

# Maria C Urdaci

## 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.

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	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> , <b>2019</b> , 33, 4921-4935	0.9	29
53	Antidiarrheal Action of CU1 CNCM I-2745 and CNCM I-4547 in Mice. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1537	5.7	12
52	<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> , <b>2018</b> , 20, e12871	3.9	9
51	Safety assessment of <i>Bacillus subtilis</i> CU1 for use as a probiotic in humans. <i>Regulatory Toxicology and Pharmacology</i> , <b>2017</b> , 83, 54-65	3.4	51
50	EP1 a Promising Anti-inflammatory Probiotic Able to Stimulate sIgA and to Increase Abundance. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 88	8.4	27
49	Femtosecond laser surface texturing of titanium as a method to reduce the adhesion of <i>Staphylococcus aureus</i> and biofilm formation. <i>Applied Surface Science</i> , <b>2016</b> , 360, 485-493	6.7	128
48	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> , <b>2016</b> , 60, 3445-54	5.9	55
47	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> , <b>2015</b> , 3, 89-100	2.9	24
46	Probiotic strain <i>Bacillus subtilis</i> CU1 stimulates immune system of elderly during common infectious disease period: a randomized, double-blind placebo-controlled study. <i>Immunity and Ageing</i> , <b>2015</b> , 12, 24	9.7	63
45	Probiotics as Complementary Treatment for Metabolic Disorders. <i>Diabetes and Metabolism Journal</i> , <b>2015</b> , 39, 291-303	5	83
44	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
43	Characterization by Tandem Mass Spectrometry of Biologically Active Compounds Produced by <i>Bacillus</i> Strains. <i>Journal of Applied Bioanalysis</i> , <b>2015</b> , 1, 19-25	1.3	2
42	Safety and potential beneficial properties of <i>Enterococcus</i> strains isolated from kefir. <i>International Dairy Journal</i> , <b>2014</b> , 39, 193-200	3.5	15
41	Safety characterization and antimicrobial properties of kefir-isolated <i>Lactobacillus kefir</i> . <i>BioMed Research International</i> , <b>2014</b> , 2014, 208974	3	44
40	Adhesion properties of potentially probiotic <i>Lactobacillus kefir</i> to gastrointestinal mucus. <i>Journal of Dairy Research</i> , <b>2014</b> , 81, 16-23	1.6	34
39	Association of levels of antibodies from patients with inflammatory bowel disease with extracellular proteins of food and probiotic bacteria. <i>BioMed Research International</i> , <b>2014</b> , 2014, 351204 <sup>3</sup>		15
38	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> , <b>2014</b> , 58, 1132-43 <sup>5.9</sup>		49

37	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> , <b>2014</b> , 106, 693-706	2.1	11
36	Microbiota/host crosstalk biomarkers: regulatory response of human intestinal dendritic cells exposed to <i>Lactobacillus</i> extracellular encrypted peptide. <i>PLoS ONE</i> , <b>2012</b> , 7, e36262	3.7	63
35	Extracellular proteins from <i>Lactobacillus plantarum</i> BMCM12 prevent adhesion of enteropathogens to mucin. <i>Current Microbiology</i> , <b>2012</b> , 64, 592-6	2.4	12
34	Characterization of the adherence properties of human <i>Lactobacilli</i> strains to be used as vaginal probiotics. <i>FEMS Microbiology Letters</i> , <b>2012</b> , 328, 166-73	2.9	29
33	A flagellin-producing <i>Lactococcus</i> strain: interactions with mucin and enteropathogens. <i>FEMS Microbiology Letters</i> , <b>2011</b> , 318, 101-7	2.9	19
32	<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> , <b>2011</b> , 77, 1123-6	4.8	31
31	Extracellular proteins secreted by probiotic bacteria as mediators of effects that promote mucosa-bacteria interactions. <i>Microbiology (United Kingdom)</i> , <b>2010</b> , 156, 3232-3242	2.9	132
30	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> , <b>2010</b> , 8, 2240-51	6	54
29	Flavonoids inhibit hypoxia-induced vascular endothelial growth factor expression by a HIF-1 independent mechanism. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 1600-9	6	53
28	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> , <b>2010</b> , 20, 978-84	3.3	18
27	ProReg XL Tool: an easy-to-use computer tool suite for rapidly regrouping a large number of identical electrophoretic profiles. <i>BioTechniques</i> , <b>2009</b> , 46, 441-50	2.5	
26	Some immunomodulatory effects of probiotic bacteria might be due to porcine neutrophil elastase inhibitor, a serpin present in MRS broth. <i>Immunology Letters</i> , <b>2009</b> , 122, 99-100	4.1	4
25	A method for the identification of proteins secreted by lactic acid bacteria grown in complex media. <i>FEMS Microbiology Letters</i> , <b>2009</b> , 295, 226-9	2.9	20
24	Identification of novel proteins secreted by <i>Lactobacillus rhamnosus</i> GG grown in de Mann-Rogosa-Sharpe broth. <i>Letters in Applied Microbiology</i> , <b>2009</b> , 48, 618-22	2.9	39
23	Effect of green and black teas ( <i>Camellia sinensis</i> L.) on the characteristic microflora of yogurt during fermentation and refrigerated storage. <i>Food Chemistry</i> , <b>2009</b> , 112, 614-620	8.5	77
22	<i>Bacillus subtilis</i> isolated from the human gastrointestinal tract. <i>Research in Microbiology</i> , <b>2009</b> , 160, 134-43		178
21	Identification of surface-associated proteins in the probiotic bacterium <i>Lactobacillus rhamnosus</i> GG. <i>International Dairy Journal</i> , <b>2009</b> , 19, 85-88	3.5	26
20	Specific interactions of clausin, a new lantibiotic, with lipid precursors of the bacterial cell wall. <i>Biophysical Journal</i> , <b>2009</b> , 97, 1390-7	2.9	20

