Eugenio Parente

List of Publications by Year
in descending order

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Version: 2024-02-01

108 papers	4,656 citations	76326 40 h-index	118850 62 g-index
110 all docs	110 docs citations	110 times ranked	4239 citing authors

#	Article	IF	Citations
1	Chemometric Approaches for Identity and Authenticity Testing, Quality Assurance and Process Control. , 2022, , 327-347.		0
2	Metataxonomic and metagenomic approaches for the study of undefined strain starters for cheese manufacture. Critical Reviews in Food Science and Nutrition, 2022, 62, 3898-3912.	10.3	22
3	The Effect of Respiration, pH, and Citrate Co-Metabolism on the Growth, Metabolite Production and Enzymatic Activities of Leuconostoc mesenteroides subsp. cremoris E30. Foods, 2022, 11, 535.	4.3	4
4	Selection of Lactiplantibacillus Strains for the Production of Fermented Table Olives. Microorganisms, 2022, 10, 625.	3.6	8
5	A review of methods for the inference and experimental confirmation of microbial association networks in cheese. International Journal of Food Microbiology, 2022, 368, 109618.	4.7	12
6	FoodMicrobionet v4: A large, integrated, open and transparent database for food bacterial communities. International Journal of Food Microbiology, 2022, 372, 109696.	4.7	7
7	Growth Fitness, Heme Uptake and Genomic Variants in Mutants of Oxygen-tolerant Lacticaseibacillus casei and Lactiplantibacillus plantarum Strains. Microbiological Research, 2022, , 127096.	5.3	0
8	Analysis of rpoB polymorphism and PCR-based approaches for the identification of Leuconostoc mesenteroides at the species and subspecies level. International Journal of Food Microbiology, 2020, 318, 108474.	4.7	8
9	The microbiota of dairy milk: A review. International Dairy Journal, 2020, 107, 104714.	3.0	58
10	Adherence to the traditional Mediterranean diet in a population of South of Italy: factors involved and proposal of an educational field-based survey tool. International Journal of Food Sciences and Nutrition, 2019, 70, 195-201.	2.8	26
11	Dynamics of bacterial communities and interaction networks in thawed fish fillets during chilled storage in air. International Journal of Food Microbiology, 2019, 293, 102-113.	4.7	55
12	Advancing integration of data on food microbiome studies: FoodMicrobionet 3.1, a major upgrade of the FoodMicrobionet database. International Journal of Food Microbiology, 2019, 305, 108249.	4.7	32
13	Effect of Respiratory Growth on the Metabolite Production and Stress Robustness of Lactobacillus casei N87 Cultivated in Cheese Whey Permeate Medium. Frontiers in Microbiology, 2019, 10, 851.	3.5	17
14	Aerobic and respirative growth of heterofermentative lactic acid bacteria: A screening study. Food Microbiology, 2018, 76, 117-127.	4.2	33
15	Recent Past, Present, and Future of the Food Microbiome. Annual Review of Food Science and Technology, 2018, 9, 589-608.	9.9	113
16	Structure of association networks in food bacterial communities. Food Microbiology, 2018, 73, 49-60.	4.2	22
17	A comparison of bioinformatic approaches for 16S rRNA gene profiling of food bacterial microbiota. International Journal of Food Microbiology, 2018, 265, 9-17.	4.7	35
18	Factors affecting gene expression and activity of heme- and manganese-dependent catalases in Lactobacillus casei strains. International Journal of Food Microbiology, 2018, 280, 66-77.	4.7	21

