Jacques Nicoli

List of Publications by Year
in descending order

210 papers	7,002 citations	50244 46 h-index	88593 70 g-index
211 all docs	211 docs citations	211 times ranked	8681 citing authors

#	Article	IF	Citations
1	The Essential Role of the Intestinal Microbiota in Facilitating Acute Inflammatory Responses. Journal of Immunology, 2004, 173, 4137-4146.	0.4	220
2	A Role for Gut Microbiota and the Metaboliteâ€Sensing Receptor GPR43 in a Murine Model of Gout. Arthritis and Rheumatology, 2015, 67, 1646-1656.	2.9	192
3	A Randomized Formula Controlled Trial of Bifidobacterium lactis and Streptococcus thermophilus for Prevention of Antibiotic-Associated Diarrhea in Infants. Journal of Clinical Gastroenterology, 2005, 39, 385-389.	1.1	188
4	Transient TLR Activation Restores Inflammatory Response and Ability To Control Pulmonary Bacterial Infection in Germfree Mice. Journal of Immunology, 2012, 188, 1411-1420.	0.4	184
5	Skin Wound Healing Is Accelerated and Scarless in the Absence of Commensal Microbiota. Journal of Immunology, 2014, 193, 5171-5180.	0.4	142
6	Saccharomyces boulardiistimulates sIgA production and the phagocytic system of gnotobiotic mice. Journal of Applied Microbiology, 2000, 89, 404-414.	1.4	139
7	Molecular and physiological comparisons betweenSaccharomyces cerevisiaeandSaccharomyces boulardii. Canadian Journal of Microbiology, 2004, 50, 615-621.	0.8	135
8	The Required Role of Endogenously Produced Lipoxin A4 and Annexin-1 for the Production of IL-10 and Inflammatory Hyporesponsiveness in Mice. Journal of Immunology, 2007, 179, 8533-8543.	0.4	121
9	Influence of the diet on the microbial diversity of faecal and gastrointestinal contents in gilthead sea bream (Sparus aurata) and intestinal contents in goldfish (Carassius auratus). FEMS Microbiology Ecology, 2011, 78, 285-296.	1.3	116
10	Control of Klebsiella pneumoniae pulmonary infection and immunomodulation by oral treatment with the commensal probiotic Bifidobacterium longum 51A. Microbes and Infection, 2016, 18, 180-189.	1.0	111
11	A study of the enterotoxigenicity of coagulase-negative and coagulase-positive staphylococcal isolates from food poisoning outbreaks in Minas Gerais, Brazil. International Journal of Infectious Diseases, 2008, 12, 410-415.	1.5	109
12	Intracellular Signal Triggered by Cholera Toxin in Saccharomyces boulardii and Saccharomyces cerevisiae. Applied and Environmental Microbiology, 1998, 64, 564-568.	1.4	109
13	Adhesion to the yeast cell surface as a mechanism for trapping pathogenic bacteria by Saccharomyces probiotics. Journal of Medical Microbiology, 2012, 61, 1194-1207.	0.7	107
14	Selection of lactic acid bacteria from Brazilian kefir grains for potential use as starter or probiotic cultures. Anaerobe, 2015, 32, 70-76.	1.0	107
15	Lactic Acid Bacteria Isolated from Bovine Mammary Microbiota: Potential Allies against Bovine Mastitis. PLoS ONE, 2015, 10, e0144831.	1.1	106
16	Comparative study of Bifidobacterium animalis, Escherichia coli, Lactobacillus casei and Saccharomyces boulardii probiotic properties. Archives of Microbiology, 2009, 191, 623-630.	1.0	104
17	Effect of Bifidobacterium longum ingestion on experimental salmonellosis in mice. Journal of Applied Microbiology, 2004, 97, 29-37.	1.4	98
18	Pediatric functional constipation treatment withBifidobacterium-containing yogurt: A crossover, double-blind, controlled trial. World Journal of Gastroenterology, 2011, 17, 3916.	1.4	95

#	Article	IF	Citations
19	Effect of Saccharomyces boulardii against experimental oral infection with Salmonella typhimurium and Shigella flexneri in conventional and gnotobiotic mice. Journal of Applied Bacteriology, 1996, 81, 251-256.	1.1	92
20	Vaginal Microbiome Characterization of Nellore Cattle Using Metagenomic Analysis. PLoS ONE, 2015, 10, e0143294.	1.1	92
21	Screening of yeasts as probiotic based on capacities to colonize the gastrointestinal tract and to protect against enteropathogen challenge in mice. Journal of General and Applied Microbiology, 2005, 51, 83-92.	0.4	86
22	Dual function of the long pentraxin PTX3 in resistance against pulmonary infection with Klebsiella pneumoniae in transgenic mice. Microbes and Infection, 2006, 8, 1321-1329.	1.0	82
23	Interaction of Saccharomyces boulardii with Salmonella enterica Serovar Typhimurium Protects Mice and Modifies T84 Cell Response to the Infection. PLoS ONE, 2010, 5, e8925.	1.1	82
24	Evaluation of Potential Probiotics Isolated from Human Milk and Colostrum. Probiotics and Antimicrobial Proteins, 2017, 9, 371-379.	1.9	79
25	Bacillus spp. Isolated from Puba as a Source of Biosurfactants and Antimicrobial Lipopeptides. Frontiers in Microbiology, 2017, 8, 61.	1.5	75
26	Influence of partial substitution of dietary fish meal on the activity of digestive enzymes in the intestinal brush border membrane of gilthead sea bream, Sparus aurata and goldfish, Carassius auratus. Aquaculture, 2010, 306, 233-237.	1.7	71
