

Maria C Urdaci

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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.

54
papers

2,877
citations

31
h-index

53
g-index

58
ext. papers

3,314
ext. citations

3.7
avg, IF

4.76
L-index

#	Paper	IF	Citations
54	Bacillus subtilis isolated from the human gastrointestinal tract. <i>Research in Microbiology</i> , 2009 , 160, 134-43	4.3	178
53	Isolation and characterization of two exopolysaccharides produced by Lactobacillus plantarum EP56. <i>Research in Microbiology</i> , 2003 , 154, 705-12	4	170
52	In vitro anti-Helicobacter pylori activity of the probiotic strain Bacillus subtilis 3 is due to secretion of antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 3156-61	5.9	161
51	Extracellular proteins secreted by probiotic bacteria as mediators of effects that promote mucosa-bacteria interactions. <i>Microbiology (United Kingdom)</i> , 2010 , 156, 3232-3242	2.9	132
50	Femtosecond laser surface texturing of titanium as a method to reduce the adhesion of Staphylococcus aureus and biofilm formation. <i>Applied Surface Science</i> , 2016 , 360, 485-493	6.7	128
49	Biochemical and genetic characterization of coagulin, a new antilisterial bacteriocin in the pediocin family of bacteriocins, produced by Bacillus coagulans I(4). <i>Applied and Environmental Microbiology</i> , 2000 , 66, 5213-20	4.8	123
48	The safety of two Bacillus probiotic strains for human use. <i>Digestive Diseases and Sciences</i> , 2008 , 53, 954-63	6.3	113
47	Yeast mutant affected for viability upon nutrient starvation: characterization and cloning of the RVS161 gene. <i>Yeast</i> , 1991 , 7, 727-43	3.4	113
46	Exopolysaccharides produced by the recently described halophilic bacteria Halomonas ventosae and Halomonas anticariensis. <i>Research in Microbiology</i> , 2006 , 157, 827-35	4	112
45	Bacillus clausii probiotic strains: antimicrobial and immunomodulatory activities. <i>Journal of Clinical Gastroenterology</i> , 2004 , 38, S86-90	3	107
44	Flavonoids induce apoptosis in human leukemia U937 cells through caspase- and caspase-calpain-dependent pathways. <i>Nutrition and Cancer</i> , 2004 , 50, 90-100	2.8	105
43	Exported proteins in probiotic bacteria: adhesion to intestinal surfaces, host immunomodulation and molecular cross-talking with the host. <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 54, 1-17		101
42	Amicoumacin antibiotic production and genetic diversity of Bacillus subtilis strains isolated from different habitats. <i>Research in Microbiology</i> , 2002 , 153, 269-76	4	90
41	Probiotics as Complementary Treatment for Metabolic Disorders. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 291-303	5	83
40	Effect of green and black teas (Camellia sinensis L.) on the characteristic microflora of yogurt during fermentation and refrigerated storage. <i>Food Chemistry</i> , 2009 , 112, 614-620	8.5	77
39	Probiotic strain Bacillus subtilis CU1 stimulates immune system of elderly during common infectious disease period: a randomized, double-blind placebo-controlled study. <i>Immunity and Ageing</i> , 2015 , 12, 24	9.7	63
38	Microbiota/host crosstalk biomarkers: regulatory response of human intestinal dendritic cells exposed to Lactobacillus extracellular encrypted peptide. <i>PLoS ONE</i> , 2012 , 7, e36262	3.7	63

37	Secreted Compounds of the Probiotic <i>Bacillus clausii</i> Strain O/C Inhibit the Cytotoxic Effects Induced by <i>Clostridium difficile</i> and <i>Bacillus cereus</i> Toxins. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3445-54	5.9	55
36	Characterization of the exopolysaccharide produced by <i>Salipiger mucosus</i> A3, a halophilic species belonging to the Alphaproteobacteria, isolated on the Spanish Mediterranean seaboard. <i>Marine Drugs</i> , 2010 , 8, 2240-51	6	54
35	Flavonoids inhibit hypoxia-induced vascular endothelial growth factor expression by a HIF-1 independent mechanism. <i>Biochemical Pharmacology</i> , 2010 , 79, 1600-9	6	53
34	Safety assessment of <i>Bacillus subtilis</i> CU1 for use as a probiotic in humans. <i>Regulatory Toxicology and Pharmacology</i> , 2017 , 83, 54-65	3.4	51
33	Altered human gut dendritic cell properties in ulcerative colitis are reversed by <i>Lactobacillus plantarum</i> extracellular encrypted peptide STp. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1132-43	5.9	49
32	Composition and gene expression of the <i>cag</i> pathogenicity island in <i>Helicobacter pylori</i> strains isolated from gastric carcinoma and gastritis patients in Costa Rica. <i>Infection and Immunity</i> , 2001 , 69, 1902-8	3.7	46
31	Safety characterization and antimicrobial properties of kefir-isolated <i>Lactobacillus kefir</i> . <i>BioMed Research International</i> , 2014 , 2014, 208974	3	44
30	Identification by in situ hybridization of segmented filamentous bacteria in the intestine of diarrheic rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Research in Microbiology</i> , 2001 , 152, 67-73	4	41
29	Identification of novel proteins secreted by <i>Lactobacillus rhamnosus</i> GG grown in de Mann-Rogosa-Sharpe broth. <i>Letters in Applied Microbiology</i> , 2009 , 48, 618-22	2.9	39
28	Direct detection of yeast mutants with reduced viability on plates by erythrosine B staining. <i>Analytical Biochemistry</i> , 1991 , 193, 225-30	3.1	39
27	Identification of novel proteins secreted by <i>Lactobacillus plantarum</i> that bind to mucin and fibronectin. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2009 , 17, 158-62	0.9	38
26	Adhesion properties of potentially probiotic <i>Lactobacillus kefir</i> to gastrointestinal mucus. <i>Journal of Dairy Research</i> , 2014 , 81, 16-23	1.6	34
25	Occurrence of nitrogen fixation among <i>Vibrio</i> spp.. <i>Archives of Microbiology</i> , 1988 , 150, 224-229	3	32
24	<i>Lactobacillus plantarum</i> extracellular chitin-binding protein and its role in the interaction between chitin, Caco-2 cells, and mucin. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 1123-6	4.8	31
23	Characterization of the adherence properties of human <i>Lactobacilli</i> strains to be used as vaginal probiotics. <i>FEMS Microbiology Letters</i> , 2012 , 328, 166-73	2.9	29
22	In vivo screening of multiple bacterial strains identifies <i>Lactobacillus rhamnosus</i> Lb102 and <i>Bifidobacterium animalis</i> ssp. <i>lactis</i> Bf141 as probiotics that improve metabolic disorders in a mouse model of obesity. <i>FASEB Journal</i> , 2019 , 33, 4921-4935	0.9	29
21	EP1 a Promising Anti-inflammatory Probiotic Able to Stimulate sIgA and to Increase Abundance. <i>Frontiers in Immunology</i> , 2017 , 8, 88	8.4	27
20	Identification of surface-associated proteins in the probiotic bacterium <i>Lactobacillus rhamnosus</i> GG. <i>International Dairy Journal</i> , 2009 , 19, 85-88	3.5	26

