

Marta Hernandez

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.

134
papers

4,247
citations

31
h-index

62
g-index

145
ext. papers

4,892
ext. citations

5.6
avg. IF

5.15
L-index

#	Paper	IF	Citations
134	Listeria monocytogenes survives better at lower storage temperatures in regular and low-salt soft and cured cheeses.. <i>Food Microbiology</i> , 2022 , 104, 103979	6	0
133	Longitudinal study of the mcr-1 gene prevalence in Spanish food-producing pigs from 1998 to 2021 and its relationship with the use of polymyxins.. <i>Porcine Health Management</i> , 2022 , 8, 12	3.5	0
132	Clonal and plasmid-mediated flow of ESBL/AmpC genes in Escherichia coli in a commercial laying hen farm. <i>Veterinary Microbiology</i> , 2022 , 109453	3.3	1
131	Next-Day Salmonella spp. Detection Method Based on Real-Time PCR for Foods. <i>Methods in Molecular Biology</i> , 2021 , 2182, 1-6	1.4	0
130	New Sequence Type ST3449 in Multidrug-Resistant Isolates from a Cystic Fibrosis Patient. <i>Antibiotics</i> , 2021 , 10,	4.9	1
129	Recommendations for the introduction of metagenomic next-generation sequencing in clinical virology, part II: bioinformatic analysis and reporting. <i>Journal of Clinical Virology</i> , 2021 , 138, 104812	14.5	9
128	The presence of SARS-CoV-2 RNA in human sewage in Santa Catarina, Brazil, November 2019. <i>Science of the Total Environment</i> , 2021 , 778, 146198	10.2	35
127	Recommendations for the introduction of metagenomic high-throughput sequencing in clinical virology, part I: Wet lab procedure. <i>Journal of Clinical Virology</i> , 2021 , 134, 104691	14.5	14
126	Molecular Detection of Viruses in Foods: From PCR to High-Throughput Sequencing and Beyond 2021 , 117-122		
125	First Report of an Extensively Drug-Resistant ST23 of Capsular Serotype K1 Co-Producing CTX-M-15, OXA-48 and ArmA in Spain. <i>Antibiotics</i> , 2021 , 10,	4.9	5
124	Tularemia Outbreaks in Spain from 2007 to 2020 in Humans and Domestic and Wild Animals. <i>Pathogens</i> , 2021 , 10,	4.5	2
123	Antimicrobial Resistance of Coagulase-Positive Isolates Recovered in a Veterinary University Hospital. <i>Antibiotics</i> , 2020 , 9,	4.9	4
122	Nutritional, Energy and Sanitary Aspects of Swine Manure and Carcass Co-digestion. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 333	5.8	5
121	Are Animals a Neglected Transmission Route of SARS-CoV-2?. <i>Pathogens</i> , 2020 , 9,	4.5	25
120	Hepatitis E Virus in Manure and Its Removal by Biodigestion in Intensive Production Farms, Santa Catarina, Brazil, 2018-2019. <i>Microorganisms</i> , 2020 , 8,	4.9	2
119	High-throughput sequencing and food microbiology. <i>Advances in Food and Nutrition Research</i> , 2020 , 91, 275-300	6	1
118	Proline-Rich Hypervariable Region of Hepatitis E Virus: Arranging the Disorder. <i>Microorganisms</i> , 2020 , 8,	4.9	6

