

MarÃa Antonia Ferrus

List of Publications by Year in descending order

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63
papers

2,076
citations

218381

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44
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67
docs citations

67
times ranked

2406
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular detection of pathogens in water – The pros and cons of molecular techniques. <i>Water Research</i> , 2010, 44, 4325-4339.	5.3	344
2	Specific Detection of <i>Arcobacter</i> and <i>Campylobacter</i> Strains in Water and Sewage by PCR and Fluorescent In Situ Hybridization. <i>Applied and Environmental Microbiology</i> , 2003, 69, 1181-1186.	1.4	121
3	Antimicrobial peptides are among the antagonistic metabolites produced by <i>Bifidobacterium</i> against <i>Helicobacter pylori</i> . <i>International Journal of Antimicrobial Agents</i> , 2005, 25, 385-391.	1.1	89
4	Survival and viability of <i>Helicobacter pylori</i> after inoculation into chlorinated drinking water. <i>Water Research</i> , 2007, 41, 3490-3496.	5.3	87
5	Use of fluorescent in situ hybridization to evidence the presence of <i>Helicobacter pylori</i> in water. <i>Water Research</i> , 2003, 37, 2251-2256.	5.3	71
6	Identification of Viable <i>Helicobacter pylori</i> in Drinking Water Supplies by Cultural and Molecular Techniques. <i>Helicobacter</i> , 2015, 20, 252-259.	1.6	59
7	Prevalence and antimicrobial resistance of <i>Listeria monocytogenes</i> and <i>Salmonella</i> strains isolated in ready-to-eat foods in Eastern Spain. <i>Food Control</i> , 2015, 47, 120-125.	2.8	54
8	Random amplified polymorphic DNA fingerprinting of <i>Campylobacter jejuni</i> and <i>C. coli</i> isolated from human faeces, seawater and poultry products. <i>Research in Microbiology</i> , 1995, 146, 685-696.	1.0	51
9	Validation of Real-Time PCR and Enzyme-Linked Fluorescent Assay-Based Methods for Detection of <i>Salmonella</i> spp. in Chicken Feces Samples. <i>Food Analytical Methods</i> , 2009, 2, 180-189.	1.3	51
10	Direct Detection and Identification of <i>Arcobacter</i> Species by Multiplex PCR in Chicken and Wastewater Samples from Spain. <i>Journal of Food Protection</i> , 2007, 70, 341-347.	0.8	50
11	Standard and new faecal indicators and pathogens in sewage treatment plants, microbiological parameters for improving the control of reclaimed water. <i>Water Science and Technology</i> , 2012, 66, 2517-2523.	1.2	49
12	Double-Staining Method for Differentiation of Morphological Changes and Membrane Integrity of <i>Campylobacter coli</i> Cells. <i>Applied and Environmental Microbiology</i> , 2002, 68, 5151-5154.	1.4	48
13	A combination of direct viable count and fluorescent in situ hybridization for estimating <i>Helicobacter pylori</i> cell viability. <i>Research in Microbiology</i> , 2006, 157, 345-349.	1.0	47
14	Viability assessment of lactic acid bacteria in commercial dairy products stored at 4 °C using LIVE/DEAD BacLight™ staining and conventional plate counts. <i>International Journal of Food Science and Technology</i> , 2006, 41, 275-280.	1.3	47
15	Study of <i>Arcobacter</i> spp. contamination in fresh lettuces detected by different cultural and molecular methods. <i>International Journal of Food Microbiology</i> , 2011, 145, 311-314.	2.1	47
16	Specific detection of culturable <i>Helicobacter pylori</i> cells from wastewater treatment plants. <i>Helicobacter</i> , 2012, 17, 327-332.	1.6	46
17	Direct detection of thermotolerant campylobacters in chicken products by PCR and in situ hybridization. <i>Research in Microbiology</i> , 2001, 152, 577-582.	1.0	45
18	Amplified fragment length polymorphism (AFLP) and biochemical typing of <i>Photobacterium damsela</i> subsp. <i>damsela</i> . <i>Journal of Applied Microbiology</i> , 2002, 93, 681-688.	1.4	43