27	Isolation, characterization and evaluation of probiotic lactic acid bacteria for potential use in animal production. Research in Veterinary Science, 2016, 108, 125-132.	0.9	71
28	Exoproducts of the Escherichia coli strain H22 inhibiting some enteric pathogens both in vitro and in vivo. Journal of Applied Microbiology, 2006, 100, 821-829.	1.4	70
29	Evaluation of mucositis induced by irinotecan after microbial colonization in germ-free mice. Microbiology (United Kingdom), 2015, 161, 1950-1960.	0.7	67
30	Selection of Lactobacillus strains as potential probiotics for vaginitis treatment. Microbiology (United Kingdom), 2016, 162, 1195-1207.	0.7	67
31	Influence of narrow-band UVB phototherapy on cutaneous microbiota of children with atopic dermatitis. Journal of the European Academy of Dermatology and Venereology, 2006, 20, 1114-1120.	1.3	66
32	Absence of gut microbiota influences lipopolysaccharide-induced behavioral changes in mice. Behavioural Brain Research, 2016, 312, 186-194.	1.2	66
33	Protection against increased intestinal permeability and bacterial translocation induced by intestinal obstruction in mice treated with viable and heat-killed Saccharomyces boulardii. European Journal of Nutrition, 2011, 50, 261-269.	1.8	65
34	Randomized Clinical Trial. Journal of Parenteral and Enteral Nutrition, 2016, 40, 1114-1121.	1.3	65
35	L-Arginine Supplementation Prevents Increases in Intestinal Permeability and Bacterial Translocation in Male Swiss Mice Subjected to Physical Exercise under Environmental Heat Stress. Journal of Nutrition, 2014, 144, 218-223.	1.3	64
36	Identification to the species level of Lactobacillus isolated in probiotic prospecting studies of human, animal or food origin by 16S-23S rRNA restriction profiling. BMC Microbiology, 2005, 5, 15.	1.3	63

#	Article	IF	Citations
37	Glucose-induced activation of plasma membrane H+-ATPase in mutants of the yeast Saccharomyces cerevisiae affected in cAMP metabolism, cAMP-dependent protein phosphorylation and the initiation of glycolysis. Biochimica Et Biophysica Acta - Molecular Cell Research, 1992, 1136, 57-67.	1.9	61
38	Starmerella meliponinorum sp. nov., a novel ascomycetous yeast species associated with stingless bees. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 339-343.	0.8	61
39	Inhibition of tissue inflammation and bacterial translocation as one of the protective mechanisms of Saccharomyces boulardii against Salmonella infection in mice. Microbes and Infection, 2013, 15, 270-279.	1.0	61
40	Saccharomyces cerevisiae strain 905 reduces the translocation of Salmonella enterica serotype Typhimurium and stimulates the immune system in gnotobiotic and conventional mice. Journal of Medical Microbiology, 2007, 56, 352-359.	0.7	60
41	Saccharomyces cerevisiae strain UFMG 905 protects against bacterial translocation, preserves gut barrier integrity and stimulates the immune system in a murine intestinal obstruction model. Archives of Microbiology, 2010, 192, 477-484.	1.0	59
42	Monoassociation with Lactobacillus acidophilus UFV-H2b20 stimulates the immune defense mechanisms of germfree mice. Brazilian Journal of Medical and Biological Research, 1998, 31, 1565-1573.	0.7	58
43	Probiotics and clinical effects: is the number what counts?. Journal of Chemotherapy, 2013, 25, 193-212.	0.7	58
44	Oral treatment with Saccharomyces cerevisiae strain UFMG 905 modulates immune responses and interferes with signal pathways involved in the activation of inflammation in a murine model of typhoid fever. International Journal of Medical Microbiology, 2011, 301, 359-364.	1.5	53
45	Probing Protein Sequences as Sources for Encrypted Antimicrobial Peptides. PLoS ONE, 2012, 7, e45848.	1.1	51
46	Influence of bacteria from the duodenal microbiota of patients with symptomatic giardiasis on the pathogenicity of Giardia duodenalis in gnotoxenic mice. Journal of Medical Microbiology, 2000, 49, 209-215.	0.7	49
47	Diarrheagenic Escherichia coli Strains Recovered from Urban Pigeons (Columba livia) in Brazil and Their Antimicrobial Susceptibility Patterns. Current Microbiology, 2009, 59, 302-308.	1.0	47
48	Changes in mouse gut bacterial community in response to different types of drinking water. Water Research, 2018, 132, 79-89.	5.3	47
49	Escherichia coli strain Nissle 1917 ameliorates experimental colitis by modulating intestinal permeability, the inflammatory response and clinical signs in a faecal transplantation model. Journal of Medical Microbiology, 2016, 65, 201-210.	0.7	46
50	Monoassociation with probiotic Lactobacillus delbrueckii UFV-H2b20 stimulates the immune system and protects germfree mice against Listeria monocytogenes infection. Medical Microbiology and Immunology, 2011, 200, 29-38.	2.6	45