117	Dietary supplementation with fermented defatted "alperujo" induces modifications of the intestinal mucosa and cecal microbiota of broiler chickens. <i>Poultry Science</i> , 2020 , 99, 5308-5315	3.9	2
116	Complementarity of Selective Culture and qPCR for Colistin Resistance Screening in Fresh and Frozen Pig Cecum Samples. <i>Frontiers in Microbiology</i> , 2020 , 11, 572712	5.7	2
115	Reduction of Typhimurium Cecal Colonisation and Improvement of Intestinal Health in Broilers Supplemented with Fermented Defatted Alperujo and Olive Oil By-Product. <i>Animals</i> , 2020 , 10,	3.1	1
114	Quick identification and epidemiological characterization of Francisella tularensis by MALDI-TOF mass spectrometry. <i>Journal of Microbiological Methods</i> , 2020 , 177, 106055	2.8	3
113	Involvement of and Genes in Colistin Resistance Mediated by Determinants. <i>Antibiotics</i> , 2020 , 9,	4.9	4
112	Dietary Supplementation with Sugar Beet Fructooligosaccharides and Garlic Residues Promotes Growth of Beneficial Bacteria and Increases Weight Gain in Neonatal Lambs. <i>Biomolecules</i> , 2020 , 10,	5.9	1
111	Oxacillin-susceptible mecA-positive Staphylococcus aureus associated with processed food in Europe. <i>Food Microbiology</i> , 2019 , 82, 107-110	6	13
110	Household-based biodigesters promote reduction of enteric virus and bacteria in vulnerable and poverty rural area. <i>Environmental Pollution</i> , 2019 , 252, 8-13	9.3	10
109	TORMES: an automated pipeline for whole bacterial genome analysis. <i>Bioinformatics</i> , 2019 , 35, 4207-4212	22	33
108	Occurrence of Hepatitis E Virus in Pigs and Pork Cuts and Organs at the Time of Slaughter, Spain, 2017. <i>Frontiers in Microbiology</i> , 2019 , 10, 2990	5.7	16
107	Distribution and Persistence of in a Heavily Contaminated Poultry Processing Facility. <i>Journal of Food Protection</i> , 2019 , 82, 1524-1531	2.5	12
106	Characterization of Virulence and Persistence Abilities of Strains Isolated from Food Processing Premises. <i>Journal of Food Protection</i> , 2019 , 82, 1922-1930	2.5	9
105	Mineral Waste Containing High Levels of Iron from an Environmental Disaster (Bento Rodrigues, Mariana, Brazil) is Associated with Higher Titers of Enteric Viruses. <i>Food and Environmental Virology</i> , 2019 , 11, 178-183	4	3
104	Day-old chicks are a source of antimicrobial resistant bacteria for laying hen farms. <i>Veterinary Microbiology</i> , 2019 , 230, 221-227	3.3	10
103	Listeria monocytogenes colonization in a newly established dairy processing facility. <i>International Journal of Food Microbiology</i> , 2019 , 289, 64-71	5.8	20
102	National colistin sales versus colistin resistance in Spanish pig production. <i>Research in Veterinary Science</i> , 2019 , 123, 141-143	2.5	7
101	Fecal Microbiota of Toxigenic -Associated Diarrhea. <i>Frontiers in Microbiology</i> , 2018 , 9, 3331	5.7	15
100	Infrequent isolation of extensively drug-resistant (XDR) Klebsiella pneumoniae resistant to colistin in Spain. <i>International Journal of Antimicrobial Agents</i> , 2018 , 51, 531-533	14.3	1

99	Autochthonous facility-specific microbiota dominates washed-rind Austrian hard cheese surfaces and its production environment. <i>International Journal of Food Microbiology</i> , 2018 , 267, 54-61	5.8	23
98	Different Lactobacillus populations dominate in "Chorizo de León" manufacturing performed in different production plants. <i>Food Microbiology</i> , 2018 , 70, 94-102	6	26
97	Emerging Biological Risks in a Global Context: An Introduction. <i>Advances in Food and Nutrition Research</i> , 2018 , 86, 1-12	6	1
96	Modelling the fate and serogroup variability of persistent Listeria monocytogenes strains on grated cheese at different storage temperatures. <i>International Journal of Food Microbiology</i> , 2018 , 286, 48-54	5.8	7
95	Zero-inflated binomial regressions for modelling low prevalence of pathogens in chicken meat as affected by sampling site. <i>Microbial Risk Analysis</i> , 2018 , 10, 28-36	1.6	
94	Characterization of Biofilms Formed by Foodborne Methicillin-Resistant. <i>Frontiers in Microbiology</i> , 2018 , 9, 3004	5.7	15
93	Hepatitis E Virus: A New Foodborne Zoonotic Concern. <i>Advances in Food and Nutrition Research</i> , 2018 , 86, 55-70	6	6
92	Evaluation of the Effective Inactivation of Enteric Bacteria and Viruses From Swine Effluent and Sludge at Tropical Temperatures. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	3
91	Definition of sampling procedures for collective-eating establishments based on the distribution of environmental microbiological contamination on food handlers, utensils and surfaces. <i>Food Control</i> , 2017 , 77, 8-16	6.2	10
90	Presence of methicillin-resistant Staphylococcus aureus in the food chain. <i>Trends in Food Science and Technology</i> , 2017 , 61, 49-59	15.3	40
89	Quantitative Detection of Clostridium perfringens by Real-Time PCR in Raw Milk. <i>Food Analytical Methods</i> , 2017 , 10, 1139-1147	3.4	2
88	Escherichia coli ST167 carrying plasmid mobilisable mcr-1 and bla resistance determinants isolated from a human respiratory infection. <i>International Journal of Antimicrobial Agents</i> , 2017 , 50, 285-286	14.3	13
87	Evaluation of eryC as a Molecular Marker for the Quantitative Detection of Brucella Spp. by Real-Time PCR in Food Samples. <i>Food Analytical Methods</i> , 2017 , 10, 1148-1155	3.4	4
86	Daily thanatobiome changes in soil as an approach of postmortem interval estimation: An ecological perspective. <i>Forensic Science International</i> , 2017 , 278, 388-395	2.6	27
85	Dynamics of the oral microbiota as a tool to estimate time since death. <i>Molecular Oral Microbiology</i> , 2017 , 32, 511-516	4.6	23
84	Different Behavior of Enteric Bacteria and Viruses in Clay and Sandy Soils after Biofertilization with Swine Digestate. <i>Frontiers in Microbiology</i> , 2017 , 8, 74	5.7	16
83	Detection and Characterization of and Methicillin-Resistant in Foods Confiscated in EU Borders. <i>Frontiers in Microbiology</i> , 2017 , 8, 1344	5.7	30
82	Co-occurrence of colistin-resistance genes mcr-1 and mcr-3 among multidrug-resistant Escherichia coli isolated from cattle, Spain, September 2015. <i>Eurosurveillance</i> , 2017 , 22,	19.8	76