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19	Aerobic metabolism in the genusLactobacillus: impact on stress response and potential applications in the food industry. Journal of Applied Microbiology, 2017, 122, 857-869.	3.1	121
20	Tween 80 and respiratory growth affect metabolite production and membrane fatty acids inLactobacillus caseiN87. Journal of Applied Microbiology, 2017, 122, 759-769.	3.1	9
21	Metagenomics insights into food fermentations. Microbial Biotechnology, 2017, 10, 91-102.	4.2	196
22	Starter Cultures: General Aspects. , 2017, , 201-226.		35
23	Investigation of Factors Affecting Aerobic and Respiratory Growth in the Oxygen-Tolerant Strain Lactobacillus casei N87. PLoS ONE, 2016, 11, e0164065.	2.5	33
24	Draft Genome Sequence of the Respiration-Competent Strain Lactobacillus casei N87. Genome Announcements, 2016, 4, .	0.8	13
25	Polymorphism of the phosphoserine phosphatase gene in Streptococcus thermophilus and its potential use for typing and monitoring of population diversity. International Journal of Food Microbiology, 2016, 236, 138-147.	4.7	10
26	Effect of respirative and catalase-positive Lactobacillus casei adjuncts on the production and quality of Cheddar-type cheese. International Dairy Journal, 2016, 63, 78-87.	3.0	34
27	FoodMicrobionet: A database for the visualisation and exploration of food bacterial communities based on network analysis. International Journal of Food Microbiology, 2016, 219, 28-37.	4.7	65
28	Microbial changes of natural milk cultures for mozzarella cheese during repeated propagation cycles. LWT - Food Science and Technology, 2016, 65, 572-579.	5.2	12
29	Microbial community dynamics in thermophilic undefined milk starter cultures. International Journal of Food Microbiology, 2016, 217, 59-67.	4.7	34
30	The microbiota of high-moisture mozzarella cheese produced with different acidification methods. International Journal of Food Microbiology, 2016, 216, 9-17.	4.7	49
31	Modified chemically defined medium for enhanced respiratory growth ofLactobacillus caseiandLactobacillus plantarumgroups. Journal of Applied Microbiology, 2015, 119, 776-785.	3.1	17
32	A survey of non-starter lactic acid bacteria in traditional cheeses: Culture dependent identification and survival to simulated gastrointestinal transit. International Dairy Journal, 2015, 43, 42-50.	3.0	26
33	Metabolic profiling and stress response of anaerobic and respiratory cultures of Lactobacillus plantarum C17 grown in a chemically defined medium. Annals of Microbiology, 2015, 65, 1639-1648.	2.6	9
34	Effect of adjuncts on microbiological and chemical properties of Scamorza cheese. Journal of Dairy Science, 2015, 98, 1467-1478.	3.4	16
35	Evaluation of a differential medium for the preliminary identification of members of the Lactobacillus plantarum and Lactobacillus casei groups. Annals of Microbiology, 2015, 65, 1649-1658.	2.6	13
36	Evolution of microbial counts and chemical and physico-chemical parameters in high-moisture Mozzarella cheese during refrigerated storage. LWT - Food Science and Technology, 2015, 63, 821-827.	5.2	13