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19	Detection of <i>Vibrio vulnificus</i> in seafood, seawater and wastewater samples from a Mediterranean coastal area. <i>Microbiological Research</i> , 2010, 165, 657-664.	2.5	41
20	Antimicrobial potential of legume extracts against foodborne pathogens: A review. <i>Trends in Food Science and Technology</i> , 2018, 72, 114-124.	7.8	40
21	Survival and injury of <i>Arcobacter</i> after artificial inoculation into drinking water. <i>Research in Microbiology</i> , 2004, 155, 726-730.	1.0	37
22	Genetic diversity in <i>Helicobacter pullorum</i> from human and poultry sources identified by an amplified fragment length polymorphism technique and pulsed-field gel electrophoresis. <i>Journal of Applied Microbiology</i> , 1999, 87, 602-610.	1.4	36
23	Detection and enumeration of viable <i>Listeria monocytogenes</i> cells from ready-to-eat and processed vegetable foods by culture and DVC-FISH. <i>Food Control</i> , 2012, 27, 374-379.	2.8	34
24	DVC-FISH and PMA-qPCR techniques to assess the survival of <i>Helicobacter pylori</i> inside <i>Acanthamoeba castellanii</i> . <i>Research in Microbiology</i> , 2016, 167, 29-34.	1.0	32
25	Detection of viable <i>Helicobacter pylori</i> inside free-living amoebae in wastewater and drinking water samples from Eastern Spain. <i>Environmental Microbiology</i> , 2017, 19, 4103-4112.	1.8	29
26	Specific detection of viable <i>Listeria monocytogenes</i> in Spanish wastewater treatment plants by Fluorescent In Situ Hybridization and PCR. <i>Water Research</i> , 2011, 45, 4634-4640.	5.3	28
27	Rapid and Accurate Detection of <i>Arcobacter</i> Contamination in Commercial Chicken Products and Wastewater Samples by Real-Time Polymerase Chain Reaction. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 327-338.	0.8	27
28	Characterization of <i>Lactobacillus sake</i> isolates from dry-cured sausages by restriction fragment length polymorphism analysis of the 16S rRNA gene. <i>Journal of Applied Microbiology</i> , 1998, 84, 600-606.	1.4	26
29	Antimicrobial resistance of <i>Escherichia coli</i> isolated in newly-hatched chickens and effect of amoxicillin treatment during their growth. <i>Avian Pathology</i> , 2016, 45, 501-507.	0.8	26
30	Isolation, molecular identification and quinolone-susceptibility testing of <i>Arcobacter</i> spp. isolated from fresh vegetables in Spain. <i>Food Microbiology</i> , 2017, 65, 279-283.	2.1	24
31	Quantitative determination of <i>E. coli</i> , and fecal coliforms in water using a chromogenic medium. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 1998, 33, 1229-1248.	0.9	23
32	Risk characterization of antimicrobial resistance of <i>Salmonella</i> in meat products. <i>Food Control</i> , 2015, 57, 18-23.	2.8	21
33	Detection of <i>Helicobacter pylori</i> in drinking water treatment plants in Bogotá, Colombia, using cultural and molecular techniques. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 595-601.	2.1	21
34	Arbitrary primed PCR fingerprinting and serotyping of clinical <i>Pseudomonas aeruginosa</i> strains. <i>FEMS Immunology and Medical Microbiology</i> , 1997, 17, 37-47.	2.7	20
35	Determination of the bacterial microbiome of free-living amoebae isolated from wastewater by 16S rRNA amplicon-based sequencing. <i>Environmental Research</i> , 2020, 190, 109987.	3.7	20
36	Evidence of viable <i>Helicobacter pylori</i> and other bacteria of public health interest associated with free-living amoebae in lettuce samples by next generation sequencing and other molecular techniques. <i>International Journal of Food Microbiology</i> , 2020, 318, 108477.	2.1	18

