

Paloma LÃ³pez GarcÃ­a

List of Publications by Year in descending order

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106
papers

4,167
citations

126708

33
h-index

128067

60
g-index

109
all docs

109
docs citations

109
times ranked

3692
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-Inflammatory Effect of an O-2-Substituted (1-3)- β -D-Glucan Produced by <i>Pediococcus parvulus</i> 2.6 in a Caco-2 PMA-THP-1 Co-Culture Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1527.	1.8	5
2	Biological Functions of Exopolysaccharides from Lactic Acid Bacteria and Their Potential Benefits for Humans and Farmed Animals. <i>Foods</i> , 2022, 11, 1284.	1.9	31
3	The role of dextran production in the metabolic context of <i>Leuconostoc</i> and <i>Weissella</i> Tunisian strains. <i>Carbohydrate Polymers</i> , 2021, 253, 117254.	5.1	22
4	Selection of Riboflavin Overproducing Strains of Lactic Acid Bacteria and Riboflavin Direct Quantification by Fluorescence. <i>Methods in Molecular Biology</i> , 2021, 2280, 3-14.	0.4	5
5	Evaluation of an O2-Substituted (1 β -3)- β -D-Glucan, Produced by <i>Pediococcus parvulus</i> 2.6, in ex vivo Models of Crohn \u00e9 s Disease. <i>Frontiers in Microbiology</i> , 2021, 12, 621280.	1.5	5
6	Lactic Acid Bacteria Isolated from Fermented Doughs in Spain Produce Dextran and Riboflavin. <i>Foods</i> , 2021, 10, 2004.	1.9	17
7	The Ability of Riboflavin-Overproducing <i>Lactiplantibacillus plantarum</i> Strains to Survive Under Gastrointestinal Conditions. <i>Frontiers in Microbiology</i> , 2020, 11, 591945.	1.5	5
8	Real-Time Detection of Riboflavin Production by <i>Lactobacillus plantarum</i> Strains and Tracking of Their Gastrointestinal Survival and Functionality in vitro and in vivo Using mCherry Labeling. <i>Frontiers in Microbiology</i> , 2019, 10, 1748.	1.5	32
9	Functional and Nutritious Beverages Produced by Lactic Acid Bacteria. , 2019, , 419-465.		10
10	Different Modes of Regulation of the Expression of Dextranase in <i>Leuconostoc lactis</i> AV1n and <i>Lactobacillus sakei</i> MN1. <i>Frontiers in Microbiology</i> , 2019, 10, 959.	1.5	15
11	Heteropolysaccharide-producing bifidobacteria for the development of functional dairy products. <i>LWT - Food Science and Technology</i> , 2019, 102, 295-303.	2.5	9
12	Characterization of dextran produced by <i>Lactobacillus mali</i> CUPV271 and <i>Leuconostoc carnosum</i> CUPV411. <i>Food Hydrocolloids</i> , 2019, 89, 613-622.	5.6	31
13	Probiotic properties and stress response of thermotolerant lactic acid bacteria isolated from cooked meat products. <i>LWT - Food Science and Technology</i> , 2018, 91, 249-257.	2.5	41
14	Disclosing diversity of exopolysaccharide-producing lactobacilli from Spanish natural ciders. <i>LWT - Food Science and Technology</i> , 2018, 90, 469-474.	2.5	9
15	Characterization of <i>Pediococcus ethanolidurans</i> CUPV141: A β -D-glucan- and Heteropolysaccharide-Producing Bacterium. <i>Frontiers in Microbiology</i> , 2018, 9, 2041.	1.5	10
16	Analysis of technological and probiotic properties of Algerian <i>L. mesenteroides</i> strains isolated from dairy and non-dairy products. <i>Journal of Functional Foods</i> , 2018, 49, 351-361.	1.6	15
17	β -D-Glucan-Producing <i>Pediococcus parvulus</i> 2.6: Test of Probiotic and Immunomodulatory Properties in Zebrafish Models. <i>Frontiers in Microbiology</i> , 2018, 9, 1684.	1.5	34
18	Dextran production by <i>Lactobacillus sakei</i> MN1 coincides with reduced autoagglutination, biofilm formation and epithelial cell adhesion. <i>Carbohydrate Polymers</i> , 2017, 168, 22-31.	5.1	52

