

# Luis G Bermdez-Humarn

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

136  
papers

9,920  
citations

46  
h-index

98  
g-index

156  
ext. papers

12,200  
ext. citations

5.5  
avg, IF

5.8  
L-index

#	Paper	IF	Citations
136	Looking inside Mexican Traditional Food as Sources of Synbiotics for Developing Novel Functional Products. <i>Fermentation</i> , <b>2022</b> , 8, 123	4.7	0
135	Functional characterization of $\beta$ -Gal producing lactic acid bacteria with potential probiotic properties.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7484	4.9	0
134	Functional Foods, Nutraceuticals and Probiotics: A Focus on Human Health. <i>Microorganisms</i> , <b>2022</b> , 10, 1065	4.9	5
133	Probiotics against Viral Infections: Current Clinical Trials and Future Perspectives. <i>Immuno</i> , <b>2021</b> , 1, 468-498		1
132	Probiotic-Based Vaccines May Provide Effective Protection against COVID-19 Acute Respiratory Disease. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	10
131	Antioxidant and Anti-Inflammatory Properties of Probiotic Candidate Strains Isolated during Fermentation of Agave ( Haw). <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	2
130	Role of Gut Microbiota and Probiotics in Colorectal Cancer: Onset and Progression. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	13
129	Twenty years of research on HPV vaccines based on genetically modified lactic acid bacteria: an overview on the gut-vagina axis. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 1191-1206	10.3	5
128	The Administration Matrix Modifies the Beneficial Properties of a Probiotic Mix of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> BB-12 and <i>Lactobacillus acidophilus</i> LA-5. <i>Probiotics and Antimicrobial Proteins</i> , <b>2021</b> , 13, 484-494	5.5	2
127	Modulation of the PI3K/Akt/mTOR signaling pathway by probiotics as a fruitful target for orchestrating the immune response. <i>Gut Microbes</i> , <b>2021</b> , 13, 1-17	8.8	7
126	Bioactive Compounds in Food as a Current Therapeutic Approach to Maintain a Healthy Intestinal Epithelium. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	2
125	Age and Infection Impact Canine Gut Microbiota. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	2
124	Probiotics and Trained Immunity. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	4
123	Gut Microbiota Abrogates Anti- $\beta$ -Gal IgA Response in Lungs and Protects against Experimental Infection in Poultry. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	14
122	Targeting Melanoma Hypoxia with the Food-Grade Lactic Acid Bacterium. <i>Cancers</i> , <b>2020</b> , 12,	6.6	5
121	Probiotics as Anti-Giardia Defenders: Overview on Putative Control Mechanisms <b>2020</b> , 335-349		1
120	Probiotic Properties of <i>Lactobacillus</i> Strains Isolated from Table Olive Biofilms. <i>Probiotics and Antimicrobial Proteins</i> , <b>2020</b> , 12, 1071-1082	5.5	9

119	Butyrate mediates anti-inflammatory effects of in intestinal epithelial cells through. <i>Gut Microbes</i> , <b>2020</b> , 12, 1-16	8.8	22
118	Identification of sulfur components enhancing the anti-Candida effect of Lactobacillus rhamnosus Lcr35. <i>Scientific Reports</i> , <b>2020</b> , 10, 17074	4.9	2
117	Protective Effect of Glycomacropeptide on Food Allergy with Gastrointestinal Manifestations in a Rat Model through Down-Regulation of Type 2 Immune Response. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	3
116	Evaluation of the Probiotic Properties and the Capacity to Form Biofilms of Various Strains. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	9
115	From Probiotics to Psychobiotics: Live Beneficial Bacteria Which Act on the Brain-Gut Axis. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	47
114	The potential probiotic Lactobacillus rhamnosus CNCM I-3690 strain protects the intestinal barrier by stimulating both mucus production and cytoprotective response. <i>Scientific Reports</i> , <b>2019</b> , 9, 5398	4.9	50
113	Oral delivery of pancreatitis-associated protein by Lactococcus lactis displays protective effects in dinitro-benzenesulfonic-acid-induced colitis model and is able to modulate the composition of the microbiota. <i>Environmental Microbiology</i> , <b>2019</b> , 21, 4020-4031	5.2	8
112	Phosphatidylglycerols are induced by gut dysbiosis and inflammation, and favorably modulate adipose tissue remodeling in obesity. <i>FASEB Journal</i> , <b>2019</b> , 33, 4741-4754	0.9	13
111	Anti-tumoral Effects of Recombinant Strain Secreting IL-17A Cytokine. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 3355	5.7	13
110	Bile Salt Hydrolase Activities: A Novel Target to Screen Anti- Lactobacilli?. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 89	5.7	30
109	Searching for the Bacterial Effector: The Example of the Multi-Skilled Commensal Bacterium. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 346	5.7	41
108	A Versatile New Model of Chemically Induced Chronic Colitis Using an Outbred Murine Strain. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 565	5.7	21
107	Increased gut permeability in cancer cachexia: mechanisms and clinical relevance. <i>Oncotarget</i> , <b>2018</b> , 9, 18224-18238	3.3	50
106	Elucidating the Immune-Related Mechanisms by Which Probiotic Strain BL23 Displays Anti-tumoral Properties. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 3281	5.7	19
105	A New Bifidobacteria Expression System (BEST) to Produce and Deliver Interleukin-10 in. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 3075	5.7	15
104	M cell-targeting strategy enhances systemic and mucosal immune responses induced by oral administration of nuclease-producing L. lactis. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 10703-10711 <sup>9</sup>	5.7	10711 <sup>9</sup>
103	Live bacterial biotherapeutics in the clinic. <i>Nature Biotechnology</i> , <b>2018</b> , 36, 816-818	44.5	12
102	Use of Traditional and Genetically Modified Probiotics in Human Health: What Does the Future Hold? <b>2018</b> , 363-370		