51	Treatment of Acute Diarrhea With Saccharomyces boulardii in Infants. Journal of Pediatric Gastroenterology and Nutrition, 2011, 53, 497-501.	0.9	44
52	Dietary glutamine prevents the loss of intestinal barrier function and attenuates the increase in core body temperature induced by acute heat exposure. British Journal of Nutrition, 2014, 112, 1601-1610.	1.2	44
53	Characterization of lactobacilli strains derived from cocoa fermentation in the south of Bahia for the development of probiotic cultures. LWT - Food Science and Technology, 2016, 73, 259-266.	2.5	43
54	Selection of new lactic acid bacteria strains bearing probiotic features from mucosal microbiota of healthy calves: Looking for immunobiotics through in vitro and in vivo approaches for immunoprophylaxis applications. Microbiological Research, 2017, 200, 1-13.	2.5	43

#	Article	IF	Citations
55	Oral treatment with Bifidobacterium longum 51A reduced inflammation in a murine experimental model of gout. Beneficial Microbes, 2015, 6, 799-806.	1.0	39
56	Title is missing!. World Journal of Microbiology and Biotechnology, 2000, 16, 437-440.	1.7	38
57	Antimicrobial compounds produced by Lactobacillus sakei subsp. sakei 2a, a bacteriocinogenic strain isolated from a Brazilian meat product. Journal of Industrial Microbiology and Biotechnology, 2010, 37, 381-390.	1.4	38
58	Pretreatment With Citrulline Improves Gut Barrier After Intestinal Obstruction in Mice. Journal of Parenteral and Enteral Nutrition, 2012, 36, 69-76.	1.3	38
59	Genetic transformation of novel isolates of chicken Lactobacillus bearing probiotic features for expression of heterologous proteins: a tool to develop live oral vaccines. BMC Biotechnology, 2006, 6, 2.	1.7	37
60	Saccharomyces cerevisiae UFMG A-905 treatment reduces intestinal damage in a murine model of irinotecan-induced mucositis. Beneficial Microbes, 2016, 7, 549-557.	1.0	37
61	Bifidobacterium longum subsp. infantis BB-02 attenuates acute murine experimental model of inflammatory bowel disease. Beneficial Microbes, 2015, 6, 277-286.	1.0	36
62	Post-secretory events alter the peptide content of the skin secretion of Hypsiboas raniceps. Biochemical and Biophysical Research Communications, 2008, 377, 1057-1061.	1.0	33
63	Identification and in vitro screening of avian yeasts for use as probiotic. Research in Veterinary Science, 2012, 93, 798-802.	0.9	33
64	Anti-inflammatory effect of two Lactobacillus strains during infection with Gardnerella vaginalis and Candida albicans in a HeLa cell culture model. Microbiology (United Kingdom), 2018, 164, 349-358.	0.7	33
65	Effect of Saccharomyces cerevisiae strain UFMG A-905 in experimental model of inflammatory bowel disease. Beneficial Microbes, 2015, 6, 807-815.	1.0	32
66	Enhanced pathogenicity of susceptible strains of the Bacteroides fragilis group subjected to low doses of metronidazole. Microbes and Infection, 2003, 5, 19-26.	1.0	31
67	Viability and Resistance of Lactobacilli Isolated from Cocoa Fermentation to Simulated Gastrointestinal Digestive Steps in Soy Yogurt. Journal of Food Science, 2014, 79, M208-13.	1.5	30
68	Biological activity of the non-microbial fraction of kefir: antagonism against intestinal pathogens. Journal of Dairy Research, 2017, 84, 339-345.	0.7	30
69	In vitro assessment of functional properties of lactic acid bacteria isolated from faecal microbiota of healthy dogs for potential use as probiotics. Beneficial Microbes, 2013, 4, 267-275.	1.0	29
70	Lactobacillus kefiranofaciens and Lactobacillus satsumensis isolated from Brazilian kefir grains produce alpha-glucans that are potentially suitable for food applications. LWT - Food Science and Technology, 2016, 72, 390-398.	2.5	29
71	In silico Prediction, in vitro Antibacterial Spectrum, and Physicochemical Properties of a Putative Bacteriocin Produced by Lactobacillus rhamnosus Strain L156.4. Frontiers in Microbiology, 2017, 8, 876.	1.5	29
72	Evaluation of the Pathogenicity of the Bacteroides fragilis Toxin Gene Subtypes in Gnotobiotic Mice. Current Microbiology, 2006, 53, 113-117.	1.0	28

#	Article	IF	Citations
73	Protective effect of Lactobacillus sakei 2a against experimental challenge with Listeria monocytogenes in gnotobiotic mice. Letters in Applied Microbiology, 2007, 45, 663-667.	1.0	28
74	Influence of intensive and extensive breeding on lactic acid bacteria isolated from Gallus gallus domesticus ceca. Veterinary Microbiology, 2007, 120, 142-150.	0.8	28
75	Bacteriocin production by Fusobacterium isolates recovered from the oral cavity of human subjects with and without periodontal disease and of marmosets. Research in Microbiology, 1998, 149, 585-594.	1.0	27
76	Evaluation of in vitro antagonism and of in vivo immune modulation and protection against pathogenic experimental challenge of two probiotic strains of Bifidobacterium animalis var. lactis. Archives of Microbiology, 2010, 192, 995-1003.	1.0	27