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19	Rheology and bioactivity of high molecular weight dextrans synthesised by lactic acid bacteria. <i>Carbohydrate Polymers</i> , 2017, 174, 646-657.	5.1	66
20	Food Ingredients Synthesized by Lactic Acid Bacteria. , 2017, , 89-124.		7
21	In Situ β -Glucan Fortification of Cereal-Based Matrices by <i>Pediococcus parvulus</i> 2.6: Technological Aspects and Prebiotic Potential. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1588.	1.8	31
22	Dextranucrase Expression Is Concomitant with that of Replication and Maintenance Functions of the pMN1 Plasmid in <i>Lactobacillus sakei</i> MN1. <i>Frontiers in Microbiology</i> , 2017, 8, 2281.	1.5	21
23	Characterization of the Sorbitol Utilization Cluster of the Probiotic <i>Pediococcus parvulus</i> 2.6: Genetic, Functional and Complementation Studies in Heterologous Hosts. <i>Frontiers in Microbiology</i> , 2017, 8, 2393.	1.5	15
24	The Response Regulator YycF Inhibits Expression of the Fatty Acid Biosynthesis Repressor FabT in <i>Streptococcus pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1326.	1.5	24
25	Draft Genome Sequence of <i>Pediococcus parvulus</i> 2.6, a Probiotic β -Glucan Producer Strain. <i>Genome Announcements</i> , 2016, 4, .	0.8	6
26	Draft Genome Sequence of <i>Lactobacillus collinoides</i> CUPV237, an Exopolysaccharide and Riboflavin Producer Isolated from Cider. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
27	<i>Lactobacillus plantarum</i> strains for multifunctional oat-based foods. <i>LWT - Food Science and Technology</i> , 2016, 68, 288-294.	2.5	81
28	Current and Future Applications of Bacterial Extracellular Polysaccharides. , 2016, , 329-344.		7
29	Construction and validation of a mCherry protein vector for promoter analysis in <i>Lactobacillus acidophilus</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 247-253.	1.4	24
30	Zebrafish gut colonization by mCherry-labelled lactic acid bacteria. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 3479-3490.	1.7	86
31	Dextrans produced by lactic acid bacteria exhibit antiviral and immunomodulatory activity against salmonid viruses. <i>Carbohydrate Polymers</i> , 2015, 124, 292-301.	5.1	94
32	Controlling the formation of biogenic amines in fermented foods. , 2015, , 273-310.		11
33	A partial proteome reference map of the wine lactic acid bacterium <i>Oenococcus oeni</i> ATCC BAA-1163. <i>Open Biology</i> , 2014, 4, 130154.	1.5	28
34	A bacteriocin gene cluster able to enhance plasmid maintenance in <i>Lactococcus lactis</i> . <i>Microbial Cell Factories</i> , 2014, 13, 77.	1.9	24
35	Riboflavin-overproducing strains of <i>Lactobacillus fermentum</i> for riboflavin-enriched bread. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3691-3700.	1.7	122
36	A specific immunological method to detect and quantify bacterial 2-substituted (1,3)- β -d-glucan. <i>Carbohydrate Polymers</i> , 2014, 113, 39-45.	5.1	17