101	Beneficial effects on host energy metabolism of short-chain fatty acids and vitamins produced by commensal and probiotic bacteria. <i>Microbial Cell Factories</i> , <b>2017</b> , 16, 79	6.4	327
100	Anti-cancer effect of lactic acid bacteria expressing antioxidant enzymes or IL-10 in a colorectal cancer mouse model. <i>International Immunopharmacology</i> , <b>2017</b> , 42, 122-129	5.8	39
99	Use of Traditional and Genetically Modified Probiotics in Human Health: What Does the Future Hold?. <i>Microbiology Spectrum</i> , <b>2017</b> , 5,	8.9	3
98	Contribution of sortase SrtA2 to Lactobacillus casei BL23 inhibition of Staphylococcus aureus internalization into bovine mammary epithelial cells. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174060	3.7	10
97	Bile-Salt-Hydrolases from the Probiotic Strain La1 Mediate Anti-giardial Activity and. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2707	5.7	31
96	Secretion of biologically active pancreatitis-associated protein I (PAP) by genetically modified dairy Lactococcus lactis NZ9000 in the prevention of intestinal mucositis. <i>Microbial Cell Factories</i> , <b>2017</b> , 16, 27	6.4	39
95	Probiotic Strain BL23 Prevents Colitis-Associated Colorectal Cancer. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1553	8.4	97
94	Use of Wild Type or Recombinant Lactic Acid Bacteria as an Alternative Treatment for Gastrointestinal Inflammatory Diseases: A Focus on Inflammatory Bowel Diseases and Mucositis. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 800	5.7	35
93	Functional Characterization of Novel Strains Isolated from Healthy Volunteers: A Step Forward in the Use of as a Next-Generation Probiotic. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1226	5.7	191
92	New Insights into the Diversity of the Genus. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1790	5.7	30
91	Anti-nociceptive effect of Faecalibacterium prausnitzii in non-inflammatory IBS-like models. <i>Scientific Reports</i> , <b>2016</b> , 6, 19399	4.9	48
90	Identification of an anti-inflammatory protein from Faecalibacterium prausnitzii, a commensal bacterium deficient in Crohn's disease. <i>Gut</i> , <b>2016</b> , 65, 415-425	19.2	396
89	Lactobacillus casei BL23 regulates Treg and Th17 T-cell populations and reduces DMH-associated colorectal cancer. <i>Journal of Gastroenterology</i> , <b>2016</b> , 51, 862-73	6.9	112
88	Expression of fibronectin binding protein A (FnBPA) from Staphylococcus aureus at the cell surface of Lactococcus lactis improves its immunomodulatory properties when used as protein delivery vector. <i>Vaccine</i> , <b>2016</b> , 34, 1312-8	4.1	14
87	Identification of novel anti-inflammatory probiotic strains isolated from pulque. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 385-396	5.7	45
86	Evaluation of the biosafety of recombinant lactic acid bacteria designed to prevent and treat colitis. <i>Journal of Medical Microbiology</i> , <b>2016</b> , 65, 1038-1046	3.2	9
85	Gnotobiotic Rodents: An In Vivo Model for the Study of Microbe-Microbe Interactions. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 409	5.7	39
84	Bifidobacterium animalis ssp. lactis CNCM-I2494 Restores Gut Barrier Permeability in Chronically Low-Grade Inflamed Mice. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 608	5.7	34