19	Identification of novel proteins secreted by <i>Lactobacillus plantarum</i> that bind to mucin and fibronectin. <i>Journal of Molecular Microbiology and Biotechnology</i> , <b>2009</b> , 17, 158-62	0.9	38
18	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> , <b>2009</b> , 61, 645-652	0.7	5
17	The safety of two <i>Bacillus</i> probiotic strains for human use. <i>Digestive Diseases and Sciences</i> , <b>2008</b> , 53, 954-63	4.3	113
16	Original preparation of conjugates for antibody production against Amicoumacin-related anti-microbial agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 9383-91	3.4	11
15	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> , <b>2008</b> , 54, 1-17		101
14	Exopolysaccharides produced by the recently described halophilic bacteria <i>Halomonas ventosae</i> and <i>Halomonas anticariensis</i> . <i>Research in Microbiology</i> , <b>2006</b> , 157, 827-35	4	112
13	<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> , <b>2005</b> , 55, 1279-1285	2.2	23
12	Flavonoids induce apoptosis in human leukemia U937 cells through caspase- and caspase-calpain-dependent pathways. <i>Nutrition and Cancer</i> , <b>2004</b> , 50, 90-100	2.8	105
11	<i>Bacillus clausii</i> probiotic strains: antimicrobial and immunomodulatory activities. <i>Journal of Clinical Gastroenterology</i> , <b>2004</b> , 38, S86-90	3	107
10	Isolation and characterization of two exopolysaccharides produced by <i>Lactobacillus plantarum</i> EP56. <i>Research in Microbiology</i> , <b>2003</b> , 154, 705-12	4	170
9	Amicoumacin antibiotic production and genetic diversity of <i>Bacillus subtilis</i> strains isolated from different habitats. <i>Research in Microbiology</i> , <b>2002</b> , 153, 269-76	4	90
8	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> , <b>2001</b> , 69, 1902-8	3.7	46
7	In vitro anti- <i>Helicobacter pylori</i> activity of the probiotic strain <i>Bacillus subtilis</i> 3 is due to secretion of antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2001</b> , 45, 3156-61	5.9	161
6	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> , <b>2001</b> , 152, 67-73	4	41
5	Biochemical and genetic characterization of coagulin, a new antilisterial bacteriocin in the pediocin family of bacteriocins, produced by <i>Bacillus coagulans</i> I(4). <i>Applied and Environmental Microbiology</i> , <b>2000</b> , 66, 5213-20	4.8	123
4	Direct detection of yeast mutants with reduced viability on plates by erythrosine B staining. <i>Analytical Biochemistry</i> , <b>1991</b> , 193, 225-30	3.1	39
3	Yeast mutant affected for viability upon nutrient starvation: characterization and cloning of the RVS161 gene. <i>Yeast</i> , <b>1991</b> , 7, 727-43	3.4	113
2	Sequence of the yeast gene RVS 161 located on chromosome III. <i>Yeast</i> , <b>1990</b> , 6, 173-6	3.4	8

- 1 Occurrence of nitrogen fixation among *Vibrio* spp.. *Archives of Microbiology*, **1988**, 150, 224-229 3 32