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37	Probiotic abilities of riboflavin-overproducing <i>Lactobacillus</i> strains: a novel promising application of probiotics. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7569-7581.	1.7	85
38	Immunomodulation of human macrophages and myeloid cells by 2-substituted (1 β -3)- β -D-glucan from <i>P. parvulus</i> 2.6. <i>Carbohydrate Polymers</i> , 2014, 112, 109-113.	5.1	39
39	A new tool for cloning and gene expression in <i>Streptococcus pneumoniae</i> . <i>Plasmid</i> , 2013, 70, 247-253.	0.4	6
40	Comparative analysis of production and purification of homo- and hetero-polysaccharides produced by lactic acid bacteria. <i>Carbohydrate Polymers</i> , 2013, 93, 57-64.	5.1	95
41	Comparative Proteomic Analysis of <i>Lactobacillus plantarum</i> WCFS1 and β -glucanase Mutant Strains Under Physiological and Heat Stress Conditions. <i>International Journal of Molecular Sciences</i> , 2012, 13, 10680-10696.	1.8	33
42	Lactic acid bacteria producing B-group vitamins: a great potential for functional cereals products. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 1383-1394.	1.7	205
43	Biogenic amine production by the wine <i>Lactobacillus brevis</i> IOEB 9809 in systems that partially mimic the gastrointestinal tract stress. <i>BMC Microbiology</i> , 2012, 12, 247.	1.3	27
44	Beta-Glucans Improve Growth, Viability and Colonization of Probiotic Microorganisms. <i>International Journal of Molecular Sciences</i> , 2012, 13, 6026-6039.	1.8	131
45	Fluorescent protein vectors for promoter analysis in lactic acid bacteria and <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 171-181.	1.7	37
46	Evaluation of yogurt and various beverages as carriers of lactic acid bacteria producing 2-branched (1,3)- β -D-glucan. <i>Journal of Dairy Science</i> , 2011, 94, 3271-3278.	1.4	36
47	Role of Tyramine Synthesis by Food-Borne <i>Enterococcus durans</i> in Adaptation to the Gastrointestinal Tract Environment. <i>Applied and Environmental Microbiology</i> , 2011, 77, 699-702.	1.4	50
48	Naturally occurring 2-substituted (1,3)- β -D-glucan producing <i>Lactobacillus suebicus</i> and <i>Pediococcus parvulus</i> strains with potential utility in the production of functional foods. <i>Bioresource Technology</i> , 2010, 101, 9254-9263.	4.8	90
49	A real-time PCR assay for detection and quantification of 2-branched (1,3)- β -D-glucan producing lactic acid bacteria in cider. <i>International Journal of Food Microbiology</i> , 2010, 143, 26-31.	2.1	18
50	Biogenic amines in fermented foods. <i>European Journal of Clinical Nutrition</i> , 2010, 64, S95-S100.	1.3	348
51	Probiotic Properties of the 2-Substituted (1,3)- β -D-Glucan-Producing Bacterium <i>Pediococcus parvulus</i> 2.6. <i>Applied and Environmental Microbiology</i> , 2009, 75, 4887-4891.	1.4	86
52	Probiotic strains: survival under simulated gastrointestinal conditions, in vitro adhesion to Caco-2 cells and effect on cytokine secretion. <i>European Food Research and Technology</i> , 2008, 227, 1475-1484.	1.6	86
53	Activation of the Diacetyl/Acetoin Pathway in <i>Lactococcus lactis</i> subsp. <i>lactis</i> bv. diacetylactis CRL264 by Acidic Growth. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1988-1996.	1.4	66
54	Contribution of Citrate Metabolism to the Growth of <i>Lactococcus lactis</i> CRL264 at Low pH. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1136-1144.	1.4	67

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55	Processing of as - 48ABC RNA in AS-48 Enterocin Production by <i>Enterococcus faecalis</i> . <i>Journal of Bacteriology</i> , 2008, 190, 240-250.	1.0	20
56	Heterologous Expression of a Position 2-Substituted (1 α '3)- β -D-Glucan in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 5259-5262.	1.4	31
57	Isolation and Characterization of Unsaturated Fatty Acid Auxotrophs of <i>Streptococcus pneumoniae</i> and <i>Streptococcus mutans</i> . <i>Journal of Bacteriology</i> , 2007, 189, 8139-8144.	1.0	20
58	<i>Pediococcus parvulus</i> gtf Gene Encoding the GTF Glycosyltransferase and Its Application for Specific PCR Detection of β -D-Glucan-Producing Bacteria in Foods and Beverages. <i>Journal of Food Protection</i> , 2006, 69, 161-169.	0.8	93
59	Determinant role of <i>E. coli</i> RNase III in the decay of both specific and heterologous mRNAs. <i>FEMS Microbiology Letters</i> , 2006, 157, 31-38.	0.7	15
60	Evidence that the Essential Response Regulator YycF in <i>Streptococcus pneumoniae</i> Modulates Expression of Fatty Acid Biosynthesis Genes and Alters Membrane Composition. <i>Journal of Bacteriology</i> , 2005, 187, 2357-2367.	1.0	118
61	CitI, a Transcription Factor Involved in Regulation of Citrate Metabolism in Lactic Acid Bacteria. <i>Journal of Bacteriology</i> , 2005, 187, 5146-5155.	1.0	38
62	The Last Gene of the <i>fla</i> / <i>che</i> Operon in <i>Bacillus subtilis</i> , <i>ylxL</i> , Is Required for Maximal β -D Function. <i>Journal of Bacteriology</i> , 2004, 186, 4025-4029.	1.0	18
63	Effect of pyruvate kinase overproduction on glucose metabolism of <i>Lactococcus lactis</i> . <i>Microbiology (United Kingdom)</i> , 2004, 150, 1103-1111.	0.7	40
64	Development of an inducible system to control and easily monitor gene expression in <i>Lactococcus lactis</i> . <i>Plasmid</i> , 2004, 51, 256-264.	0.4	11
65	Enhancement of 2-methylbutanal formation in cheese by using a fluorescently tagged Lacticin 3147 producing <i>Lactococcus lactis</i> strain. <i>International Journal of Food Microbiology</i> , 2004, 93, 335-347.	2.1	55
66	Homologous and heterologous expression of RNase III from <i>Lactococcus lactis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 884-890.	1.0	9
67	Conversion of Pipecolic Acid into Lysine in <i>Penicillium chrysogenum</i> Requires Pipecolate Oxidase and Saccharopine Reductase: Characterization of the <i>lys7</i> Gene Encoding Saccharopine Reductase. <i>Journal of Bacteriology</i> , 2001, 183, 7165-7172.	1.0	26
68	Biochemical Analysis of Point Mutations in the ϵ -3 ϵ Exonuclease of DNA Polymerase I of <i>Streptococcus pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 19172-19181.	1.6	12
69	Construction of a Tightly Regulated Plasmid Vector for <i>Streptococcus pneumoniae</i> : Controlled Expression of the Green Fluorescent Protein. <i>Plasmid</i> , 2000, 43, 205-213.	0.4	30
70	Transcriptional Control of the Citrate-Inducible <i>cit</i> MCDEFGRP Operon, Encoding Genes Involved in Citrate Fermentation in <i>Leuconostoc paramesenteroides</i> . <i>Journal of Bacteriology</i> , 2000, 182, 3904-3912.	1.0	32
71	Expression of green fluorescent protein in <i>Lactococcus lactis</i> . <i>FEMS Microbiology Letters</i> , 2000, 183, 229-234.	0.7	18
72	Quantitative detection of <i>Streptococcus pneumoniae</i> cells harbouring single or multiple copies of the gene encoding the green fluorescent protein. <i>Microbiology (United Kingdom)</i> , 2000, 146, 1267-1273.	0.7	17