81	Propidium Monoazide Coupled with PCR Predicts Infectivity of Enteric Viruses in Swine Manure and Biofertilized Soil. <i>Food and Environmental Virology</i> , 2016 , 8, 79-85	4	15
80	<i>Yersinia enterocolitica</i> : Detection and Treatment 2016 , 600-605		
79	Future directions for molecular microbial diagnostic methods for the food industry 2016 , 19-37		2
78	Propidium Monoazide Integrated with qPCR Enables the Detection and Enumeration of Infectious Enteric RNA and DNA Viruses in Clam and Fermented Sausages. <i>Frontiers in Microbiology</i> , 2016 , 7, 2008	5.7	14
77	Application of the SureTect Detection Methods for <i>Listeria monocytogenes</i> and <i>Listeria</i> spp. in Meat, Dairy, Fish, and Vegetable Products. <i>Food Analytical Methods</i> , 2015 , 8, 1-6	3.4	27
76	Foods confiscated from non-EU flights as a neglected route of potential methicillin-resistant <i>Staphylococcus aureus</i> transmission. <i>International Journal of Food Microbiology</i> , 2015 , 209, 29-33	5.8	26
75	Foods from black market at EU border as a neglected route of potential methicillin-resistant <i>Staphylococcus aureus</i> transmission. <i>International Journal of Food Microbiology</i> , 2015 , 209, 34-8	5.8	18
74	Effect of invasive slug populations (<i>Arion vulgaris</i>) on grass silage. II: Microbiological quality and feed safety. <i>Animal Feed Science and Technology</i> , 2015 , 199, 20-28	3	4
73	Identification and molecular characterization of pathogenic bacteria in foods confiscated from non-EU flights passengers at one Spanish airport. <i>International Journal of Food Microbiology</i> , 2015 , 209, 20-5	5.8	20
72	Monitoring of Extraction Efficiency by a Sample Process Control Virus Added Immediately Upon Sample Receipt. <i>Food and Environmental Virology</i> , 2015 , 7, 413-6	4	5
71	Presence of pathogenic enteric viruses in illegally imported meat and meat products to EU by international air travelers. <i>International Journal of Food Microbiology</i> , 2015 , 209, 39-43	5.8	19
70	Environmental sampling for <i>Listeria monocytogenes</i> control in food processing facilities reveals three contamination scenarios. <i>Food Control</i> , 2015 , 51, 94-107	6.2	92
69	Molecular Epidemiology of Invasive Listeriosis due to <i>Listeria monocytogenes</i> in a Spanish Hospital over a Nine-Year Study Period, 2006-2014. <i>BioMed Research International</i> , 2015 , 2015, 191409	3	18
68	Evaluation of two commercially available chromogenic media for confirmation of methicillin-resistant <i>Staphylococcus aureus</i> from human, animal, and food samples. <i>International Journal of Food Microbiology</i> , 2015 , 209, 26-8	5.8	5
67	Draft Genome Sequences of <i>Corynebacterium kroppenstedtii</i> CNM633/14 and CNM632/14, Multidrug-Resistant and Antibiotic-Sensitive Isolates from Nodules of Granulomatous Mastitis Patients. <i>Genome Announcements</i> , 2015 , 3,		5
66	Draft Genome Sequences of the Two Unrelated Macrolide-Resistant <i>Corynebacterium argenteorotense</i> Strains CNM 463/05 and CNM 601/08, Isolated from Patients in the University Hospital of Leñ, Spain. <i>Genome Announcements</i> , 2015 , 3,		3
65	Inhibitory activity of reuterin, nisin, lysozyme and nitrite against vegetative cells and spores of dairy-related <i>Clostridium</i> species. <i>International Journal of Food Microbiology</i> , 2014 , 172, 70-5	5.8	71
64	Survival kinetics of <i>Listeria monocytogenes</i> on raw sheep milk cured cheese under different storage temperatures. <i>International Journal of Food Microbiology</i> , 2014 , 184, 39-44	5.8	23