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37	Growth of Lactobacillus rhamnosus 64 in whey permeate and study of the effect of mild stresses on survival to spray drying. LWT - Food Science and Technology, 2015, 63, 322-330.	5.2	27
38	Aeration and supplementation with heme and menaquinone affect survival to stresses and antioxidant capability of Lactobacillus caseiÂstrains. LWT - Food Science and Technology, 2015, 60, 817-824.	5.2	30
39	Tolerance of Lactobacillus casei, Lactobacillus paracasei and Lactobacillus rhamnosus strains to stress factors encountered in food processing and in the gastro-intestinal tract. LWT - Food Science and Technology, 2015, 60, 721-728.	5.2	73
40	Polymorphisms in stress response genes in Lactobacillus plantarum: implications for classification and heat stress response. Annals of Microbiology, 2015, 65, 297-305.	2.6	5
41	Antimicrobial activity of Myrtus communis L. water-ethanol extract against meat spoilage strains of Brochothrix thermosphacta and Pseudomonas fragi in vitro and in meat. Annals of Microbiology, 2015, 65, 841-850.	2.6	21
42	Assessment of Aerobic and Respiratory Growth in the Lactobacillus casei Group. PLoS ONE, 2014, 9, e99189.	2.5	65
43	Selection of mutants tolerant of oxidative stress from respiratory cultures of Lactobacillus plantarum C17. Journal of Applied Microbiology, 2014, 116, 632-643.	3.1	15
44	Rapid detection assay for oxygen consumption in the Lactobacillus casei group. Annals of Microbiology, 2014, 64, 1861-1864.	2.6	14
45	Functional properties of Lactobacillus plantarum strains: A multivariate screening study. LWT - Food Science and Technology, 2014, 56, 69-76.	5.2	62
46	Use of dairy and non-dairy Lactobacillus plantarum, Lactobacillus paraplantarum and Lactobacillus pentosus strains as adjuncts in cheddar cheese. Dairy Science and Technology, 2013, 93, 623-640.	2.2	27
47	Aerobic metabolism and oxidative stress tolerance in the Lactobacillus plantarum group. World Journal of Microbiology and Biotechnology, 2013, 29, 1713-1722.	3.6	42
48	Temperature and respiration affect the growth and stress resistance of Lactobacillus plantarum C17. Journal of Applied Microbiology, 2013, 115, 848-858.	3.1	40
49	A study on relationships between durum wheat semolina properties, technological mixing parameters and the properties of dough after mixing. International Journal of Food Science and Technology, 2013, 48, 2541-2550.	2.7	3
50	Effect of inactivation of ccpA and aerobic growth in Lactobacillus plantarum: A proteomic perspective. Journal of Proteomics, 2012, 75, 4050-4061.	2.4	38
51	RP-HPLC peptide profiling of cheese extracts: A study of sources of variation, repeatability and reproducibility. Food Chemistry, 2012, 131, 1552-1560.	8.2	14
52	Inactivation of ccpA and aeration affect growth, metabolite production and stress tolerance in Lactobacillus plantarum WCFS1. International Journal of Food Microbiology, 2012, 155, 51-59.	4.7	80
53	Genotypic diversity of stress response in Lactobacillus plantarum, Lactobacillus paraplantarum and Lactobacillus pentosus. International Journal of Food Microbiology, 2012, 157, 278-285.	4.7	28
54	A comparison of fluorescent stains for the assessment of viability and metabolic activity of lactic acid bacteria. World Journal of Microbiology and Biotechnology, 2012, 28, 919-927.	3.6	43

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55	SDSâ€“PAGE patterns of whole cell proteins of Streptococcus thermophilus: impact of strain, growth phase and adaptation and relationship with stress response. World Journal of Microbiology and Biotechnology, 2011, 27, 2529-2537.	3.6	0
56	Variation of microbial load and visual quality of ready-to-eat salads by vegetable type, season, processor and retailer. Food Microbiology, 2010, 27, 1071-1077.	4.2	57
57	Diversity of stress tolerance in Lactobacillus plantarum, Lactobacillus pentosus and Lactobacillus paraplantarum: A multivariate screening study. International Journal of Food Microbiology, 2010, 144, 270-279.	4.7	105
58	Effect of inactivation of stress response regulators on the growth and survival of Streptococcus thermophilus Sfi39. International Journal of Food Microbiology, 2009, 129, 211-220.	4.7	32
59	Viability staining and detection of metabolic activity of sourdough lactic acid bacteria under stress conditions. World Journal of Microbiology and Biotechnology, 2009, 25, 1119-1124.	3.6	29
60	Modelling the growth ofWeissella cibariaas a function of fermentation conditions. Journal of Applied Microbiology, 2009, 107, 1528-1535.	3.1	21
61	Characterization of lactic acid bacteria isolated from sourdoughs for Cornetto, a traditional bread produced in Basilicata (Southern Italy). World Journal of Microbiology and Biotechnology, 2008, 24, 1785-1795.	3.6	48
62	Urease production by Streptococcus thermophilus. Food Microbiology, 2008, 25, 113-119.	4.2	36
63	Diversity of stress responses in dairy thermophilic streptococci. International Journal of Food Microbiology, 2008, 124, 34-42.	4.7	62
64	Acid production, proteolysis, autolytic and inhibitory properties of lactic acid bacteria isolated from pasta filata cheeses: A multivariate screening study. International Dairy Journal, 2008, 18, 81-92.	3.0	53
65	Molecular and technological characterization of lactic acid bacteria from traditional fermented sausages of Basilicata region (Southern Italy). Meat Science, 2008, 80, 1238-1248.	5.5	68
66	Fumaric acid production from hydrolysates of starch-based substrates. Journal of Chemical Technology and Biotechnology, 2007, 54, 283-290.	3.2	27
67	Use of mass spectrometry to characterize proteolysis in cheese. Food Chemistry, 2007, 101, 964-972.	8.2	39
68	Genotypic and phenotypic diversity ofLactobacillus rossiaestrains isolated from sourdough. Journal of Applied Microbiology, 2007, 103, 821-835.	3.1	34
69	Enzymatic activities of lactic acid bacteria isolated from Cornetto di Matera sourdoughs. International Journal of Food Microbiology, 2007, 115, 165-172.	4.7	63
70	Molecular and functional characterization of Lactobacillus sanfranciscensis strains isolated from sourdoughs. International Journal of Food Microbiology, 2007, 114, 69-82.	4.7	103
71	Proteolysis in Model Sourdough Fermentations. Journal of Agricultural and Food Chemistry, 2006, 54, 2567-2574.	5.2	45
72	Use of unsupervised and supervised artificial neural networks for the identification of lactic acid bacteria on the basis of SDS-PAGE patterns of whole cell proteins. Journal of Microbiological Methods, 2006, 66, 336-346.	1.6	18