77	Colonization by Enterobacteriaceae is crucial for acute inflammatory responses in murine small intestine via regulation of corticosterone production. Gut Microbes, 2020, 11, 1531-1546.	4.3	27
78	In vitro evaluation of Bifidobacterium strains of human origin for potential use in probiotic functional foods. Beneficial Microbes, 2013, 4, 179-186.	1.0	26
79	Lactococcus lactis V7 inhibits the cell invasion of bovine mammary epithelial cells by Escherichia coli and Staphylococcus aureus. Beneficial Microbes, 2015, 6, 879-886.	1.0	26
80	Treatment with selenium-enriched Saccharomyces cerevisiae UFMG A-905 partially ameliorates mucositis induced by 5-fluorouracil in mice. Cancer Chemotherapy and Pharmacology, 2019, 84, 117-126.	1.1	26
81	Purification and molecular characterization of antibacterial compounds produced by Lactobacillus murinus strain L1. Journal of Applied Microbiology, 2005, 99, 649-656.	1.4	25
82	Actinobacillus actinomycetemcomitansserotype-specific genotypes and periodontal status in Brazilian subjects. Canadian Journal of Microbiology, 2006, 52, 182-188.	0.8	25
83	Treatment with Selemax^{Â®}, a selenium-enriched yeast, ameliorates experimental arthritis in rats and mice. British Journal of Nutrition, 2012, 108, 1829-1838.	1.2	25
84	Use of Probiotics to Control Aflatoxin Production in Peanut Grains. Scientific World Journal, The, 2015, 2015, 1-8.	0.8	25
85	Selection of a candidate probiotic strain ofPediococcus pentosaceusfrom the faecal microbiota of horses byinÂvitrotesting and health claims in a mouse model ofSalmonellainfection. Journal of Applied Microbiology, 2017, 122, 225-238.	1.4	25
86	Probiotics alter biofilm formation and the transcription of Porphyromonas gingivalis virulence-associated genes. Journal of Oral Microbiology, 2020, 12, 1805553.	1.2	25
87	The role of l-arginine-nitric oxide pathway in bacterial translocation. Amino Acids, 2013, 45, 1089-1096.	1.2	24
88	Protective effects of milk fermented by Lactobacillus plantarum B7 from Brazilian artisanal cheese on a Salmonella enterica serovar Typhimurium infection in BALB/c mice. Journal of Functional Foods, 2017, 33, 436-445.	1.6	24
89	Antimicrobial activity and acetylcholinesterase inhibition by extracts from chromatin modulated fungi. Brazilian Journal of Microbiology, 2018, 49, 169-176.	0.8	24
90	Weissella paramesenteroides WpK4 plays an immunobiotic role in gut-brain axis, reducing gut permeability, anxiety-like and depressive-like behaviors in murine models of colitis and chronic stress. Food Research International, 2020, 137, 109741.	2.9	24

#	Article	IF	Citations
91	Composition and antagonistic activity of the indigenous intestinal microbiota of Prochilodus argenteus Agassiz. Journal of Fish Biology, 2005, 67, 1686-1698.	0.7	23
92	Effects of yeast probiotic formulation on viability, revival and protection against infection withSalmonella entericassp.entericaserovar Typhimurium in mice. Letters in Applied Microbiology, 2009, 49, 738-744.	1.0	23
93	Influence of normal microbiota on some aspects of the immune response during experimental infection with Trypanosoma cruzi in mice. Journal of Medical Microbiology, 2004, 53, 741-748.	0.7	22
94	Effect of Lactobacillus delbrueckii on cholesterol metabolism in germ-free mice and on atherogenesis in apolipoprotein E knock-out mice. Brazilian Journal of Medical and Biological Research, 2006, 39, 629-635.	0.7	22
95	Physiological characterization of non-Saccharomyces yeasts from agro-industrial and environmental origins with possible probiotic function. World Journal of Microbiology and Biotechnology, 2009, 25, 657-666.	1.7	21
96	Milk fermented byLactobacillusspecies from Brazilian artisanal cheese protect germ-free-mice againstSalmonellaTyphimurium infection. Beneficial Microbes, 2017, 8, 579-588.	1.0	21
97	Treatment with Bifidobacterium longum 51A attenuates intestinal damage and inflammatory response in experimental colitis. Beneficial Microbes, 2020, 11, 47-57.	1.0	21
98	A method of decontaminating Strongyloides venezuelensis larvae for the study of strongyloidiasis in germ-free and conventional mice. Journal of Medical Microbiology, 2000, 49, 387-390.	0.7	21
99	Antagonism against Vibrio cholerae by diffusible substances produced by bacterial components of the human faecal microbiota. Journal of Medical Microbiology, 2001, 50, 161-164.	0.7	20
100	Effect of microencapsulation conditions on the viability and functionality of Bifidobacterium longum 51A. LWT - Food Science and Technology, 2017, 80, 341-347.	2.5	20
101	Probiotics Protect Mice Against Experimental Infections. Journal of Clinical Gastroenterology, 2008, 42, S168-S169.	1.1	19
102	Probiotics and mucosal barrier in children. Current Opinion in Clinical Nutrition and Metabolic Care, 2008, 11, 640-644.	1.3	19