63	Susceptibility of <i>Clostridium perfringens</i> to antimicrobials produced by lactic acid bacteria: Reuterin and nisin. <i>Food Control</i> , 2014 , 44, 22-25	6.2	19
62	Optimization of a Real Time PCR based method for the detection of <i>Listeria monocytogenes</i> in pork meat. <i>International Journal of Food Microbiology</i> , 2014 , 184, 106-8	5.8	16
61	Probabilistic approach for determining <i>Salmonella</i> spp. and <i>L. monocytogenes</i> concentration in pork meat from presence/absence microbiological data. <i>International Journal of Food Microbiology</i> , 2014 , 184, 60-3	5.8	10
60	Next day <i>Salmonella</i> spp. detection method based on real-time PCR for meat, dairy and vegetable food products. <i>International Journal of Food Microbiology</i> , 2014 , 184, 113-20	5.8	37
59	Comparison of polymerase chain reaction methods and plating for analysis of enriched cultures of <i>Listeria monocytogenes</i> when using the ISO11290-1 method. <i>Journal of Microbiological Methods</i> , 2014 , 98, 8-14	2.8	16
58	Methicillin-resistant <i>Staphylococcus aureus</i> harboring <i>mecC</i> in livestock in Spain. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 4067-9	9.7	23
57	European validation of a real-time PCR-based method for detection of <i>Listeria monocytogenes</i> in soft cheese. <i>International Journal of Food Microbiology</i> , 2014 , 184, 128-33	5.8	38
56	Reducing time in the analysis of <i>Listeria monocytogenes</i> in meat, dairy and vegetable products. <i>International Journal of Food Microbiology</i> , 2014 , 184, 98-105	5.8	26
55	Proposal of performance objectives and sampling schemes for <i>Listeria monocytogenes</i> in fresh meat intended to be eaten cooked under different storage practices. <i>International Journal of Food Microbiology</i> , 2014 , 184, 50-4	5.8	3
54	Performance objectives for <i>Salmonella</i> in fresh pork meat intended to be eaten cooked: how to derive them and verify their achievement. <i>International Journal of Food Microbiology</i> , 2014 , 184, 55-9	5.8	3
53	Molecular investigation of tularemia outbreaks, Spain, 1997-2008. <i>Emerging Infectious Diseases</i> , 2014 , 20, 754-61	10.2	22
52	Impact of the prevalence of different pathogens on the performance of sampling plans in lettuce products. <i>International Journal of Food Microbiology</i> , 2014 , 184, 69-73	5.8	15
51	European validation of Real-Time PCR method for detection of <i>Salmonella</i> spp. in pork meat. <i>International Journal of Food Microbiology</i> , 2014 , 184, 134-8	5.8	25
50	Confirmation of isolates of <i>Listeria</i> by conventional and real-time PCR. <i>Methods in Molecular Biology</i> , 2014 , 1157, 31-8	1.4	2
49	Molecular epidemiology of methicillin-resistant <i>Staphylococcus aureus</i> in a university hospital in northwestern Spain. <i>International Microbiology</i> , 2014 , 17, 149-57	3	2
48	Analysis of Cheese Small Molecules by UPLC [®] ToF-MS and Multivariate Statistical Methods Using Several Extraction Procedures. <i>Food Analytical Methods</i> , 2013 , 6, 1497-1507	3.4	3
47	Molecular detection of viruses in foods and food-processing environments 2013 , 49-78		1
46	Molecular characterization of <i>Mycoplasma agalactiae</i> reveals the presence of an endemic clone in Spain. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 656-60	9.7	9