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73	Cloning and molecular characterization of the citrate utilization <i>citMCDEFGRP</i> cluster of <i>Leuconostoc paramesenteroides</i> . FEMS Microbiology Letters, 1999, 174, 231-238.	0.7	22
74	Cloning and molecular characterization of the citrate utilization <i>citMCDEFGRP</i> cluster of <i>Leuconostoc paramesenteroides</i> . FEMS Microbiology Letters, 1999, 174, 231-238.	0.7	20
75	Transcriptional Control of the Low-Temperature-Inducible <i>des</i> Gene, Encoding the Δ^5 Desaturase of <i>Bacillus subtilis</i> . Journal of Bacteriology, 1999, 181, 7028-7033.	1.0	80
76	Purification and properties of the 5'-3' exonuclease D190 A mutant of DNA polymerase I from <i>Streptococcus pneumoniae</i> . FEBS Journal, 1998, 252, 124-132.	0.2	9
77	RNA processing is involved in the post-transcriptional control of the <i>citQRP</i> operon from <i>Lactococcus lactis</i> biovar <i>diacetylactis</i> . Molecular Genetics and Genomics, 1998, 258, 9-15.	2.4	12
78	Purification and properties of the 5 ϵ -3 ϵ exonuclease D10A mutant of DNA polymerase I from <i>Streptococcus pneumoniae</i> : a new tool for DNA sequencing. Journal of Biotechnology, 1998, 63, 17-27.	1.9	5
79	Regulation of expression of the <i>Lactococcus lactis</i> subsp. <i>lactis</i> biovar <i>diacetylactis</i> citrate transport system. Dairy Science and Technology, 1998, 78, 11-16.	0.9	1
80	Characterization of an insertion sequence-like element identified in plasmid pCIT264 from <i>Lactococcus lactis</i> subsp. <i>lactis</i> biovar <i>diacetylactis</i> . FEMS Microbiology Letters, 1996, 136, 289-295.	0.7	1
81	Transcriptional activation of the citrate permease P gene of. Molecular Genetics and Genomics, 1996, 250, 428.	2.4	0
82	Citrate utilization gene cluster of the <i>Lactococcus lactis</i> biovar <i>diacetylactis</i> : organization and regulation of expression. Molecular Genetics and Genomics, 1995, 246, 590-599.	2.4	48
83	A cluster of four genes encoding enzymes for five steps in the folate biosynthetic pathway of <i>Streptococcus pneumoniae</i> . Journal of Bacteriology, 1995, 177, 66-74.	1.0	44
84	Multiple roles for DNA polymerase I in establishment and replication of the promiscuous plasmid pLS1. Molecular Microbiology, 1994, 14, 773-783.	1.2	25
85	A bifunctional protein in the folate biosynthetic pathway of <i>Streptococcus pneumoniae</i> with dihydroneopterin aldolase and hydroxymethyldihydropterin pyrophosphokinase activities. Journal of Bacteriology, 1993, 175, 2214-2220.	1.0	35
86	<i>Streptococcus pneumoniae</i> DNA polymerase I lacks 3'-to-5' exonuclease activity: localization of the 5'-to-3' exonucleolytic domain. Journal of Bacteriology, 1992, 174, 2014-2024.	1.0	14
87	The 5' to 3' exonuclease activity of DNA polymerase I is essential for <i>Streptococcus pneumoniae</i> . Molecular Microbiology, 1992, 6, 3009-3019.	1.2	25
88	The polymerase domain of <i>Streptococcus pneumoniae</i> DNA polymerase I. High expression, purification and characterization. FEBS Journal, 1991, 201, 147-155.	0.2	10
89	DNA sequence of folate biosynthesis gene <i>sulD</i> , encoding hydroxymethyldihydropterin pyrophosphokinase in <i>Streptococcus pneumoniae</i> , and characterization of the enzyme. Journal of Bacteriology, 1990, 172, 4766-4774.	1.0	24
90	Comparative expression of the pC194 <i>cat</i> gene in <i>Streptococcus pneumoniae</i> , <i>Bacillus subtilis</i> and <i>Escherichia coli</i> . Gene, 1990, 86, 71-79.	1.0	32