103	Effect of probiotics on the development of dimethylhydrazine-induced preneoplastic lesions in the mice colon. Acta Cirurgica Brasileira, 2013, 28, 367-372.	0.3	19
104	Safety and Protective Effectiveness of Two Strains of Lactobacillus with Probiotic Features in an Experimental Model of Salmonellosis. International Journal of Environmental Research and Public Health, 2014, 11, 8755-8776.	1.2	19
105	Effects of nitric oxide synthase inhibition on glutamine action in a bacterial translocation model. British Journal of Nutrition, 2014, 111, 93-100.	1.2	19
106	Identification and antimicrobial susceptibility of micro-organisms recovered from cutaneous lesions of human American tegumentary leishmaniasis in Minas Gerais, Brazil. Journal of Medical Microbiology, 2005, 54, 1071-1076.	0.7	18
107	Enhanced pathogenicity of Fusobacterium nucleatum adapted to oxidative stress. Microbial Pathogenesis, 2005, 39, 131-138.	1.3	18
108	Control of host inflammatory responsiveness by indigenous microbiota reveals an adaptive component of the innate immune system. Microbes and Infection, 2011, 13, 1121-1132.	1.0	18

#	Article	IF	Citations
109	Lactobacillus species identification by amplified ribosomal 16S-23S rRNA restriction fragment length polymorphism analysis. Beneficial Microbes, 2014, 5, 471-481.	1.0	18
110	Short communication: In vitro and in vivo probiotic potential of Lactobacillus plantarum B7 and Lactobacillus rhamnosus D1 isolated from Minas artisanal cheese. Journal of Dairy Science, 2019, 102, 5957-5961.	1.4	18
111	Lactobacillus rhamnosus CGMCC 1.3724 (LPR) Improves Skin Wound Healing and Reduces Scar Formation in Mice. Probiotics and Antimicrobial Proteins, 2021, 13, 709-719.	1.9	18
112	The effect of iron deficiency and iron overload on the evolution of chagas disease produced by three strains of trypanosoma cruzi in cfw mice. Comparative Biochemistry and Physiology A, Comparative Physiology, 1990, 97, 235-243.	0.7	17
113	Effect of the Escherichia coli EMO strain on experimental infection by Salmonella enterica serovar Typhimurium in gnotobiotic mice. Brazilian Journal of Medical and Biological Research, 2004, 37, 1005-1013.	0.7	17
114	Comparison of antagonistic ability against enteropathogens by G+ and Gâ^' anaerobic dominant components of human fecal microbiota. Folia Microbiologica, 2006, 51, 141-145.	1.1	17
115	Weissella paramesenteroides WpK4 reduces gene expression of intestinal cytokines, and hepatic and splenic injuries in a murine model of typhoid fever. Beneficial Microbes, 2016, 7, 61-73.	1.0	17
116	A common vaginal microbiota composition among breeds of Bos taurus indicus (Gyr and Nellore). Brazilian Journal of Microbiology, 2019, 50, 1115-1124.	0.8	17
117	Cutaneous leishmaniasis in germfree, gnotobiotic, and conventional mice. Revista Do Instituto De Medicina Tropical De Sao Paulo, 1987, 29, 385-387.	0.5	16
118	Occurrence of Multidrug-Resistant and Toxic-Metal Tolerant Enterococci in Fresh Feces from Urban Pigeons in Brazil. Microbes and Environments, 2012, 27, 179-185.	0.7	16
119	Cell viability and immunostimulating and protective capacities of Bifidobacterium longum 51A are differentially affected by technological variables in fermented milks. Journal of Applied Microbiology, 2012, 112, 1184-1192.	1.4	16
120	Protective Effect of Lactobacillus diolivorans 1Z, Isolated From Brazilian Kefir, Against Salmonella enterica Serovar Typhimurium in Experimental Murine Models. Frontiers in Microbiology, 2018, 9, 2856.	1.5	16
121	In vitro and in vivo evaluation of two potential probiotic lactobacilli isolated from cocoa fermentation (Theobroma cacao L.). Journal of Functional Foods, 2018, 47, 184-191.	1.6	16
122	Protection by Lactobacillus acidophilus UFV-H2B20 against experimental oral infection with Salmonella enterica subsp. enterica Ser. Typhimurium in gnotobiotic and conventional mice. Brazilian Journal of Microbiology, 2001, 32, 66-69.	0.8	16
123	Purification and Characterization of a Î²-Galactosidase from Fusarium oxysporum var. lini. Journal of Dairy Science, 1987, 70, 1331-1337.	1.4	15
124	Vitamin D overload and experimental Trypanosoma cruzi infection: Parasitological and histopathological aspects. Comparative Biochemistry and Physiology A, Comparative Physiology, 1993, 104, 175-181.	0.7	15
125	Effect of Metronidazole on the Pathogenicity of Resistant Bacteroides Strains in Gnotobiotic Mice. Antimicrobial Agents and Chemotherapy, 2000, 44, 2419-2423.	1.4	15
126	Isolation, identification and antimicrobial susceptibility ofBacteroides fragilisgroup strains recovered from broiler faeces. British Poultry Science, 2012, 53, 71-76.	0.8	15

#	Article	IF	Citations
127	Molecular identification of Lactobacillus spp. associated with puba, a Brazilian fermented cassava food. Brazilian Journal of Microbiology, 2013, 44, 15-21.	0.8	15
