

Luis M Cintas

List of Publications by Year in descending order

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2231
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#	ARTICLE	IF	CITATIONS
1	Enterocin B, a new bacteriocin from <i>Enterococcus faecium</i> T136 which can act synergistically with enterocin A. <i>Microbiology (United Kingdom)</i> , 1997, 143, 2287-2294.	0.7	338
2	Enterocins L50A and L50B, Two Novel Bacteriocins from <i>Enterococcus faecium</i> L50, Are Related to Staphylococcal Hemolysins. <i>Journal of Bacteriology</i> , 1998, 180, 1988-1994.	1.0	256
3	Biochemical and Genetic Evidence that <i>Enterococcus faecium</i> L50 Produces Enterocins L50A and L50B, the sec-Dependent Enterocin P, and a Novel Bacteriocin Secreted without an N-Terminal Extension Termed Enterocin Q. <i>Journal of Bacteriology</i> , 2000, 182, 6806-6814.	1.0	238
4	Antimicrobial activity, antibiotic susceptibility and virulence factors of Lactic Acid Bacteria of aquatic origin intended for use as probiotics in aquaculture. <i>BMC Microbiology</i> , 2013, 13, 15.	1.3	168
5	Target recognition, resistance, immunity and genome mining of class II bacteriocins from Gram-positive bacteria. <i>Microbiology (United Kingdom)</i> , 2011, 157, 3256-3267.	0.7	104
6	Characterization of Garvicin ML, a Novel Circular Bacteriocin Produced by <i>Lactococcus garviae</i> DCC43, Isolated from Mallard Ducks (<i>Anas platyrhynchos</i>). <i>Applied and Environmental Microbiology</i> , 2011, 77, 369-373.	1.4	98
7	In vitro and in vivo evaluation of lactic acid bacteria of aquatic origin as probiotics for turbot (<i>Scophthalmus maximus</i> L.) farming. <i>Fish and Shellfish Immunology</i> , 2014, 41, 570-580.	1.6	65
8	Strategies to increase the hygienic and economic value of fresh fish: Biopreservation using lactic acid bacteria of marine origin. <i>International Journal of Food Microbiology</i> , 2016, 223, 41-49.	2.1	62
9	Cloning and Heterologous Production of Hiracin JM79, a Sec-Dependent Bacteriocin Produced by <i>Enterococcus hirae</i> DCH5, in Lactic Acid Bacteria and <i>Pichia pastoris</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 2471-2479.	1.4	52
10	Amino acid and nucleotide sequence, adjacent genes, and heterologous expression of hiracin JM79, a sec-dependent bacteriocin produced by <i>Enterococcus hirae</i> DCH5, isolated from Mallard ducks (<i>Anas platyrhynchos</i>). <i>Applied and Environmental Microbiology</i> , 2008, 74, 2471-2479.	1.4	52
11	Cloning, production and functional expression of enterocin P, a sec-dependent bacteriocin produced by <i>Enterococcus faecium</i> P13, in <i>Escherichia coli</i> . <i>International Journal of Food Microbiology</i> , 2005, 103, 239-250.	2.1	49
12	Antimicrobial and safety aspects, and biotechnological potential of bacteriocinogenic enterococci isolated from mallard ducks (<i>Anas platyrhynchos</i>). <i>International Journal of Food Microbiology</i> , 2007, 117, 295-305.	2.1	46
13	Protein expression vector and secretion signal peptide optimization to drive the production, secretion, and functional expression of the bacteriocin enterocin A in lactic acid bacteria. <i>Journal of Biotechnology</i> , 2011, 156, 76-86.	1.9	46
14	Complete Sequence of the Enterocin Q-Encoding Plasmid pCIZ2 from the Multiple Bacteriocin Producer <i>Enterococcus faecium</i> L50 and Genetic Characterization of Enterocin Q Production and Immunity. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6653-6666.	1.4	45
15	High-level heterologous production and functional expression of the sec-dependent enterocin P from <i>Enterococcus faecium</i> P13 in <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 2006, 72, 41-51.	1.7	44