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91	Plasmid structural instability associated with pC194 replication functions. <i>Journal of Bacteriology</i> , 1989, 171, 2271-2277.	1.0	46
92	<i>Streptococcus pneumoniae</i> polA gene is expressed in <i>Escherichia coli</i> and can functionally substitute for the <i>E. coli</i> polA gene. <i>Journal of Bacteriology</i> , 1987, 169, 4869-4871.	1.0	11
93	Sulfonamide resistance in <i>Streptococcus pneumoniae</i> : DNA sequence of the gene encoding dihydropteroate synthase and characterization of the enzyme. <i>Journal of Bacteriology</i> , 1987, 169, 4320-4326.	1.0	126
94	Complementation of <i>Bacillus subtilis</i> polA mutants by DNA polymerase I from <i>Streptococcus pneumoniae</i> . <i>Molecular Genetics and Genomics</i> , 1987, 210, 203-210.	2.4	16
95	Deoxyribonucleases of non-pathogenic corynebacteria. <i>FEMS Microbiology Letters</i> , 1987, 44, 343-348.	0.7	3
96	Identification and analysis of genes for tetracycline resistance and replication functions in the broad-host-range plasmid pLS1. <i>Journal of Molecular Biology</i> , 1986, 192, 753-765.	2.0	251
97	Cloning of a gene encoding a DNA polymerase-exonuclease of <i>Streptococcus pneumoniae</i> . <i>Gene</i> , 1986, 44, 79-88.	1.0	27
98	Selective advantage of deletions enhancing chloramphenicol acetyltransferase gene expression in <i>Streptococcus pneumoniae</i> plasmids. <i>Gene</i> , 1986, 41, 153-163.	1.0	60
99	Intracellular effects of phage ϕ -W-14 DNA on transformation of <i>Bacillus subtilis</i> . <i>Molecular Genetics and Genomics</i> , 1984, 193, 85-91.	2.4	0
100	Physical structure and genetic expression of the sulfonamide-resistance plasmid pLS80 and its derivatives in <i>Streptococcus pneumoniae</i> and <i>Bacillus subtilis</i> . <i>Molecular Genetics and Genomics</i> , 1984, 195, 402-410.	2.4	34
101	Transfer and expression of recombinant plasmids carrying pneumococcal mal genes in <i>Bacillus subtilis</i> . <i>Gene</i> , 1984, 28, 301-310.	1.0	21
102	Interspecific plasmid transfer between <i>Streptococcus pneumoniae</i> and <i>Bacillus subtilis</i> . <i>Molecular Genetics and Genomics</i> , 1982, 188, 195-201.	2.4	33
103	ϕ W-14 DNA inhibits transfection of <i>Bacillus subtilis</i> by SPP1 DNA. <i>Journal of Virology</i> , 1981, 37, 559-563.	1.5	3
104	Influence of Some Antineoplastic Agents on Genetic Exchange in <i>Bacillus subtilis</i> . <i>Chemotherapy</i> , 1980, 26, 309-315.	0.8	1
105	Influence of lectins and polyelectrolytes on transformation of <i>Bacillus subtilis</i> . <i>FEMS Microbiology Letters</i> , 1980, 9, 315-319.	0.7	0
106	Biosynthesis, Purification and Biotechnological Use of Exopolysaccharides Produced by Lactic Acid Bacteria. , 0, , .		4