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73	Molecular characterization of lactic acid bacteria from sourdough breads produced in Sardinia (Italy) and multivariate statistical analyses of results. Systematic and Applied Microbiology, 2006, 29, 138-144.	2.8	64
74	Phenotypic characterization of lactic acid bacteria from sourdoughs for Altamura bread produced in Apulia (Southern Italy). International Journal of Food Microbiology, 2005, 98, 63-72.	4.7	61
75	Discrimination of commercial Caciocavallo cheeses on the basis of the diversity of lactic microflora and primary proteolysis. International Dairy Journal, 2005, 15, 1138-1149.	3.0	38
76	Starter Cultures: General Aspects. Cheese: Chemistry, Physics and Microbiology, 2004, 1, 123-147.	0.2	84
77	Diversity and dynamics of communities of coagulase-negative staphylococci in traditional fermented sausages. Journal of Applied Microbiology, 2004, 97, 271-284.	3.1	117
78	Viscoelastic properties of microbial alginate gels by oscillatory dynamic tests. Journal of Food Engineering, 2004, 64, 179-186.	5.2	47
79	Overall volumetric oxygen transfer coefficient in an aerated bench-top stirred fermenter in aqueous dispersions of sodium alginate. Biotechnology and Applied Biochemistry, 2004, 40, 133.	3.1	9
80	Processing of Chromatographic Data for Chemometric Analysis of Peptide Profiles from Cheese Extracts:Â A Novel Approach. Journal of Agricultural and Food Chemistry, 2004, 52, 6904-6911.	5.2	35
81	Design and Evaluation of Specific PCR Primers for Rapid and Reliable Identification of Staphylococcus xylosus Strains Isolated from Dry Fermented Sausages. Systematic and Applied Microbiology, 2003, 26, 601-610.	2.8	24
82	A new procedure for data reduction in electrophoretic fingerprints of whole-cell proteins. Biotechnology Letters, 2002, 24, 1477-1482.	2.2	13
83	A statistical procedure for the analysis of microbial communities based on phenotypic properties of isolates. Journal of Microbiological Methods, 2002, 49, 121-134.	1.6	8
84	Exopolysaccharide production by Streptococcus thermophilus SY: production and preliminary characterization of the polymer. Journal of Applied Microbiology, 2002, 92, 297-306.	3.1	65
85	Comparison of Statistical Methods for Identification of Streptococcus thermophilus, Enterococcus faecalis, and Enterococcus faecium from Randomly Amplified Polymorphic DNA Patterns. Applied and Environmental Microbiology, 2001, 67, 2156-2166.	3.1	22
86	Evolution of microbial populations and biogenic amine production in dry sausages produced in Southern Italy. Journal of Applied Microbiology, 2001, 90, 882-891.	3.1	123
87	Phenotypic diversity of lactic acid bacteria isolated from fermented sausages produced in Basilicata (Southern Italy). Journal of Applied Microbiology, 2001, 90, 943-952.	3.1	87
88	Effect of ammonium sulphate concentration and agitation speed on the kinetics of alginate production by Azotobacter vinelandii DSM576 in batch fermentation. Journal of Industrial Microbiology and Biotechnology, 2000, 25, 242-248.	3.0	11
89	Production, recovery and purification of bacteriocins from lactic acid bacteria. Applied Microbiology and Biotechnology, 1999, 52, 628-638.	3.6	224
90	Production and characterisation of alginate fromAzotobacter vinelandii. Journal of the Science of Food and Agriculture, 1999, 79, 602-610.	3.5	28