83	A large scale in vitro screening of <i>Streptococcus thermophilus</i> strains revealed strains with a high anti-inflammatory potential. <i>LWT - Food Science and Technology</i> , <b>2016</b> , 70, 78-87	5.4	18
82	A new lactobacilli in vivo expression system for the production and delivery of heterologous proteins at mucosal surfaces. <i>FEMS Microbiology Letters</i> , <b>2016</b> , 363,	2.9	18
81	Metagenomic analysis of the human microbiome <b>2016</b> , 95-111		1
80	Construction d'un vecteur d'expression chez <i>Lactococcus lactis</i> basé sur la production d'une protéine ancrée de Papillomavirus humain 16 E2/E7. <i>Journal Africain Du Cancer</i> , <b>2015</b> , 7, 104-110		1
79	Identification of metabolic signatures linked to anti-inflammatory effects of <i>Faecalibacterium prausnitzii</i> . <i>MBio</i> , <b>2015</b> , 6,	7.8	128
78	Intranasal administration with recombinant <i>Lactococcus lactis</i> expressing heme oxygenase-1 reduces hyperoxia-induced lung inflammation in rat pups. <i>Biotechnology Letters</i> , <b>2015</b> , 37, 1203-11	3	3
77	<i>Faecalibacterium prausnitzii</i> prevents physiological damages in a chronic low-grade inflammation murine model. <i>BMC Microbiology</i> , <b>2015</b> , 15, 67	4.5	128
76	Serine protease inhibitors protect better than IL-10 and TGF-β anti-inflammatory cytokines against mouse colitis when delivered by recombinant lactococci. <i>Microbial Cell Factories</i> , <b>2015</b> , 14, 26	6.4	79
75	<i>Lactobacillus rhamnosus</i> CNCM I-3690 and the commensal bacterium <i>Faecalibacterium prausnitzii</i> A2-165 exhibit similar protective effects to induced barrier hyper-permeability in mice. <i>Gut Microbes</i> , <b>2015</b> , 6, 1-9	8.8	95
74	Drying process strongly affects probiotics viability and functionalities. <i>Journal of Biotechnology</i> , <b>2015</b> , 214, 17-26	3.7	61
73	Engineering Lactic Acid Bacteria and Bifidobacteria for Mucosal Delivery of Health Molecules <b>2015</b> , 170-190		5
72	The secreted L-arabinose isomerase displays anti-hyperglycemic effects in mice. <i>Microbial Cell Factories</i> , <b>2015</b> , 14, 204	6.4	8
71	Protective effect of TSLP delivered at the gut mucosa level by recombinant lactic acid bacteria in DSS-induced colitis mouse model. <i>Microbial Cell Factories</i> , <b>2015</b> , 14, 176	6.4	17
70	Current Review of Genetically Modified Lactic Acid Bacteria for the Prevention and Treatment of Colitis Using Murine Models. <i>Gastroenterology Research and Practice</i> , <b>2015</b> , 2015, 146972	2	45
69	Effect of iron on the probiotic properties of the vaginal isolate <i>Lactobacillus jensenii</i> CECT 4306. <i>Microbiology (United Kingdom)</i> , <b>2015</b> , 161, 708-18	2.9	13
68	Milk fermented with a 15-lipoxygenase-1-producing <i>Lactococcus lactis</i> alleviates symptoms of colitis in a murine model. <i>Current Pharmaceutical Biotechnology</i> , <b>2015</b> , 16, 424-9	2.6	17
67	Novel role of the serine protease inhibitor elafin in gluten-related disorders. <i>American Journal of Gastroenterology</i> , <b>2014</b> , 109, 748-56	0.7	40
66	Gut ecosystem: how microbes help us. <i>Beneficial Microbes</i> , <b>2014</b> , 5, 219-33	4.9	21