45	Real-time PCR in Food Science: Introduction. <i>Current Issues in Molecular Biology</i> , 2013 , 15, 25-38	2.9	23
44	Real-time PCR in Food Science: PCR Diagnostics. <i>Current Issues in Molecular Biology</i> , 2013 , 15, 39-44	2.9	28
43	Multicenter Collaborative Trial Evaluation of a Method for Detection of Human Adenoviruses in Berry Fruit. <i>Food Analytical Methods</i> , 2012 , 5, 1-7	3.4	18
42	Evaluation of high hydrostatic pressure effect on human adenovirus using molecular methods and cell culture. <i>International Journal of Food Microbiology</i> , 2012 , 157, 368-74	5.8	16
41	A survey of <i>Mycoplasma agalactiae</i> in dairy sheep farms in Spain. <i>BMC Veterinary Research</i> , 2012 , 8, 171	2.7	15
40	Prevalence and transmission of hepatitis E virus in domestic swine populations in different European countries. <i>BMC Research Notes</i> , 2012 , 5, 190	2.3	55
39	Natural plant essential oils do not inactivate non-enveloped enteric viruses. <i>Food and Environmental Virology</i> , 2012 , 4, 209-12	4	15
38	Hepatitis E virus in pork production chain in Czech Republic, Italy, and Spain, 2010. <i>Emerging Infectious Diseases</i> , 2012 , 18, 1282-9	10.2	109
37	Occurrence of human enteric viruses in commercial mussels at retail level in three European countries. <i>Food and Environmental Virology</i> , 2012 , 4, 73-80	4	67
36	Virus hazards from food, water and other contaminated environments. <i>FEMS Microbiology Reviews</i> , 2012 , 36, 786-814	15.1	197
35	Effect of high hydrostatic pressure processing on norovirus infectivity and genome stability in strawberry puree and mineral water. <i>International Journal of Food Microbiology</i> , 2012 , 152, 35-9	5.8	27
34	Evaluation of Extraction Methods for Efficient Detection of Enteric Viruses in Pork Meat Products. <i>Food Analytical Methods</i> , 2011 , 4, 13-22	3.4	6
33	Construction and Analytical Application of Internal Amplification Controls (IAC) for Detection of Food Supply Chain-Relevant Viruses by Real-Time PCR-Based Assays. <i>Food Analytical Methods</i> , 2011 , 4, 437-445	3.4	46
32	Analytical Application of a Sample Process Control in Detection of Foodborne Viruses. <i>Food Analytical Methods</i> , 2011 , 4, 614-618	3.4	33
31	Design and Application of Nucleic Acid Standards for Quantitative Detection of Enteric Viruses by Real-Time PCR. <i>Food and Environmental Virology</i> , 2011 , 3, 92-98	4	34
30	Virus Genome Quantification Does not Predict Norovirus Infectivity After Application of Food Inactivation Processing Technologies. <i>Food and Environmental Virology</i> , 2011 , 3, 141-146	4	23
29	smcL as a novel diagnostic marker for quantitative detection of <i>Listeria ivanovii</i> in biological samples. <i>Journal of Applied Microbiology</i> , 2010 , 109, 863-72	4.7	11
28	High hydrostatic pressure as emergent technology for the elimination of foodborne viruses. <i>Trends in Food Science and Technology</i> , 2010 , 21, 558-568	15.3	31