128	Assessment of the probiotic potential of lactic acid bacteria isolated from Minas artisanal cheese produced in the Campo das Vertentes region, Brazil. International Journal of Dairy Technology, 2017, 70, 592-601.	1.3	15
129	Probiotic effect of Bifidobacterium longum 5 1A and Weissella paramesenteroides WpK4 on gerbils infected with Giardia lamblia. Journal of Applied Microbiology, 2019, 127, 1184-1191.	1.4	15
130	Atividade antimicrobiana de bactÃ©rias Ã¡cido-lÃ¡cticas isoladas de queijos de coalho artesanal e industrial frente a microrganismos indicadores. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2005, 57, 245-250.	0.1	15
131	American trypanosomiasis (Chagas' disease) in conventional and germfree rats and mice. Revista Do Instituto De Medicina Tropical De Sao Paulo, 1987, 29, 284-288.	0.5	14
132	Production of antagonistic substance by Eikenella corrodens isolated from the oral cavity of human beings with and without periodontal disease. Journal of Applied Microbiology, 2007, 103, 245-251.	1.4	14
133	Effect of intestinal colonisation by two Lactobacillus strains on the immune response of gnotobiotic mice. Beneficial Microbes, 2014, 5, 409-419.	1.0	14
134	Bifidobacterium longum subsp. longum 51A attenuates intestinal injury against irinotecan-induced mucositis in mice. Life Sciences, 2022, 289, 120243.	2.0	14
135	Microbiological and histological study of the gastrointestinal tract of germ-free mice infected with Helicobacter trogontum. Research in Microbiology, 1999, 150, 205-212.	1.0	13
136	Count, identification and antimicrobial susceptibility of bacteria recovered from dental solid waste in Brazil. Waste Management, 2011, 31, 1327-1332.	3.7	13
137	Transfer of antibiotic resistance determinants between lactobacilli isolates from the gastrointestinal tract of chicken. Beneficial Microbes, 2012, 3, 137-144.	1.0	13
138	Influence of Technological Treatments on the Functionality of Bifidobacterium lactis INL1, a Breast Milkâ€Derived Probiotic. Journal of Food Science, 2017, 82, 2462-2470.	1.5	13
139	Effect of probiotic Saccharomyces boulardii in experimental giardiasis. Beneficial Microbes, 2018, 9, 789-797.	1.0	13
140	Detection of Helicobacter Species in the Gastrointestinal Tract of Wild Rodents From Brazil. Current Microbiology, 2006, 53, 370-373.	1.0	12
141	In vitro activity of piperacillin/tazobactam and ertapenem against Bacteroides fragilis and Escherichia coli in pure and mixed cultures. Journal of Medical Microbiology, 2007, 56, 798-802.	0.7	12
142	Identification and in vitro production of Lactobacillus antagonists from women with or without bacterial vaginosis. Brazilian Journal of Medical and Biological Research, 2010, 43, 338-344.	0.7	12
143	Characterization of multiple antilisterial peptides produced by sakacin P-producing Lactobacillus sakei subsp. sakei 2a. Archives of Microbiology, 2018, 200, 635-644.	1.0	12
144	Impact of vitamin deficiency on microbiota composition and immunomodulation: relevance to autistic spectrum disorders. Nutritional Neuroscience, 2021, 24, 601-613.	1.5	12

#	Article	IF	Citations
145	Bifidobacterium longum subsp. longum 51A Attenuates Signs of Inflammation in a Murine Model of Food Allergy. Probiotics and Antimicrobial Proteins, 2023, 15, 63-73.	1.9	12
146	Parasitic infections in germfree animals. Brazilian Journal of Medical and Biological Research, 1998, 31, 105-110.	0.7	11
147	Antagonism against Anaerobic and Facultative Bacteria through a Diffusible Inhibitory Compound Produced by aLactobacillus sp. Isolated from the Rat Fecal Microbiota. Anaerobe, 1999, 5, 409-411.	1.0	11
148	Carica papaya seed macerate as inhibitor of conjugative R plasmid transfer from Salmonella typhimurium to Escherichia coli in vitro and in the digestive tract of gnotobiotic mice. Journal of General and Applied Microbiology, 2005, 51, 21-26.	0.4	11
149	Effect of the trehalose levels on the screening of yeast as probiotic by in vivo and in vitro assays. Brazilian Journal of Microbiology, 2008, 39, 50-55.	0.8	11
150	Microbiota-Induced Antibodies Are Essential for Host Inflammatory Responsiveness to Sterile and Infectious Stimuli. Journal of Immunology, 2017, 198, 4096-4106.	0.4	11
151	Milk Fermented by Lactobacillus paracasei NCC 2461 (ST11) Modulates the Immune Response and Microbiota to Exert its Protective Effects Against Salmonella typhimurium Infection in Mice. Probiotics and Antimicrobial Proteins, 2020, 12, 1398-1408.	1.9	11
152	Aerotolerance of human clinical isolates of Prevotella spp.. Journal of Applied Microbiology, 2003, 94, 701-707.	1.4	10
153	Gram-negative intestinal indigenous microbiota from two Siluriform fishes in a tropical reservoir. Brazilian Journal of Microbiology, 2014, 45, 1283-1292.	0.8	10
154	In vitro evaluation of antagonism, modulation of cytokines and extracellular matrix proteins by Bifidobacterium strains. Letters in Applied Microbiology, 2018, 67, 497-505.	1.0	10