65	Effects in the use of a genetically engineered strain of <i>Lactococcus lactis</i> delivering in situ IL-10 as a therapy to treat low-grade colon inflammation. <i>Human Vaccines and Immunotherapeutics</i> , <b>2014</b> , 10, 1611-1621	4.4	53
64	The role of metagenomics in understanding the human microbiome in health and disease. <i>Virulence</i> , <b>2014</b> , 5, 413-23	4.7	59
63	Protective effects of lactococci strains delivering either IL-10 protein or cDNA in a TNBS-induced chronic colitis model. <i>Journal of Clinical Gastroenterology</i> , <b>2014</b> , 48 Suppl 1, S12-7	3	29
62	Genetically engineered immunomodulatory <i>Streptococcus thermophilus</i> strains producing antioxidant enzymes exhibit enhanced anti-inflammatory activities. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 869-77	4.8	68
61	The commensal bacterium <i>Faecalibacterium prausnitzii</i> is protective in DNBS-induced chronic moderate and severe colitis models. <i>Inflammatory Bowel Diseases</i> , <b>2014</b> , 20, 417-30	4.5	139
60	The dual role of MAPK pathway in the regulation of intestinal barrier: the role of the commensal bacterium <i>Faecalibacterium prausnitzii</i> on this regulation. <i>Inflammatory Bowel Diseases</i> , <b>2014</b> , 20, E17-8	4.5	4
59	Ecology and metabolism of the beneficial intestinal commensal bacterium <i>Faecalibacterium prausnitzii</i> . <i>Gut Microbes</i> , <b>2014</b> , 5, 146-51	8.8	81
58	Nuclease A (Gbs0661), an extracellular nuclease of <i>Streptococcus agalactiae</i> , attacks the neutrophil extracellular traps and is needed for full virulence. <i>Molecular Microbiology</i> , <b>2013</b> , 89, 518-31	4.1	70
57	Engineering lactococci and lactobacilli for human health. <i>Current Opinion in Microbiology</i> , <b>2013</b> , 16, 278-83	8.9	117
56	Role of commensal and probiotic bacteria in human health: a focus on inflammatory bowel disease. <i>Microbial Cell Factories</i> , <b>2013</b> , 12, 71	6.4	146
55	Protection against human papillomavirus type 16-induced tumors in mice using non-genetically modified lactic acid bacteria displaying E7 antigen at its surface. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 1231-9	5.7	39
54	<i>Faecalibacterium prausnitzii</i> and human intestinal health. <i>Current Opinion in Microbiology</i> , <b>2013</b> , 16, 255-61	6.1	576
53	Implications of the human microbiome in inflammatory bowel diseases. <i>FEMS Microbiology Letters</i> , <b>2013</b> , 342, 10-7	2.9	41
52	Identification of one novel candidate probiotic <i>Lactobacillus plantarum</i> strain active against influenza virus infection in mice by a large-scale screening. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 1491-9	4.8	78
51	Mucosal targeting of therapeutic molecules using genetically modified lactic acid bacteria: an update. <i>FEMS Microbiology Letters</i> , <b>2013</b> , 344, 1-9	2.9	60
50	Development of a Stress-Inducible Controlled Expression (SICE) system in <i>Lactococcus lactis</i> for the production and delivery of therapeutic molecules at mucosal surfaces. <i>Journal of Biotechnology</i> , <b>2013</b> , 168, 120-9	3.7	75
49	Food-grade bacteria expressing elafin protect against inflammation and restore colon homeostasis. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 158ra144	17.5	150
48	Sa2061 Protective and Curative Effect of <i>Faecalibacterium prausnitzii</i> in a Chronic DNBS-Induced Murine Colitis. <i>Gastroenterology</i> , <b>2012</b> , 142, S-392	13.3	3

