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List of Publications by Year
in descending order

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31	538	687335 13	677123 22
papers	citations	h-index	g-index

32	32	32	507
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid and sensitive detection of viable Listeria monocytogenes in food products by a filtration-based protocol and qPCR. Food Microbiology, 2018, 73, 254-263.	4.2	60
2	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.	3.5	48
3	Green synthesis of lignin nano- and micro-particles: Physicochemical characterization, bioactive properties and cytotoxicity assessment. International Journal of Biological Macromolecules, 2020, 163, 1798-1809.	7.5	46
4	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.	5.5	37
5	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.	5.5	34
6	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.	3.1	33
7	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.	5.5	31
8	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.	8.2	24
9	A smart microfluidic platform for rapid multiplexed detection of foodborne pathogens. Food Control, 2020, 114, 107242.	5.5	20
10	Highly efficient DNA extraction and purification from olive oil on a washable and reusable miniaturized device. Analytica Chimica Acta, 2018, 1020, 30-40.	5.4	18
11	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.	5.5	18
12	Transcriptomic profiling of Arabidopsis gene expression in response to varying micronutrient zinc supply. Genomics Data, 2016, 7, 256-258.	1.3	17
13	Multiplex Detection of Salmonella spp., E. coli O157 and L. monocytogenes by qPCR Melt Curve Analysis in Spiked Infant Formula. Microorganisms, 2020, 8, 1359.	3.6	15
14	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.	4.2	15
15	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, .	3.9	14
16	Application of Recombinase Polymerase Amplification with Lateral Flow for a Naked-Eye Detection of Listeria monocytogenes on Food Processing Surfaces. Foods, 2020, 9, 1249.	4.3	13
17	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.	5.5	13
18	Faster monitoring of the invasive alien species (IAS) Dreissena polymorpha in river basins through isothermal amplification. Scientific Reports, 2021, 11, 10175.	3.3	10

#	Article	IF	Citations
19	Novel approach for accurate minute DNA quantification on microvolumetric solutions. Microchemical Journal, 2018, 138, 540-549.	4.5	8
20	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.	3.5	8
21	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.	3.3	8
22	Suitability of the MinION long read sequencer for semi-targeted detection of foodborne pathogens. Analytica Chimica Acta, 2021, 1184, 339051.	5.4	8
23	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.	5.5	7
24	Next-day detection of viable Listeria monocytogenes by multiplex reverse transcriptase real-time PCR. Food Control, 2022, 133, 108593.	5.5	7
25	Rapid Same-Day Detection of Listeria monocytogenes, Salmonella spp., and Escherichia coli O157 by Colorimetric LAMP in Dairy Products. Food Analytical Methods, 2022, 15, 2959-2971.	2.6	7
26	Single-use microfluidic device for purification and concentration of environmental DNA from river water. Talanta, 2021, 226, 122109.	5.5	6
27	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.	2.8	5
28	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.	2.1	4
29	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.	5.2	3
30	Development of a real-time PCR assay with an internal amplification control for the detection of spoilage fungi in fruit preparations. Food Control, 2022, 135, 108783.	5.5	1
31	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.	1.0	0