155	Beneficial effects resulting from oral administration of Escherichia coli Nissle 1917 on a chronic colitis model. Beneficial Microbes, 2020, 11, 779-790.	1.0	10
156	Influence of Isolation Site, Laboratory Handling and Growth Stage on Oxygen Tolerance of Fusobacterium Strains. Anaerobe, 2001, 7, 271-276.	1.0	9
157	The role of probiotics in gastrointestinal surgery. Current Opinion in Clinical Nutrition and Metabolic Care, 2006, 9, 618-621.	1.3	9
158	Physiological alterations of a Fusobacterium nucleatum strain exposed to oxidative stress. Journal of Applied Microbiology, 2007, 103, 20-26.	1.4	9
159	Isolation of clinically relevant fungal species from solid waste and environment of dental health services. Letters in Applied Microbiology, 2010, 51, 370-376.	1.0	9
160	Antigenic dietary protein guides maturation of the host immune system promoting resistance to Leishmania major infection in C57BL/6 mice. Immunology, 2010, 129, 455-464.	2.0	9
161	Epidemiologic characteristics of resistant microorganisms present in reserves from an intensive care unit. American Journal of Infection Control, 2012, 40, 186-187.	1.1	9
162	Virus and microbiota relationships in humans and other mammals: An evolutionary view. Human Microbiome Journal, 2019, 11, 100050.	3.8	9

#	Article	IF	Citations
163	Effect of Saccharomyces cerevisiae UFMG A-905 in a murine model of food allergy. Beneficial Microbes, 2020, 11, 255-268.	1.0	9
164	The effect of iron nutritional status on Trypanosoma cruzi infection in germfree and conventional mice. Comparative Biochemistry and Physiology A, Comparative Physiology, 1993, 106, 813-821.	0.7	8
165	INFLUENCE OF DIETARY PROTEIN CONTENT ON Trypanosoma cruzi INFECTION IN GERMFREE AND CONVENTIONAL MICE. Revista Do Instituto De Medicina Tropical De Sao Paulo, 1998, 40, 355-362.	0.5	8
166	Porcine stomachs with and without gastric ulcer differ in Lactobacillus load and strain characteristics. Canadian Journal of Microbiology, 2018, 64, 493-499.	0.8	8
167	Effect of substrate and pH on the activity of proteases from Fusarium oxysporum var. lini. Journal of Bioscience and Bioengineering, 1991, 72, 132-134.	0.9	7
168	Influence of Oral Inoculation With Plasmid-Free Human Escherichia coli on the Frequency of Diarrhea During the First Year of Life in Human Newborns. Journal of Pediatric Gastroenterology and Nutrition, 2001, 33, 70-74.	0.9	7
169	Iogurte probiÃ³tico produzido com leite de cabra suplementado com Bifidobacterium spp. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2010, 62, 1484-1490.	0.1	7
170	EVALUATION OF INTESTINAL INVASION IN GERMâ€FREE MICE CHALLENGED WITH ACIDâ€ADAPTED AND NONACIDâ€ADAPTED SALMONELLA ENTERITIDIS SE86 AND SALMONELLA TYPHIMURIUM ST99. Journal of Food Safety, 2012, 32, 108-114.	1.1	7
171	In Vitro and In Vivo Evaluation of the Probiotic Potential of Antarctic Yeasts. Probiotics and Antimicrobial Proteins, 2021, 13, 1338-1354.	1.9	7
172	Comparative genomics and in silico gene evaluation involved in the probiotic potential of Bifidobacterium longum 51A. Gene, 2021, 795, 145781.	1.0	7
173	Antagonistic and protective effects against Salmonella enterica serovar typhimurium by Lactobacillus murinus in the digestive tract of gnotobiotic mice. Brazilian Journal of Microbiology, 0, 34, 21-24.	0.8	7
174	Lactobacillus delbrueckii as a potential skin adjuvant for induction of type 1 immune responses. Frontiers in Bioscience - Landmark, 2007, 12, 1300.	3.0	7
175	Trypanosoma cruzi: Influence of predominant bacteria from indigenous digestive microbiota on experimental infection in mice. Experimental Parasitology, 2005, 111, 87-96.	0.5	6
176	Comparative activity of ertapenem and piperacillinâ€“tazobactam in a murine systemic infection model with Bacteroides fragilis and Escherichia coli. Journal of Medical Microbiology, 2007, 56, 1576-1579.	0.7	6
177	Lactobacillus delbrueckii UFV-H2b20 induces type 1 cytokine production by mouse cells in vitro and in vivo. Brazilian Journal of Medical and Biological Research, 2009, 42, 358-367.	0.7	6
178	Selection of Lactic Acid Bacteria with Probiotic Potential Isolated from the Fermentation Process of â€œCupuaÃ§uâ€•(Theobroma grandiflorum). Advances in Experimental Medicine and Biology, 2017, 973, 1-16.	0.8	6
179	Influence of indigenous microbiota on experimental toxoplasmosis in conventional and germâ€free mice. International Journal of Experimental Pathology, 2017, 98, 191-202.	0.6	6
180	Role of gut microbiota in the GBR12909 model of mania-like behavior in mice. Journal of Neuroimmunology, 2020, 346, 577292.	1.1	6

#	Article	IF	Citations
181	Antarctic Strain of Rhodotorula mucilaginosa UFMGCB 18,377 Attenuates Mucositis Induced by 5-Fluorouracil in Mice. Probiotics and Antimicrobial Proteins, 2022, 14, 486-500.	1.9	6
182	Isolation and Identification of Potential Probiotic Bacteria from Human Milk. Probiotics and Antimicrobial Proteins, 2023, 15, 491-501.	1.9	6