47	Anti-inflammatory properties of dairy lactobacilli. <i>Inflammatory Bowel Diseases</i> , <b>2012</b> , 18, 657-66	4.5	46
46	Inactivation of the ybdD gene in <i>Lactococcus lactis</i> increases the amounts of exported proteins. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 7148-51	4.8	3
45	Functional analysis of the <i>Lactobacillus casei</i> BL23 sortases. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 8684-93	4.8	39
44	Importance of Commensal and Probiotic Bacteria in Human Health. <i>Current Immunology Reviews</i> , <b>2012</b> , 8, 248-253	1.3	4
43	Mucosal co-immunization of mice with recombinant lactococci secreting VapA antigen and leptin elicits a protective immune response against <i>Rhodococcus equi</i> infection. <i>Vaccine</i> , <b>2011</b> , 30, 95-102	4.1	23
42	Lactococci and lactobacilli as mucosal delivery vectors for therapeutic proteins and DNA vaccines. <i>Microbial Cell Factories</i> , <b>2011</b> , 10 Suppl 1, S4	6.4	159
41	Intestinal mucosal adherence and translocation of commensal bacteria at the early onset of type 2 diabetes: molecular mechanisms and probiotic treatment. <i>EMBO Molecular Medicine</i> , <b>2011</b> , 3, 559-72	12	537
40	Use of superoxide dismutase and catalase producing lactic acid bacteria in TNBS induced Crohn's disease in mice. <i>Journal of Biotechnology</i> , <b>2011</b> , 151, 287-93	3.7	113
39	Perspectives for the development of human papillomavirus vaccines and immunotherapy. <i>Expert Review of Vaccines</i> , <b>2010</b> , 9, 35-44	5.2	13
38	Intragastric administration of a superoxide dismutase-producing recombinant <i>Lactobacillus casei</i> BL23 strain attenuates DSS colitis in mice. <i>International Journal of Food Microbiology</i> , <b>2010</b> , 144, 35-41	5.8	97
37	Variations of N-acetylation level of peptidoglycan do not influence persistence of <i>Lactococcus lactis</i> in the gastrointestinal tract. <i>International Journal of Food Microbiology</i> , <b>2010</b> , 144, 29-34	5.8	5
36	Heterologous production of human papillomavirus type-16 L1 protein by a lactic acid bacterium. <i>BMC Research Notes</i> , <b>2009</b> , 2, 167	2.3	14
35	Protective effects of a heme oxygenase-1-secreting <i>Lactococcus lactis</i> on mucosal injury induced by hemorrhagic shock in rats. <i>Journal of Surgical Research</i> , <b>2009</b> , 153, 39-45	2.5	13
34	Allergy therapy by intranasal administration with recombinant <i>Lactococcus lactis</i> Producing bovine beta-lactoglobulin. <i>International Archives of Allergy and Immunology</i> , <b>2009</b> , 150, 25-31	3.7	26
33	<i>Lactococcus lactis</i> as a live vector for mucosal delivery of therapeutic proteins. <i>Hum Vaccin</i> , <b>2009</b> , 5, 264-7		71
32	Development of Mucosal Vaccines Based on Lactic Acid Bacteria <b>2009</b> , 1099-1122		2
31	Production of biologically active CXC chemokines by <i>Lactococcus lactis</i> : evaluation of its potential as a novel mucosal vaccine adjuvant. <i>Vaccine</i> , <b>2008</b> , 26, 5778-83	4.1	13
30	<i>Lactococcus lactis</i> , an efficient cell factory for recombinant protein production and secretion. <i>Journal of Molecular Microbiology and Biotechnology</i> , <b>2008</b> , 14, 48-58	0.9	187