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91	New procedure for the determination of nisin in milk. Biotechnology Letters, 1998, 12, 783-786.	0.5	18
92	Title is missing!. Biotechnology Letters, 1998, 12, 649-652.	0.5	6
93	Alginate production by Azotobacter vinelandii DSM576 in batch fermentation. Journal of Industrial Microbiology and Biotechnology, 1998, 20, 171-176.	3.0	20
94	The combined effect of nisin, leucocin F10, pH, NaCl and EDTA on the survival of Listeria monocytogenes in broth. International Journal of Food Microbiology, 1998, 40, 65-75.	4.7	66
95	Characterization of natural starter cultures used in the manufacture of Pasta Filata Cheese in Basilicata (Southern Italy). International Dairy Journal, 1997, 7, 775-783.	3.0	42
96	Growth and bacteriocin production by Enterococcus faecium DPC1146 in batch and continuous culture. Journal of Industrial Microbiology and Biotechnology, 1997, 18, 62-67.	3.0	59
97	Title is missing!. Biotechnology Letters, 1997, 11, 271-275.	0.5	21
98	Leucocin F10, a bacteriocin from Leuconostoc carnosum. International Journal of Food Microbiology, 1996, 33, 231-243.	4.7	35
99	A comparison of methods for the measurement of bacteriocin activity. Journal of Microbiological Methods, 1995, 22, 95-108.	1.6	110
100	Influence of pH on growth and bacteriocin production byLactococcus lactis subsp.lactis 14ONWC during batch fermentation. Applied Microbiology and Biotechnology, 1994, 41, 388-394.	3.6	101
101	Influence of pH on the production of enterocin 1146 during batch fermentation. Letters in Applied Microbiology, 1994, 19, 12-15.	2.2	119
102	Characterization of Enterocin 1146, a Bacteriocin from Enterococcus faecium Inhibitory to Listeria monocytogenes. Journal of Food Protection, 1992, 55, 497-502.	1.7	72
103	Inhibition of Listeria in Buffer, Broth, and Milk by Enterocin 1146, a Bacteriocin Produced by Enterococcus faecium. Journal of Food Protection, 1992, 55, 503-508.	1.7	42
104	A comparison of factors affecting the production of two bacteriocins from lactic acid bacteria. Journal of Applied Bacteriology, 1992, 73, 290-298.	1.1	118
105	Growth of Thermophilic Starters in Whey Permeate Media. Journal of Dairy Science, 1991, 74, 20-28.	3.4	32
106	Optimization of fumaric acid production from potato flour by Rhizopus arrhizus. Applied Microbiology and Biotechnology, 1991, 36, 35-39.	3.6	41
107	Effect of dissolved oxygen concentration on repeated production of gluconic acid by immobilised mycelia of Aspergillus niger. Applied Microbiology and Biotechnology, 1991, 36, 320.	3.6	17
108	Kinetics of continuous whey fermentation by Kluyveromyces fragilis. Journal of Chemical Technology and Biotechnology, 1990, 49, 205-222.	3.2	22