183	Bacterial Concentrations Determine the Ability to Implant in the Root Canal System and Translocate to Lymph Nodes in Germ-free Mice. Journal of Endodontics, 2003, 29, 24-27.	1.4	5
184	Effects of oxidative stress on the virulence profile of Prevotella intermedia during experimental infection in gnotobiotic mice. Journal of Medical Microbiology, 2007, 56, 289-297.	0.7	5
185	Impact of probiotic supplementation on mortality of induced 1,2-dimethylhydrazine carcinogenesis in a mouse model. Nutrition, 2010, 26, 779-783.	1.1	5
186	Microbiota is an essential element for mice to initiate a protective immunity againstVaccinia virus. FEMS Microbiology Ecology, 2016, 92, fiv147.	1.3	5
187	Differential Immune Response of Lactobacillus plantarum 286 Against Salmonella Typhimurium Infection in Conventional and Germ-Free Mice. Advances in Experimental Medicine and Biology, 2020, 1323, 1-17.	0.8	5
188	Bifidobacterium Strains Present Distinct Effects on the Control of Alveolar Bone Loss in a Periodontitis Experimental Model. Frontiers in Pharmacology, 2021, 12, 713595.	1.6	5
189	Probiotics improve re-epithelialization of scratches infected by Porphyromonas gingivalis through up-regulating CXCL8-CXCR1/CXCR2 axis. Anaerobe, 2021, 72, 102458.	1.0	5
190	Synergistic growth effect among bacteria recovered from root canal infections. Brazilian Journal of Microbiology, 2011, 42, 973-979.	0.8	5
191	Evaluation of microbial infiltration in restored cavitiesâ€"An alternative method. Journal of Endodontics, 1999, 25, 605-608.	1.4	4
192	A Lactobacillus rhamnosus strain induces protection in different sites after Salmonella enterica subsp. enterica serovar Typhimurium challenge in gnotobiotic and conventional mice. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2014, 66, 347-354.	0.1	4
193	UtilizaÃ§Ã£o de filme de quitosana para o controle de aflatoxinas em amendoim. Bragantia, 2015, 74, 467-475.	1.3	4
194	In vitro assessment of the probiotic potential of lactobacilli isolated from Minas artisanal cheese produced in the AraxÃ¡ region, Minas Gerais state, Brazil. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2019, 71, 647-657.	0.1	4
195	Microencapsulation of Bifidobacterium longum 5^{1A} cells by spray drying and its incorporation in acerola (Malpighia emarginata) pulp powder. International Journal of Food Science and Technology, 2022, 57, 323-329.	1.3	4
196	Biochemical characterization of neutral trehalase activity in Saccharomyces boulardii. World Journal of Microbiology and Biotechnology, 2000, 16, 691-694.	1.7	3
197	Partial characterization of antagonistic substance produced by a Clostridium butyricum strain. Brazilian Journal of Microbiology, 2007, 38, 265-269.	0.8	3
198	Evaluation of Royal Sun Agaricus, Agaricus brasiliensis S. Wasser et al., Aqueous Extract in Mice Challenged with Salmonella enterica Serovar Typhimurium. International Journal of Medicinal Mushrooms, 2011, 13, 281-288.	0.9	3

#	Article	IF	Citations
199	Phenotypic Changes in a Laboratory-Derived Ertapenem-ResistantEscherichia coliStrain. Journal of Chemotherapy, 2011, 23, 135-139.	0.7	3
200	The Benefits of Probiotics in Human and Animal Nutrition. , 2012, , .		3
201	Atmospheric Oxygen Sensitivity of Fusobacterium Strains. Anaerobe, 1999, 5, 157-159.	1.0	2
202	In VitroSelection of Ertapenem and Piperacillin/Tazobactam-Resistant Strains ofBacteroides fragilisand Analysis of their Virulence in Gnotobiotic Mice. Journal of Chemotherapy, 2010, 22, 259-263.	0.7	2
203	Viabilidade de Staphylococcus aureus FRI S-6 e produÃ§Ã£o de SEB em queijo elaborado com adiÃ§Ã£o de Lactobacillus rhamnosus e Lactococcus lactis. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2012, 64, 465-470.	0.1	2
204	Evaluation of colonisation resistance in stool of human donors using ex vivo, in vitro and in vivo assays. Beneficial Microbes, 2017, 8, 217-230.	1.0	2
205	Stimulatory Effect of Bifidobacteria on the Host Mononuclear Phagocyte System Using Gnotobiotic Animal Models. Anaerobe, 1999, 5, 509-512.	1.0	1
206	Probiotic technological and functional characteristics of Lactobacillus strains isolated from chicken gut. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2014, 66, 93-100.	0.1	1
207	Germ-Free Animals as a Tool to Study Indigenous Microbiota. , 2019, , 3-11.		1
208	Saccharomyces boulardii as therapeutic alternative in experimental giardiasis. Journal of Applied Microbiology, 2020, 131, 460-469.	1.4	1
209	Aqueous Extract of Culinary-Medicinal Royal Sun Mushroom, Agaricus brasiliensis S. Wasser et al. (Agaricomycetideae) Effects on Immunodepression in Mice. International Journal of Medicinal Mushrooms, 2010, 12, 227-234.	0.9	1
210	Susceptibility to Antimicrobial Agents in Fusobacterium Strains Isolated From Healthy Humans and Patients with Periodontal Disease in Brazil. Anaerobe, 1999, 5, 473-475.	1.0	0