56

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37	Relationships between the genome and some phenotypical properties of <i>Lactobacillus fermentum</i> CECT 5716, a probiotic strain isolated from human milk. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4343-4353.	1.7	55
38	Characterization of the <i>Lactobacillus helveticus</i> CNRZ32 pepC gene. <i>Applied and Environmental Microbiology</i> , 1994, 60, 333-336.	1.4	54
39	Mammary candidiasis: A medical condition without scientific evidence?. <i>PLoS ONE</i> , 2017, 12, e0181071.	1.1	52
40	The Gut-Breast Axis: Programming Health for Life. <i>Nutrients</i> , 2021, 13, 606.	1.7	52
41	Effect of HTST and Holder Pasteurization on the Concentration of Immunoglobulins, Growth Factors, and Hormones in Donor Human Milk. <i>Frontiers in Immunology</i> , 2018, 9, 2222.	2.2	50
42	Bacteriological, Biochemical, and Immunological Modifications in Human Colostrum After Holder Pasteurisation. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013, 56, 560-568.	0.9	49
43	Identification of Emerging Human Mastitis Pathogens by MALDI-TOF and Assessment of Their Antibiotic Resistance Patterns. <i>Frontiers in Microbiology</i> , 2017, 8, 1258.	1.5	49
44	Isolation of lactobacilli from sow milk and evaluation of their probiotic potential. <i>Journal of Dairy Research</i> , 2009, 76, 418-425.	0.7	48
45	Complete Genome Sequence of <i>Lactobacillus fermentum</i> CECT 5716, a Probiotic Strain Isolated from Human Milk. <i>Journal of Bacteriology</i> , 2010, 192, 4800-4800.	1.0	48
46	Rectal and Vaginal Eradication of <i>Streptococcus agalactiae</i> (GBS) in Pregnant Women by Using <i>Lactobacillus salivarius</i> CECT 9145, A Target-specific Probiotic Strain. <i>Nutrients</i> , 2019, 11, 810.	1.7	48
47	High-Temperature Short-Time Pasteurization System for Donor Milk in a Human Milk Bank Setting. <i>Frontiers in Microbiology</i> , 2018, 9, 926.	1.5	47
48	Human Milk Microbiome and Maternal Postnatal Psychosocial Distress. <i>Frontiers in Microbiology</i> , 2019, 10, 2333.	1.5	47
49	Pyoverdine-doped sol-gel glass for the spectrofluorimetric determination of iron(III). <i>Analyst</i> , 1995, 120, 431-435.	1.7	46
50	Bacteriological, Biochemical, and Immunological Properties of Colostrum and Mature Milk From Mothers of Extremely Preterm Infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 60, 120-126.	0.9	43
51	Case-control study of risk factors for infectious mastitis in Spanish breastfeeding women. <i>BMC Pregnancy and Childbirth</i> , 2014, 14, 195.	0.9	42
52	Heating-induced Bacteriological and Biochemical Modifications in Human Donor Milk After Holder Pasteurisation. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 54, 197-203.	0.9	41
53	Identification and evaluation of the probiotic potential of lactobacilli isolated from canine milk. <i>Veterinary Journal</i> , 2010, 185, 193-198.	0.6	40
54	Human milk cortisol and immune factors over the first three postnatal months: Relations to maternal psychosocial distress. <i>PLoS ONE</i> , 2020, 15, e0233554.	1.1	37

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55	Milk and blood biomarkers associated to the clinical efficacy of a probiotic for the treatment of infectious mastitis. <i>Beneficial Microbes</i> , 2016, 7, 305-318.	1.0	36
56	Development of a Potential Probiotic Fresh Cheese Using Two <i>Lactobacillus salivarius</i> Strains Isolated from Human Milk. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	34
57	Strategies for the Preservation, Restoration and Modulation of the Human Milk Microbiota. Implications for Human Milk Banks and Neonatal Intensive Care Units. <i>Frontiers in Microbiology</i> , 2018, 9, 2676.	1.5	30
