# Joana Carvalho

List of Publications by Year
in descending order

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| 28 | 462 | 758635 12 | 713013 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 29 | 29 | 29 | 408 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dual colorimetric strategy for specific DNA detection by nicking endonuclease-assisted gold nanoparticle signal amplification. Analytical and Bioanalytical Chemistry, 2022, 414, 5239-5253. | 1.9 | 7 |
| 2 | Combination of Recombinase Polymerase Amplification with SYBR Green I for naked-eye, same-day detection of Escherichia coli O157:H7 in ground meat. Food Control, 2022, 132, 108494. | 2.8 | 7 |
| 3 | Next-day detection of viable Listeria monocytogenes by multiplex reverse transcriptase real-time PCR. Food Control, 2022, 133, 108593. | 2.8 | 7 |
| 4 | Short pre-enrichment and modified matrix lysis. A comparative study towards same-day detection of Listeria monocytogenes. LWT - Food Science and Technology, 2022, 154, 112900. | 2.5 | 3 |
| 5 | Single-use microfluidic device for purification and concentration of environmental DNA from river water. Talanta, 2021, 226, 122109. | 2.9 | 6 |
| 6 | Optimization and Clinical Evaluation of a Multi-Target Loop-Mediated Isothermal Amplification Assay for the Detection of SARS-CoV-2 in Nasopharyngeal Samples. Viruses, 2021, 13, 940. | 1.5 | 8 |
| 7 | Faster monitoring of the invasive alien species (IAS) Dreissena polymorpha in river basins through isothermal amplification. Scientific Reports, 2021, 11, 10175. | 1.6 | 10 |
| 8 | Loop-mediated isothermal amplification combined with immunomagnetic separation and propidium monoazide for the specific detection of viable Listeria monocytogenes in milk products, with an internal amplification control. Food Control, 2021, 125, 107975. | 2.8 | 13 |
| 9 | Microsatellite Markers in Olives (Olea europaea L.): Utility in the Cataloging of Germplasm, Food Authenticity and Traceability Studies. Foods, 2021, 10, 1907. | 1.9 | 8 |
| 10 | 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. Food Chemistry Molecular Sciences, 2021, 3, 100038. | 0.9 | 4 |
| 11 | Suitability of the MinION long read sequencer for semi-targeted detection of foodborne pathogens. Analytica Chimica Acta, 2021, 1184, 339051. | 2.6 | 8 |
| 12 | Optimized sample treatment, combined with real-time PCR, for same-day detection of E. coli O157 in ground beef and leafy greens. Food Control, 2020, 108, 106790. | 2.8 | 18 |
| 13 | 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 Salmonella spp. and Escherichia coli O157 in Ground Beef and Chicken Samples. Frontiers in Microbiology, 2020, 11, 591041. | 1.5 | 8 |
| 14 | Multiplex Detection of Salmonella spp., E. coli O157 and L. monocytogenes by qPCR Melt Curve Analysis in Spiked Infant Formula. Microorganisms, 2020, 8, 1359. | 1.6 | 15 |
| 15 | Application of Recombinase Polymerase Amplification with Lateral Flow for a Naked-Eye Detection of Listeria monocytogenes on Food Processing Surfaces. Foods, 2020, 9, 1249. | 1.9 | 13 |
| 16 | Comparative study of multiplex real-time recombinase polymerase amplification and ISO 11290-1 methods for the detection of Listeria monocytogenes in dairy products. Food Microbiology, 2020, 92, 103570. | 2.1 | 15 |
| 17 | Evaluation and implementation of commercial antibodies for improved nanoparticle-based immunomagnetic separation and real-time PCR for faster detection of Listeria monocytogenes. Journal of Food Science and Technology, 2020, 57, 4143-4151. | 1.4 | 5 |
| 18 | Combination of Immunomagnetic Separation and Realâ€Time Recombinase Polymerase Amplification (IMSâ€qRPA) for Specific Detection of Listeria monocytogenes in Smoked Salmon Samples. Journal of Food Science, 2019, 84, 1881-1887. | 1.5 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Specific detection of viable Salmonella Enteritidis by phage amplification combined with qPCR (PAA-qPCR) in spiked chicken meat samples. Food Control, 2019, 99, 79-83. | 2.8 | 31 |
| 20 | Rapid and sensitive detection of viable Listeria monocytogenes in food products by a filtration-based protocol and qPCR. Food Microbiology, 2018, 73, 254-263. | 2.1 | 60 |
| 21 | Novel approach for accurate minute DNA quantification on microvolumetric solutions. Microchemical Journal, 2018, 138, 540-549. | 2.3 | 8 |
| 22 | Highly efficient DNA extraction and purification from olive oil on a washable and reusable miniaturized device. Analytica Chimica Acta, 2018, 1020, 30-40. | 2.6 | 18 |
| 23 | Development and evaluation of loop-mediated isothermal amplification, and Recombinase Polymerase Amplification methodologies, for the detection of Listeria monocytogenes in ready-to-eat food samples. Food Control, 2018, 86, 27-34. | 2.8 | 34 |
| 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). Food Chemistry, 2018, 246, 156-163. | 4.2 | 24 |
| 25 | Data on minute DNA quantification on microvolumetric solutions: comparison of mathematical models and effect of some compounds on the DNA quantification accuracy. Data in Brief, 2018, 21, 424-431. | 0.5 | 0 |
| 26 | Evaluation of Different Genetic Targets for Salmonella enterica Serovar Enteriditis and Typhimurium, Using Loop-Mediated Isothermal AMPlification for Detection in Food Samples. Frontiers in Sustainable Food Systems, 2018, 2, . | 1.8 | 14 |
| 27 | Systematic loop-mediated isothermal amplification assays for rapid detection and characterization of Salmonella spp., Enteritidis and Typhimurium in food samples. Food Control, 2017, 80, 297-306. | 2.8 | 37 |
| 28 | Combination of Microfluidic Loop-Mediated Isothermal Amplification with Gold Nanoparticles for Rapid Detection of Salmonella spp. in Food Samples. Frontiers in Microbiology, 2017, 8, 2159. | 1.5 | 48 |