

Sarah Gaspar Azinheiro

List of Publications by Citations

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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.

30
papers

306
citations

11
h-index

16
g-index

32
ext. papers

434
ext. citations

5.3
avg, IF

3.86
L-index

#	Paper	IF	Citations
30	Rapid and sensitive detection of viable <i>Listeria monocytogenes</i> in food products by a filtration-based protocol and qPCR. <i>Food Microbiology</i> , 2018 , 73, 254-263	6	39
29	Combination of Microfluidic Loop-Mediated Isothermal Amplification with Gold Nanoparticles for Rapid Detection of spp. in Food Samples. <i>Frontiers in Microbiology</i> , 2017 , 8, 2159	5.7	32
28	Systematic loop-mediated isothermal amplification assays for rapid detection and characterization of <i>Salmonella</i> spp., <i>Enteritidis</i> and <i>Typhimurium</i> in food samples. <i>Food Control</i> , 2017 , 80, 297-306	6.2	29
27	Combination of Immunomagnetic Separation and Real-Time Recombinase Polymerase Amplification (IMS-qRPA) for Specific Detection of <i>Listeria monocytogenes</i> in Smoked Salmon Samples. <i>Journal of Food Science</i> , 2019 , 84, 1881-1887	3.4	26
26	Development and evaluation of loop-mediated isothermal amplification, and Recombinase Polymerase Amplification methodologies, for the detection of <i>Listeria monocytogenes</i> in ready-to-eat food samples. <i>Food Control</i> , 2018 , 86, 27-34	6.2	22
25	Green synthesis of lignin nano- and micro-particles: Physicochemical characterization, bioactive properties and cytotoxicity assessment. <i>International Journal of Biological Macromolecules</i> , 2020 , 163, 1798-1809	7.9	20
24	Highly sensitive detection of gluten-containing cereals in food samples by real-time Loop-mediated isothermal AMPlification (qLAMP) and real-time polymerase chain reaction (qPCR). <i>Food Chemistry</i> , 2018 , 246, 156-163	8.5	16
23	Transcriptomic profiling of <i>Arabidopsis</i> gene expression in response to varying micronutrient zinc supply. <i>Genomics Data</i> , 2016 , 7, 256-8		15
22	Specific detection of viable <i>Salmonella</i> <i>Enteritidis</i> by phage amplification combined with qPCR (PAA-qPCR) in spiked chicken meat samples. <i>Food Control</i> , 2019 , 99, 79-83	6.2	15
21	A smart microfluidic platform for rapid multiplexed detection of foodborne pathogens. <i>Food Control</i> , 2020 , 114, 107242	6.2	14
20	Highly efficient DNA extraction and purification from olive oil on a washable and reusable miniaturized device. <i>Analytica Chimica Acta</i> , 2018 , 1020, 30-40	6.6	11
19	Optimized sample treatment, combined with real-time PCR, for same-day detection of <i>E. coli</i> O157 in ground beef and leafy greens. <i>Food Control</i> , 2020 , 108, 106790	6.2	10
18	Evaluation of Different Genetic Targets for <i>Salmonella enterica</i> Serovar <i>Enteritidis</i> and <i>Typhimurium</i> , Using Loop-Mediated Isothermal AMPlification for Detection in Food Samples. <i>Frontiers in Sustainable Food Systems</i> , 2018 , 2,	4.8	8
17	Application of Recombinase Polymerase Amplification with Lateral Flow for a Naked-Eye Detection of on Food Processing Surfaces. <i>Foods</i> , 2020 , 9,	4.9	7
16	Comparative study of multiplex real-time recombinase polymerase amplification and ISO 11290-1 methods for the detection of <i>Listeria monocytogenes</i> in dairy products. <i>Food Microbiology</i> , 2020 , 92, 103570	6	6
15	Novel approach for accurate minute DNA quantification on microvolumetric solutions. <i>Microchemical Journal</i> , 2018 , 138, 540-549	4.8	5
14	Multiplex Detection of spp., O157 and by qPCR Melt Curve Analysis in Spiked Infant Formula. <i>Microorganisms</i> , 2020 , 8,	4.9	5

13	Loop-mediated isothermal amplification combined with immunomagnetic separation and propidium monoazide for the specific detection of viable <i>Listeria monocytogenes</i> in milk products, with an internal amplification control. <i>Food Control</i> , 2021 , 125, 107975	6.2	5
12	Application of Short Pre-enrichment, and Double Chemistry Real-Time PCR, Combining Fluorescent Probes and an Intercalating Dye, for Same-Day Detection and Confirmation of spp. and O157 in Ground Beef and Chicken Samples. <i>Frontiers in Microbiology</i> , 2020 , 11, 591041	5.7	4
11	Single-use microfluidic device for purification and concentration of environmental DNA from river water. <i>Talanta</i> , 2021 , 226, 122109	6.2	3
10	Faster monitoring of the invasive alien species (IAS) <i>Dreissena polymorpha</i> in river basins through isothermal amplification. <i>Scientific Reports</i> , 2021 , 11, 10175	4.9	3
9	Combination of Recombinase Polymerase Amplification with SYBR Green I for naked-eye, same-day detection of <i>Escherichia coli</i> O157:H7 in ground meat. <i>Food Control</i> , 2022 , 132, 108494	6.2	3
8	Evaluation and implementation of commercial antibodies for improved nanoparticle-based immunomagnetic separation and real-time PCR for faster detection of. <i>Journal of Food Science and Technology</i> , 2020 , 57, 4143-4151	3.3	2
7	Optimization and Clinical Evaluation of a Multi-Target Loop-Mediated Isothermal Amplification Assay for the Detection of SARS-CoV-2 in Nasopharyngeal Samples. <i>Viruses</i> , 2021 , 13,	6.2	2
6	Development of a real-time PCR assay with an internal amplification control for the detection of spoilage fungi in fruit preparations. <i>Food Control</i> , 2022 , 135, 108783	6.2	1
5	Evaluation of simple sequence repeats (SSR) and single nucleotide polymorphism (SNP)-based methods in olive varieties from the Northwest of Spain and potential for miniaturization.. <i>Food Chemistry Molecular Sciences</i> , 2021 , 3, 100038	1	1
4	Suitability of the MinION long read sequencer for semi-targeted detection of foodborne pathogens. <i>Analytica Chimica Acta</i> , 2021 , 1184, 339051	6.6	1
3	Short pre-enrichment and modified matrix lysis. A comparative study towards same-day detection of <i>Listeria monocytogenes</i> . <i>LWT - Food Science and Technology</i> , 2022 , 154, 112900	5.4	0
2	Next-day detection of viable <i>Listeria monocytogenes</i> by multiplex reverse transcriptase real-time PCR. <i>Food Control</i> , 2022 , 133, 108593	6.2	0
1	Data on minute DNA quantification on microvolumetric solutions: comparison of mathematical models and effect of some compounds on the DNA quantification accuracy. <i>Data in Brief</i> , 2018 , 21, 424-431		1,2