16	Use of the Yeast <i>Pichia pastoris</i> as an Expression Host for Secretion of Enterocin L50, a Leaderless Two-Peptide (L50A and L50B) Bacteriocin from <i>Enterococcus faecium</i> L50. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3314-3324.	1.4	44
17	Production of Enterocin P, an Antilisterial Pediocin-Like Bacteriocin from <i>Enterococcus faecium</i> P13, in <i>Pichia pastoris</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3004-3008.	1.4	43
18	Inhibition of fish pathogens by the microbiota from rainbow trout (<i>Oncorhynchus mykiss</i> , Walbaum) and rearing environment. <i>Anaerobe</i> , 2015, 32, 7-14.	1.0	42

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19	Antimicrobial activity of <i>Enterococcus faecium</i> L50, a strain producing enterocins L50 (L50A and L50B), P and Q, against beer-spoilage lactic acid bacteria in broth, wort (hopped and unhopped), and alcoholic and non-alcoholic lager beers. <i>International Journal of Food Microbiology</i> , 2008, 125, 293-307.	2.1	41
20	Biochemical and Genetic Evidence of Enterocin P Production by Two <i>Enterococcus faecium</i> -Like Strains Isolated from Fermented Sausages. <i>Current Microbiology</i> , 1999, 39, 282-290.	1.0	40
21	Genes Encoding Bacteriocins and Their Expression and Potential Virulence Factors of <i>Enterococci</i> Isolated from Wood Pigeons (<i>Columba palumbus</i>). <i>Journal of Food Protection</i> , 2006, 69, 520-531.	0.8	40
22	CK11, a Teleost Chemokine with a Potent Antimicrobial Activity. <i>Journal of Immunology</i> , 2019, 202, 857-870.	0.4	40
23	Cloning strategies for heterologous expression of the bacteriocin enterocin A by <i>Lactobacillus sakei</i> Lb790, <i>Lb. plantarum</i> NC8 and <i>Lb. casei</i> CECT475. <i>Microbial Cell Factories</i> , 2015, 14, 166.	1.9	38
24	Enterocin P Causes Potassium Ion Efflux from <i>Enterococcus faecium</i> T136 Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 901-904.	1.4	37
25	Use of the <i>usp45</i> lactococcal secretion signal sequence to drive the secretion and functional expression of enterococcal bacteriocins in <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 131-143.	1.7	36
26	Immunochemical Characterization of Temperature-Regulated Production of Enterocin L50 (EntL50A) Tj ETQq0 0 0 rgBT /Overlock 10 Tj. <i>Microbiology</i> , 2006, 72, 7634-7643.	1.4	35
27	Cloning, production and expression of the bacteriocin enterocin A produced by <i>Enterococcus faecium</i> PLBC21 in <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 76, 667-675.	1.7	34
28	Phenotypic and genetic evaluations of biogenic amine production by lactic acid bacteria isolated from fish and fish products. <i>International Journal of Food Microbiology</i> , 2011, 146, 212-216.	2.1	34
29	<i>Enterococcus faecalis</i> strains from food, environmental, and clinical origin produce ACE-inhibitory peptides and other bioactive peptides during growth in bovine skim milk. <i>International Journal of Food Microbiology</i> , 2013, 166, 93-101.	2.1	33
30	Purification and sequencing of cerein 7B, a novel bacteriocin produced by <i>Bacillus cereus</i> Bc7. <i>FEMS Microbiology Letters</i> , 2006, 254, 108-115.	0.7	32
31	Cloning, Production, and Functional Expression of the Bacteriocin Enterocin A, Produced by <i>Enterococcus faecium</i> T136, by the Yeasts <i>Pichia pastoris</i> , <i>Kluyveromyces lactis</i> , <i>Hansenula polymorpha</i> , and <i>Arxula adeninivorans</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 5956-5961.	1.4	32
32	Generation of Polyclonal Antibodies of Predetermined Specificity against Pediocin PA-1. <i>Applied and Environmental Microbiology</i> , 1998, 64, 4536-4545.	1.4	30
33	Characterization of <i>Pediococcus acidilactici</i> strains isolated from rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj. <i>Organisms</i> , 2016, 119, 129-143.	0.5	29