19	Modulatory effects of a cranberry extract co-supplementation with <i>Bacillus subtilis</i> CU1 probiotic on phenolic compounds bioavailability and gut microbiota composition in high-fat diet-fed mice. <i>PharmaNutrition</i> , 2015 , 3, 89-100	2.9	24
18	<i>Bacillus axarquiensis</i> sp. nov. and <i>Bacillus malacitensis</i> sp. nov., isolated from river-mouth sediments in southern Spain. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 1279-1285	2.2	23
17	A method for the identification of proteins secreted by lactic acid bacteria grown in complex media. <i>FEMS Microbiology Letters</i> , 2009 , 295, 226-9	2.9	20
16	Specific interactions of clausin, a new lantibiotic, with lipid precursors of the bacterial cell wall. <i>Biophysical Journal</i> , 2009 , 97, 1390-7	2.9	20
15	A flagellin-producing <i>Lactococcus</i> strain: interactions with mucin and enteropathogens. <i>FEMS Microbiology Letters</i> , 2011 , 318, 101-7	2.9	19
14	Adhesive properties, extracellular protein production, and metabolism in the <i>Lactobacillus rhamnosus</i> GG strain when grown in the presence of mucin. <i>Journal of Microbiology and Biotechnology</i> , 2010 , 20, 978-84	3.3	18
13	Safety and potential beneficial properties of <i>Enterococcus</i> strains isolated from kefir. <i>International Dairy Journal</i> , 2014 , 39, 193-200	3.5	15
12	Association of levels of antibodies from patients with inflammatory bowel disease with extracellular proteins of food and probiotic bacteria. <i>BioMed Research International</i> , 2014 , 2014, 351204 ³		15
11	Effect of iron on the probiotic properties of the vaginal isolate <i>Lactobacillus jensenii</i> CECT 4306. <i>Microbiology (United Kingdom)</i> , 2015 , 161, 708-18	2.9	13
10	Antidiarrheal Action of CU1 CNCM I-2745 and CNCM I-4547 in Mice. <i>Frontiers in Microbiology</i> , 2018 , 9, 1537	5.7	12
9	Extracellular proteins from <i>Lactobacillus plantarum</i> BMCM12 prevent adhesion of enteropathogens to mucin. <i>Current Microbiology</i> , 2012 , 64, 592-6	2.4	12
8	Characterization of lipoteichoic acid structures from three probiotic <i>Bacillus</i> strains: involvement of D-alanine in their biological activity. <i>Antonie Van Leeuwenhoek</i> , 2014 , 106, 693-706	2.1	11
7	Original preparation of conjugates for antibody production against Amicoumacin-related anti-microbial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 9383-91	3.4	11
6	<i>Lactobacillus rhamnosus</i> GG increases cyclooxygenase-2 expression and prostaglandin E2 secretion in colonic myofibroblasts via a MyD88-dependent mechanism during homeostasis. <i>Cellular Microbiology</i> , 2018 , 20, e12871	3.9	9
5	Sequence of the yeast gene RVS 161 located on chromosome III. <i>Yeast</i> , 1990 , 6, 173-6	3.4	8
4	RAPD analysis of genetic diversity and qualitative assessment of hydrolytic activities in a collection of <i>Bacillus</i> sp. isolate. <i>Archives of Biological Sciences</i> , 2009 , 61, 645-652	0.7	5
3	Some immunomodulatory effects of probiotic bacteria might be due to porcine neutrophil elastase inhibitor, a serpin present in MRS broth. <i>Immunology Letters</i> , 2009 , 122, 99-100	4.1	4
2	Characterization by Tandem Mass Spectrometry of Biologically Active Compounds Produced by <i>Bacillus</i> Strains. <i>Journal of Applied Bioanalysis</i> , 2015 , 1, 19-25	1.3	2

- 1 ProReg XL Tool: an easy-to-use computer tool suite for rapidly regrouping a large number of identical electrophoretic profiles. *BioTechniques*, **2009**, 46, 441-50 2.5