58	A Food-Grade System for Production of Pediocin PA-1 in Nisin-Producing and Non-Nisin-Producing <i>Lactococcus lactis</i> Strains: Application To Inhibit <i>Listeria</i> Growth in a Cheese Model System. <i>Journal of Food Protection</i> , 2007, 70, 2512-2517.	0.8	28
59	Risk Factors Predicting Infectious Lactational Mastitis: Decision Tree Approach versus Logistic Regression Analysis. <i>Maternal and Child Health Journal</i> , 2016, 20, 1895-1903.	0.7	26
60	The microbiota of human milk in healthy women. <i>Cellular and Molecular Biology</i> , 2013, 59, 31-42.	0.3	26
61	Early Gut Colonization of Preterm Infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 62, 893-900.	0.9	25
62	Anti-proliferative effect of two lactic acid bacteria strains of human origin on the growth of a myeloma cell line. <i>Letters in Applied Microbiology</i> , 2001, 32, 287-292.	1.0	24
63	Cooling Raw Milk: Change in the Spoilage Potential of Contaminating <i>Pseudomonas</i> . <i>Journal of Food Protection</i> , 1995, 58, 915-921.	0.8	20
64	Role of <i>Lactobacillus</i> biofilms in <i>Listeria monocytogenes</i> adhesion to glass surfaces. <i>International Journal of Food Microbiology</i> , 2020, 334, 108804.	2.1	20
65	Microbiological and Immunological Markers in Milk and Infant Feces for Common Gastrointestinal Disorders: A Pilot Study. <i>Nutrients</i> , 2020, 12, 634.	1.7	20
66	Bacterial Analysis of Breast Milk: A Tool to Differentiate Raynaud's Phenomenon from Infectious Mastitis During Lactation. <i>Current Microbiology</i> , 2009, 59, 59-64.	1.0	19
67	Human Milk Microbiota: Origin and Potential Uses. <i>Nestle Nutrition Institute Workshop Series</i> , 2020, 94, 75-85.	1.5	19
68	Bacteriological and Immunological Profiling of Meconium and Fecal Samples from Preterm Infants: A Two-Year Follow-Up Study. <i>Nutrients</i> , 2017, 9, 1293.	1.7	18
69	Application of <i>Ligilactobacillus salivarius</i> CECT5713 to Achieve Term Pregnancies in Women with Repetitive Abortion or Infertility of Unknown Origin by Microbiological and Immunological Modulation of the Vaginal Ecosystem. <i>Nutrients</i> , 2021, 13, 162.	1.7	16
70	Production of pediocin PA-1, and coproduction of nisin A and pediocin PA-1, by wild <i>Lactococcus lactis</i> strains of dairy origin. <i>International Dairy Journal</i> , 2005, 15, 45-49.	1.5	15
71	Bacterial Diversity of the Gastric Content of Preterm Infants during Their First Month of Life at the Hospital. <i>Frontiers in Nutrition</i> , 2017, 4, 12.	1.6	15
72	Characterization of a pyoverdine-deficient mutant of <i>Pseudomonas fluorescens</i> impaired in the secretion of extracellular lipase. <i>Archives of Microbiology</i> , 1988, 150, 523-528.	1.0	14

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73	Metataxonomic and immunological analysis of milk from ewes with or without a history of mastitis. <i>Journal of Dairy Science</i> , 2019, 102, 9298-9311.	1.4	14
74	Mastitis Modifies the Biogenic Amines Profile in Human Milk, with Significant Changes in the Presence of Histamine, Putrescine and Spermine. <i>PLoS ONE</i> , 2016, 11, e0162426.	1.1	14
75	Complete Genome Sequence of <i>Bifidobacterium breve</i> CECT 7263, a Strain Isolated from Human Milk. <i>Journal of Bacteriology</i> , 2012, 194, 3762-3763.	1.0	13
76	Complete Genome Sequence of <i>Streptococcus salivarius</i> PS4, a Strain Isolated from Human Milk. <i>Journal of Bacteriology</i> , 2012, 194, 4466-4467.	1.0	12
77	Infectious Mastitis During Lactation. , 2017, , 401-428.		12
78	Characterization of <i>Lactobacillus rhamnosus</i> MP01 and <i>Lactobacillus plantarum</i> MP02 and Assessment of Their Potential for the Prevention of Gastrointestinal Infections in an Experimental Canine Model. <i>Frontiers in Microbiology</i> , 2019, 10, 1117.	1.5	12