27	Current Challenges in Molecular Diagnostics in Food Microbiology 2009 , 211-228		2
26	Mycoplasma agalactiae p40 Gene, a novel marker for diagnosis of contagious agalactia in sheep by real-time PCR: assessment of analytical performance and in-house validation using naturally contaminated milk samples. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 445-50	9.7	18
25	A filtration-based real-time PCR method for the quantitative detection of viable Salmonella enterica and Listeria monocytogenes in food samples. <i>Food Microbiology</i> , 2009 , 26, 311-6	6	54
24	The genome sequence of taurine cattle: a window to ruminant biology and evolution. <i>Science</i> , 2009 , 324, 522-8	33.3	863
23	Real-Time PCR Methods for Detection of Foodborne Bacterial Pathogens in Meat and Meat Products 2009 , 427-446		1
22	Detection of the Principal Foodborne Pathogens in Seafoods and Seafood-Related Environments 2009 , 557-578		
21	Pea detection in food and feed samples by a real-time PCR method based on a specific legumin gene that allows diversity analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 11098-104	5.7	4
20	Quantitative detection of Clostridium tyrobutyricum in milk by real-time PCR. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 3747-51	4.8	47
19	Trends in analytical methodology in food safety and quality: monitoring microorganisms and genetically modified organisms. <i>Trends in Food Science and Technology</i> , 2007 , 18, 306-319	15.3	124
18	Internally controlled real-time PCR method for quantitative species-specific detection and vapA genotyping of Rhodococcus equi. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 4256-63	4.8	43
17	APPLICATION OF NUCLEIC ACID SEQUENCE-BASED AMPLIFICATION FOR THE DETECTION OF VIABLE FOODBORNE PATHOGENS: PROGRESS AND CHALLENGES. <i>Journal of Rapid Methods and Automation in Microbiology</i> , 2006 , 14, 218-236		26
16	ISOLATION OF LISTERIA MONOCYTOGENES DNA FROM MEAT PRODUCTS FOR QUANTITATIVE DETECTION BY REAL-TIME PCR. <i>Journal of Rapid Methods and Automation in Microbiology</i> , 2006 , 14, 395-404		12
15	A microarray-based detection system for genetically modified (GM) food ingredients. <i>Plant Molecular Biology</i> , 2006 , 61, 123-39	4.6	98
14	Interlaboratory transfer of a PCR multiplex method for simultaneous detection of four genetically modified maize lines: Bt11, MON810, T25, and GA21. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 3333-7	5.7	58
13	Real-time polymerase chain reaction based assays for quantitative detection of barley, rice, sunflower, and wheat. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 7003-9	5.7	98
12	Current Methodology for Detection, Identification and Quantification of Genetically Modified Organisms. <i>Current Analytical Chemistry</i> , 2005 , 1, 203-221	1.7	47
11	Quantitative detection of Listeria monocytogenes and Listeria innocua by real-time PCR: assessment of hly, iap, and lin02483 targets and AmpliFluor technology. <i>Applied and Environmental Microbiology</i> , 2004 , 70, 1366-77	4.8	186
10	Development of real-time PCR systems based on SYBR Green I, Amplifluor and TaqMan technologies for specific quantitative detection of the transgenic maize event GA21. <i>Journal of Cereal Science</i> , 2004 , 39, 99-107	3.8	75

9	Development and comparison of four real-time polymerase chain reaction systems for specific detection and quantification of <i>Zea mays</i> L. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 4632-7	5.7	106
8	Simultaneous quantitative detection of <i>Listeria</i> spp. and <i>Listeria monocytogenes</i> using a duplex real-time PCR-based assay. <i>FEMS Microbiology Letters</i> , 2004 , 233, 257-67	2.9	11
7	Real-time and conventional polymerase chain reaction systems based on the metallo-carboxypeptidase inhibitor gene for specific detection and quantification of potato and tomato in processed food. <i>Journal of Food Protection</i> , 2003 , 66, 1063-70	2.5	16
6	A specific real-time quantitative PCR detection system for event MON810 in maize YieldGard based on the 3Strangene integration sequence. <i>Transgenic Research</i> , 2003 , 12, 179-89	3.3	127
5	Development of melting temperature-based SYBR Green I polymerase chain reaction methods for multiplex genetically modified organism detection. <i>Analytical Biochemistry</i> , 2003 , 323, 164-70	3.1	67
4	A rapid and direct real time PCR-based method for identification of <i>Salmonella</i> spp. <i>Journal of Microbiological Methods</i> , 2003 , 54, 381-90	2.8	66
3	A rapeseed-specific gene, acetyl-CoA carboxylase, can be used as a reference for qualitative and real-time quantitative PCR detection of transgenes from mixed food samples. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 3622-7	5.7	86
2	Assessment of Genetically Modified Organisms (GMO) in Meat Products by PCR		501-518
1	SARS-CoV-2 in human sewage in Santa Catalina, Brazil, November 2019		23