34	Antimicrobial activity and occurrence of bacteriocin structural genes in <i>Enterococcus</i> spp. of human and animal origin isolated in Portugal. <i>Archives of Microbiology</i> , 2010, 192, 927-936.	1.0	28
35	Heterologous extracellular production of enterocin P from <i>Enterococcus faecium</i> P13 in the methylophilic bacterium <i>Methylobacterium extorquens</i> . <i>FEMS Microbiology Letters</i> , 2005, 248, 125-131.	0.7	27
36	Development of Bacteriocinogenic Strains of <i>Saccharomyces cerevisiae</i> Heterologously Expressing and Secreting the Leaderless Enterocin L50 Peptides L50A and L50B from <i>Enterococcus faecium</i> L50. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2382-2392.	1.4	27

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37	Bacteriocin production by lactic acid bacteria isolated from fish, seafood and fish products. <i>European Food Research and Technology</i> , 2015, 241, 341-356.	1.6	26
38	Evaluation of <i>Enterococcus</i> spp. from Rainbow Trout (<i>Oncorhynchus mykiss</i> , Walbaum), Feed, and Rearing Environment Against Fish Pathogens. <i>Foodborne Pathogens and Disease</i> , 2015, 12, 311-322.	0.8	26
39	Different impact of heat-inactivated and viable lactic acid bacteria of aquatic origin on turbot (<i>Scophthalmus maximus</i> L.) head-kidney leucocytes. <i>Fish and Shellfish Immunology</i> , 2015, 44, 214-223.	1.6	25
40	Performance and Applications of Polyclonal Antipeptide Antibodies Specific for the Enterococcal Bacteriocin Enterocin P. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2247-2255.	2.4	24
41	Cloning, production, and functional expression of the bacteriocin sakacin A (SakA) and two SakA-derived chimeras in lactic acid bacteria (LAB) and the yeasts <i>Pichia pastoris</i> and <i>Kluyveromyces lactis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 977-993.	1.4	23
42	Nisin Z Production by <i>Lactococcus lactis</i> subsp. <i>cremoris</i> WA2-67 of Aquatic Origin as a Defense Mechanism to Protect Rainbow Trout (<i>Oncorhynchus mykiss</i> , Walbaum) Against <i>Lactococcus garvieae</i> . <i>Marine Biotechnology</i> , 2015, 17, 820-830.	1.1	21
43	Identification of Bacteriocin Genes in Enterococci Isolated from Game Animals and Saltwater Fish. <i>Journal of Food Protection</i> , 2011, 74, 1252-1260.	0.8	19
44	Chimeras of Mature Pediocin PA-1 Fused to the Signal Peptide of Enterocin P Permits the Cloning, Production, and Expression of Pediocin PA-1 in <i>Lactococcus lactis</i> . <i>Journal of Food Protection</i> , 2007, 70, 2792-2798.	0.8	18
45	Use of Synthetic Genes for Cloning, Production and Functional Expression of the Bacteriocins Enterocin A and Bacteriocin E 50-52 by <i>Pichia pastoris</i> and <i>Kluyveromyces lactis</i> . <i>Molecular Biotechnology</i> , 2014, 56, 571-583.	1.3	18
46	Solution Structure of Enterocin HF, an Antilisterial Bacteriocin Produced by <i>Enterococcus faecium</i> M3K31. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10689-10695.	2.4	17
47	Cloning and expression of synthetic genes encoding native, hybrid- and bacteriocin-derived chimeras from mature class IIa bacteriocins, by <i>Pichia pastoris</i> (syn. <i>Komagataella</i> spp.). <i>Food Research International</i> , 2019, 121, 888-899.	2.9	17
48	Cloning and Expression of Synthetic Genes Encoding the Broad Antimicrobial Spectrum Bacteriocins SRCAM 602, OR-7, E-760, and L-1077, by Recombinant <i>Pichia pastoris</i> . <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	16
49	Antibodies to a synthetic 9-N-terminal amino acid fragment of mature pediocin PA-1: sensitivity and specificity for pediocin PA-1 and cross-reactivity against Class IIa bacteriocins. <i>Microbiology (United Kingdom)</i> 157, 1074-1081. DOI: 10.1099/mic/0/000000.0	0.78	14