79	Effect of Sample Collection (Manual Expression vs. Pumping) and Skimming on the Microbial Profile of Human Milk Using Culture Techniques and Metataxonomic Analysis. <i>Microorganisms</i> , 2020, 8, 1278.	1.6	11
80	Effect of extra aeration on extracellular enzyme activities and ATP concentration of dairy <i>Pseudomonas fluorescens</i> . <i>Letters in Applied Microbiology</i> , 2000, 30, 244-248.	1.0	10
81	Interactions between human milk oligosaccharides, microbiota and immune factors in milk of women with and without mastitis. <i>Scientific Reports</i> , 2022, 12, 1367.	1.6	10
82	Differentiation of <i>Enterococcus faecium</i> from <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> and <i>Streptococcus thermophilus</i> strains by PCR and dot-blot hybridisation. <i>International Journal of Food Microbiology</i> , 2003, 88, 197-200.	2.1	9
83	Nasal and Fecal Microbiota and Immunoprofiling of Infants With and Without RSV Bronchiolitis. <i>Frontiers in Microbiology</i> , 2021, 12, 667832.	1.5	9
84	Evaluation of technological properties of <i>Enterococcus faecium</i> CECT 8849, a strain isolated from human milk, for the dairy industry. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7665-7677.	1.7	8
85	High-Temperature Short-Time and Holder Pasteurization of Donor Milk: Impact on Milk Composition. <i>Life</i> , 2021, 11, 114.	1.1	8
86	Replacement of Metaphylactic Antimicrobial Therapy by Oral Administration of <i>Ligilactobacillus salivarius</i> MP100 in a Pig Farm. <i>Frontiers in Veterinary Science</i> , 2021, 8, 666887.	0.9	8
87	Compositional Changes in Cold Raw Milk Supporting Growth of <i>Pseudomonas fluorescens</i> NCDO 2085 before Production of Extracellular Proteinase. <i>Journal of Food Protection</i> , 1987, 50, 1004-1008.	0.8	7
88	Enhanced production of pediocin PA-1 in wild nisin- and non-nisin-producing <i>Lactococcus lactis</i> strains of dairy origin. <i>International Dairy Journal</i> , 2007, 17, 574-577.	1.5	7
89	Characterisation of <i>Lactobacillus gastricus</i> strains isolated from human milk. <i>International Dairy Journal</i> , 2014, 39, 167-177.	1.5	6
90	Short communication: Effect of refrigerated storage on the pH and bacterial content of pasteurized human donor milk. <i>Journal of Dairy Science</i> , 2018, 101, 10714-10719.	1.4	6

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91	Repression of <i>Pseudomonas fluorescens</i> extracellular lipase secretion by arginine. Journal of Dairy Research, 1990, 57, 69-78.	0.7	5
92	Genome Sequence of <i>Lactobacillus gastricus</i> PS3, a Strain Isolated from Human Milk. Genome Announcements, 2013, 1, .	0.8	5
93	Dietary Habits and Relationship with the Presence of Main and Trace Elements, Bisphenol A, Tetrabromobisphenol A, and the Lipid, Microbiological and Immunological Profiles of Breast Milk. Nutrients, 2021, 13, 4346.	1.7	5
94	Proteinase Activity of <i>Pseudomonas fluorescens</i> Grown in Cold Milk Supplemented with Nitrogen and Carbon Sources. Journal of Dairy Science, 1994, 77, 923-929.	1.4	3
95	Inhibition of the proliferation of myeloma cells by the meat origin strain <i>Enterococcus faecium</i> CH3. Meat Science, 2001, 59, 79-85.	2.7	3
96	Culture-dependent and metataxonomic analysis of milk from red deer ( <i>Cervus elaphus</i> ). International Dairy Journal, 2020, 102, 104610.	1.5	1
97	Immune factors in human milk. , 2021, , 275-298.		1
98	Response to the Letter to the Editor by Cullinane & Amir. Journal of Human Lactation, 2017, 33, 817-818.	0.8	0
99	Title is missing!. , 2020, 15, e0233554.		0
100	Title is missing!. , 2020, 15, e0233554.		0
101	Title is missing!. , 2020, 15, e0233554.		0
102	Title is missing!. , 2020, 15, e0233554.		0
103	Title is missing!. , 2020, 15, e0233554.		0
104	Title is missing!. , 2020, 15, e0233554.		0