29	Faecalibacterium prausnitzii is an anti-inflammatory commensal bacterium identified by gut microbiota analysis of Crohn disease patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 16731-6	11.5	2742
28	Current prophylactic and therapeutic uses of a recombinant Lactococcus lactis strain secreting biologically active interleukin-12. <i>Journal of Molecular Microbiology and Biotechnology</i> , <b>2008</b> , 14, 80-9	0.9	10
27	Anti-inflammatory Properties of Lactic Acid Bacteria: Current Knowledge, Applications and Prospects. <i>Anti-Infective Agents in Medicinal Chemistry</i> , <b>2008</b> , 7, 148-154		6
26	Production of biological active murine IFN-gamma by recombinant Lactococcus lactis. <i>FEMS Microbiology Letters</i> , <b>2008</b> , 280, 144-9	2.9	20
25	Intragastric administration with recombinant Lactococcus lactis producing heme oxygenase-1 prevents lipopolysaccharide-induced endotoxemia in rats. <i>FEMS Microbiology Letters</i> , <b>2008</b> , 283, 62-8	2.9	9
24	Anti-inflammatory effects of Lactobacillus casei BL23 producing or not a manganese-dependant catalase on DSS-induced colitis in mice. <i>Microbial Cell Factories</i> , <b>2007</b> , 6, 22	6.4	93
23	Consumption of Camembert cheese stimulates commensal enterococci in healthy human intestinal microbiota. <i>FEMS Microbiology Letters</i> , <b>2007</b> , 276, 189-92	2.9	10
22	Effects of intranasal administration of a leptin-secreting Lactococcus lactis recombinant on food intake, body weight, and immune response of mice. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 5300-7	4.8	29
21	Intranasal coadministration of live lactococci producing interleukin-12 and a major cow's milk allergen inhibits allergic reaction in mice. <i>Vaccine Journal</i> , <b>2007</b> , 14, 226-33		37
20	Influence of the route of immunization and the nature of the bacterial vector on immunogenicity of mucosal vaccines based on lactic acid bacteria. <i>Vaccine</i> , <b>2007</b> , 25, 6581-8	4.1	66
19	Antimicrobial activity of divercin RV41 produced and secreted by Lactococcus lactis. <i>Journal of Molecular Microbiology and Biotechnology</i> , <b>2007</b> , 13, 259-63	0.9	5
18	Construction and characterization of a Lactococcus lactis strain deficient in intracellular ClpP and extracellular HtrA proteases. <i>Microbiology (United Kingdom)</i> , <b>2006</b> , 152, 2611-2618	2.9	36
17	Heterologous expression of Brucella abortus GroEL heat-shock protein in Lactococcus lactis. <i>Microbial Cell Factories</i> , <b>2006</b> , 5, 14	6.4	21
16	Immunomodulatory effects of IL-12 secreted by Lactococcus lactis on Th1/Th2 balance in ovalbumin (OVA)-induced asthma model mice. <i>International Immunopharmacology</i> , <b>2006</b> , 6, 610-5	5.8	36
15	Protein secretion in Lactococcus lactis : an efficient way to increase the overall heterologous protein production. <i>Microbial Cell Factories</i> , <b>2005</b> , 4, 2	6.4	157
14	Cell-surface display of E7 antigen from human papillomavirus type-16 in Lactococcus lactis and in Lactobacillus plantarum using a new cell-wall anchor from lactobacilli. <i>Journal of Drug Targeting</i> , <b>2005</b> , 13, 89-98	5.4	68
13	Improvement of bovine beta-lactoglobulin production and secretion by Lactococcus lactis. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2005</b> , 38, 353-9	2.8	16
12	A novel mucosal vaccine based on live Lactococci expressing E7 antigen and IL-12 induces systemic and mucosal immune responses and protects mice against human papillomavirus type 16-induced tumors. <i>Journal of Immunology</i> , <b>2005</b> , 175, 7297-302	5.3	162



11	An inducible surface presentation system improves cellular immunity against human papillomavirus type 16 E7 antigen in mice after nasal administration with recombinant lactococci. <i>Journal of Medical Microbiology</i> , <b>2004</b> , 53, 427-433	3.2	112
10	Controlled intra- or extracellular production of staphylococcal nuclease and ovine omega interferon in <i>Lactococcus lactis</i> . <i>FEMS Microbiology Letters</i> , <b>2003</b> , 224, 307-13	2.9	66
9	Mice immunization with live lactococci displaying a surface anchored HPV-16 E7 oncoprotein. <i>FEMS Microbiology Letters</i> , <b>2003</b> , 229, 37-42	2.9	66
8	Fusion to a carrier protein and a synthetic propeptide enhances E7 HPV-16 production and secretion in <i>Lactococcus lactis</i> . <i>Biotechnology Progress</i> , <b>2003</b> , 19, 1101-4	2.8	28
7	Intranasal immunization with recombinant <i>Lactococcus lactis</i> secreting murine interleukin-12 enhances antigen-specific Th1 cytokine production. <i>Infection and Immunity</i> , <b>2003</b> , 71, 1887-96	3.7	105
6	Molecular sexing of monomorphic endangered Ara birds. <i>The Journal of Experimental Zoology</i> , <b>2002</b> , 292, 677-80		17
5	Loss of restriction site Ddel, used for avian molecular sexing, in <i>Oreophasis derbianus</i> . <i>Reproduction in Domestic Animals</i> , <b>2002</b> , 37, 321-3	1.6	8
4	Controlled production of stable heterologous proteins in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , <b>2002</b> , 68, 3141-6	4.8	81
3	Production of human papillomavirus type 16 E7 protein in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , <b>2002</b> , 68, 917-22	4.8	104
2	Lactic Acid Bacteria as Live Vectors: Heterologous Protein Production and Delivery Systems 161-176		4
1	Anti-microbiota vaccines modulate the tick microbiome in a taxon-specific manner		1