50	Safety assessment, genetic relatedness and bacteriocin activity of potential probiotic <i>Lactococcus lactis</i> strains from rainbow trout (<i>Oncorhynchus mykiss</i> , Walbaum) and rearing environment. <i>European Food Research and Technology</i> , 2015, 241, 647-662.	1.6	12
51	Evaluation of bacteriocinogenic activity, safety traits and biotechnological potential of fecal lactic acid bacteria (LAB), isolated from Griffon Vultures (<i>Gyps fulvus</i> subsp. <i>fulvus</i>). <i>BMC Microbiology</i> , 2016, 16, 228.	1.3	12
52	Genetic and Biochemical Evidence That Recombinant <i>Enterococcus</i> spp. Strains Expressing Gelatinase (GelE) Produce Bovine Milk-Derived Hydrolysates with High Angiotensin Converting Enzyme-Inhibitory Activity (ACE-IA). <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5555-5564.	2.4	11
53	Safety assessment and molecular genetic profiling by pulsed-field gel electrophoresis (PFGE) and PCR-based techniques of <i>Enterococcus faecium</i> strains of food origin. <i>LWT - Food Science and Technology</i> , 2016, 65, 357-362.	2.5	10
54	Individual variability in finger-to-finger transmission efficiency of <i>Enterococcus faecium</i> clones. <i>MicrobiologyOpen</i> , 2014, 3, 128-132.	1.2	9

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55	Draft Genome Sequence of <i>Lactococcus lactis</i> Subsp. <i>cremoris</i> WA2-67: A Promising Nisin-Producing Probiotic Strain Isolated from the Rearing Environment of a Spanish Rainbow Trout (<i>Oncorhynchus mykiss</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.1	7
56	Biochemical, genetic and transcriptional characterization of multibacteriocin production by the anti-pneumococcal dairy strain <i>Streptococcus infantarius</i> ALP90. PLoS ONE, 2020, 15, e0229417.	1.1	7
57	Draft Genome Sequence of the Bacteriocin-Producing Strain <i>Enterococcus faecium</i> M3K31, Isolated from Griffon Vultures (<i>Gyps fulvus</i> subsp. <i>fulvus</i>). Genome Announcements, 2016, 4, .	0.8	6
58	Antimicrobial activity, molecular typing and in vitro safety assessment of <i>Lactococcus garvieae</i> isolates from healthy cultured rainbow trout (<i>Oncorhynchus mykiss</i> , Walbaum) and rearing environment. LWT - Food Science and Technology, 2022, 162, 113496.	2.5	6
59	Molecular analysis of the replication region of the pCIZ2 plasmid from the multiple bacteriocin producer strain <i>Enterococcus faecium</i> L50. Plasmid, 2008, 60, 181-189.	0.4	4
60	Genetics of Bacteriocin Production in Lactic Acid Bacteria. , 2003, , 225-260.		3
61	Natural and Heterologous Production of Bacteriocins. , 2011, , 115-143.		3
62	Controlled enterolysin A-mediated lysis and production of angiotensin converting enzyme-inhibitory bovine skim milk hydrolysates by recombinant <i>Lactococcus lactis</i> . International Dairy Journal, 2014, 34, 100-103.	1.5	3
63	Biotechnological potential and in vitro safety assessment of <i>Lactobacillus curvatus</i> BCS35, a multibacteriocinogenic strain isolated from dry-salted cod (<i>Gadus morhua</i>). LWT - Food Science and Technology, 2019, 112, 108219.	2.5	3
64	Draft Genome Sequence of the Bacteriocinogenic Strain <i>Enterococcus faecalis</i> DBH18, Isolated from Mallard Ducks (<i>Anas platyrhynchos</i>). Genome Announcements, 2016, 4, .	0.8	2
65	Draft Genome Sequence of <i>Weissella cibaria</i> P71, a Promising Aquaculture Probiotic Strain Isolated from Common Octopus (<i>Octopus vulgaris</i>). Microbiology Resource Announcements, 2021, 10, e0079221.	0.3	1
66	Title is missing!. , 2020, 15, e0229417.		0
67	Title is missing!. , 2020, 15, e0229417.		0
68	Title is missing!. , 2020, 15, e0229417.		0
69	Title is missing!. , 2020, 15, e0229417.		0