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37	High prevalence of <i>Salmonella</i> spp. in wastewater reused for irrigation assessed by molecular methods. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 95-101.	2.1	16
38	Development of a Simple and Rapid Method Based on Polymerase Chain Reaction-Based Restriction Fragment Length Polymorphism Analysis to Differentiate <i>Helicobacter</i> , <i>Campylobacter</i> , and <i>Arcobacter</i> Species. <i>Current Microbiology</i> , 2006, 53, 416-421.	1.0	15
39	Arbitrary primed PCR fingerprinting and serotyping of clinical <i>Pseudomonas aeruginosa</i> strains. <i>FEMS Immunology and Medical Microbiology</i> , 1997, 17, 37-47.	2.7	14
40	The role of the consumer in the reduction of <i>Listeria monocytogenes</i> in lettuces by washing at home. <i>Food Control</i> , 2013, 29, 98-102.	2.8	14
41	Persistence of <i>Listeria monocytogenes</i> strains in a frozen vegetables processing plant determined by serotyping and REP-PCR. <i>International Journal of Food Science and Technology</i> , 2011, 46, 1109-1112.	1.3	12
42	Simultaneous Detection of Four Main Foodborne Pathogens in Ready-to-Eat Food by Using a Simple and Rapid Multiplex PCR (mPCR) Assay. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1031.	1.2	12
43	Amplified fragment length polymorphism genotyping of metronidazole-resistant <i>Helicobacter pylori</i> infecting dyspeptics in England. <i>Clinical Microbiology and Infection</i> , 2001, 7, 244-253.	2.8	11
44	Detection, Identification, and Antimicrobial Susceptibility of <i>Arcobacter</i> spp. Isolated from Shellfish in Spain. <i>Foodborne Pathogens and Disease</i> , 2017, 14, 238-243.	0.8	10
45	Risk Characterization of Antibiotic Resistance in Bacteria Isolated from Backyard, Organic, and Regular Commercial Eggs. <i>Journal of Food Protection</i> , 2019, 82, 422-428.	0.8	9
46	Correlation among fecal indicator bacteria and physicochemical parameters with the presence of <i>Helicobacter pylori</i> DNA in raw and drinking water from Bogotá, Colombia. <i>Helicobacter</i> , 2019, 24, e12582.	1.6	9
47	Deep-amplicon sequencing (DAS) analysis to determine the presence of pathogenic <i>Helicobacter</i> species in wastewater reused for irrigation. <i>Environmental Pollution</i> , 2020, 264, 114768.	3.7	9
48	<i>Caenorhabditis elegans</i> as an <i>in vivo</i> model to assess fucoidan bioactivity preventing <i>Helicobacter pylori</i> infection. <i>Food and Function</i> , 2020, 11, 4525-4534.	2.1	8
49	<i>Helicobacter Pylori</i> Detection in Shellfish: A Real-Time Quantitative Polymerase Chain Reaction Approach. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 137-143.	0.8	7
50	<i>Helicobacter pylori</i> growth pattern in reference media and extracts from selected minimally processed vegetables. <i>Food Control</i> , 2018, 86, 389-396.	2.8	6
51	Comparison of six different methods for typing <i>Pseudomonas aeruginosa</i> strains isolated from bottled and well waters. <i>Water Research</i> , 1997, 31, 3169-3174.	5.3	5
52	Evaluation of different culture media for detection and quantification of <i>H. pylori</i> in environmental and clinical samples. <i>International Microbiology</i> , 2020, 23, 481-487.	1.1	5
53	Ribotyping of <i>Pseudomonas aeruginosa</i> from infected patients: evidence of common strain types. <i>Apmis</i> , 1998, 106, 456-462.	0.9	4
54	A rapid procedure for the isolation of plasmid DNA from environmental bacteria. <i>International Microbiology</i> , 1999, 2, 115-7.	1.1	4

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55	Genotyping and molecular characterization of antimicrobial resistance in thermophilic <i>Campylobacter</i> isolated from poultry breeders and their progeny in Eastern Spain. <i>Poultry Science</i> , 2020, 99, 5096-5104.	1.5	3
56	Comparison of 23S polymerase chain reaction–restriction fragment length polymorphism and amplified fragment length polymorphism techniques as typing systems for thermophilic campylobacters. <i>FEMS Microbiology Letters</i> , 2002, 211, 97-103.	0.7	2
57	Optimization of pre- treatments with Propidium Monoazide and PEMAX [®] before real-time quantitative PCR for detection and quantification of viable <i>Helicobacter pylori</i> cells. <i>Journal of Microbiological Methods</i> , 2021, 185, 106223.	0.7	2
58	Study of dissemination and removal of multidrug resistant <i>Salmonella</i> in two sewage treatment plants from Comunitat Valenciana (Spain). , 2012, , .		1
59	<i>Helicobacter pylori</i> Is Present at Quantifiable Levels in Raw Vegetables in the Mediterranean Area of Spain. <i>Agriculture (Switzerland)</i> , 2022, 12, 339.	1.4	1
60	Isolation, phenotypic and genotypic characterization of quinolone-resistant <i>Salmonella enterica</i> strains isolated from foods and water. , 2009, , .		0
61	Determination of the presence of <i>Listeria monocytogenes</i> in modified-atmosphere-packaged vegetables by the UNE-EN ISO 11290-1:1997 and Multiplex PCR procedures. , 2012, , .		0
62	Effectiveness of sodium hypochlorite washing for the reduction of <i>Listeria monocytogenes</i> in ready to eat lettuce leaves. , 2012, , .		0
63	Antimicrobial susceptibility and quinolone resistance mechanism of <i>Arcobacter butzleri</i> isolates from sewage samples in Spain. , 2012, , .		0