

Anderson S. Sant'Ana

List of Publications by Year in descending order

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260
papers

10,990
citations

26630

56
h-index

48315

88
g-index

271
all docs

271
docs citations

271
times ranked

10780
citing authors

#	ARTICLE	IF	CITATIONS
1	Green alternative methods for the extraction of antioxidant bioactive compounds from winery wastes and by-products: A review. <i>Trends in Food Science and Technology</i> , 2016, 49, 96-109.	15.1	515
2	Sources and contamination routes of microbial pathogens to fresh produce during field cultivation: A review. <i>Food Microbiology</i> , 2018, 73, 177-208.	4.2	341
3	Paraprobiotics: Evidences on their ability to modify biological responses, inactivation methods and perspectives on their application in foods. <i>Trends in Food Science and Technology</i> , 2016, 58, 96-114.	15.1	243
4	Essential oils as natural additives to prevent oxidation reactions in meat and meat products: A review. <i>Food Research International</i> , 2018, 113, 156-166.	6.2	239
5	Modified mycotoxins: An updated review on their formation, detection, occurrence, and toxic effects. <i>Food and Chemical Toxicology</i> , 2018, 111, 189-205.	3.6	207
6	Mild processing applied to the inactivation of the main foodborne bacterial pathogens: A review. <i>Trends in Food Science and Technology</i> , 2017, 66, 20-35.	15.1	201
7	The occurrence and effect of unit operations for dairy products processing on the fate of aflatoxin M1: A review. <i>Food Control</i> , 2016, 68, 310-329.	5.5	176
8	Paraprobiotics and postbiotics: concepts and potential applications in dairy products. <i>Current Opinion in Food Science</i> , 2020, 32, 1-8.	8.0	164
9	Application of essential oils as antimicrobial agents against spoilage and pathogenic microorganisms in meat products. <i>International Journal of Food Microbiology</i> , 2021, 337, 108966.	4.7	151
10	Interactions between probiotics and pathogenic microorganisms in hosts and foods: A review. <i>Trends in Food Science and Technology</i> , 2020, 95, 205-218.	15.1	141
11	Natural products with preservative properties for enhancing the microbiological safety and extending the shelf-life of seafood: A review. <i>Food Research International</i> , 2020, 127, 108762.	6.2	140
12	Recent advancements in lactic acid production - a review. <i>Food Research International</i> , 2018, 107, 763-770.	6.2	135
13	Phenolic acids and flavonoids of peanut by-products: Antioxidant capacity and antimicrobial effects. <i>Food Chemistry</i> , 2017, 237, 538-544.	8.2	132
14	Deoxynivalenol and its masked forms: Characteristics, incidence, control and fate during wheat and wheat based products processing - A review. <i>Trends in Food Science and Technology</i> , 2018, 71, 13-24.	15.1	124
15	Manufacture of probiotic Minas Frescal cheese with <i>Lactobacillus casei</i> Zhang. <i>Journal of Dairy Science</i> , 2016, 99, 18-30.	3.4	123
16	Ultraviolet radiation: An interesting technology to preserve quality and safety of milk and dairy foods. <i>Trends in Food Science and Technology</i> , 2020, 102, 146-154.	15.1	121
17	Physicochemical changes and microbial inactivation after high-intensity ultrasound processing of prebiotic whey beverage applying different ultrasonic power levels. <i>Ultrasonics Sonochemistry</i> , 2018, 44, 251-260.	8.2	119
18	Guarana seed extracts as a useful strategy to extend the shelf life of pork patties: UHPLC-ESI/QTOF phenolic profile and impact on microbial inactivation, lipid and protein oxidation and antioxidant capacity. <i>Food Research International</i> , 2018, 114, 55-63.	6.2	118

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19	Quality parameters of probiotic yogurt added to glucose oxidase compared to commercial products through microbiological, physical, chemical and metabolic activity analyses. <i>Food Research International</i> , 2015, 77, 627-635.	6.2	114
20	Small Brazilian wild fruits: Nutrients, bioactive compounds, health-promotion properties and commercial interest. <i>Food Research International</i> , 2018, 103, 345-360.	6.2	114
21	Probiotics in Goat Milk Products: Delivery Capacity and Ability to Improve Sensory Attributes. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 867-882.	11.7	114
22	Prevalence and concentration of ochratoxin A, zearalenone, deoxynivalenol and total aflatoxin in cereal-based products: A systematic review and meta-analysis. <i>Food and Chemical Toxicology</i> , 2018, 118, 830-848.	3.6	110
23	Mycotoxins in cereal-based products during 24 years (1983–2017): A global systematic review. <i>Trends in Food Science and Technology</i> , 2019, 91, 95-105.	15.1	110
24	Growth potential of <i>Salmonella</i> spp. and <i>Listeria monocytogenes</i> in nine types of ready-to-eat vegetables stored at variable temperature conditions during shelf-life. <i>International Journal of Food Microbiology</i> , 2012, 157, 52-58.	4.7	109
25	Modeling the growth rate and lag time of different strains of <i>Salmonella enterica</i> and <i>Listeria monocytogenes</i> in ready-to-eat lettuce. <i>Food Microbiology</i> , 2012, 30, 267-273.	4.2	104
26	Impact of unit operations during processing of cereal-based products on the levels of deoxynivalenol, total aflatoxin, ochratoxin A, and zearalenone: A systematic review and meta-analysis. <i>Food Chemistry</i> , 2018, 268, 611-624.	8.2	104
27	Impact of probiotics and prebiotics on food texture. <i>Current Opinion in Food Science</i> , 2020, 33, 38-44.	8.0	104
28	Berry polyphenols and human health: evidence of antioxidant, anti-inflammatory, microbiota modulation, and cell-protecting effects. <i>Current Opinion in Food Science</i> , 2021, 42, 167-186.	8.0	103
29	Co-occurrence of aflatoxins and ochratoxin A in dried fruits in Iran: Dietary exposure risk assessment. <i>Food and Chemical Toxicology</i> , 2017, 106, 202-208.	3.6	99
30	Food Safety Systems in a Small Dairy Factory: Implementation, Major Challenges, and Assessment of Systems' Performances. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 6-12.	1.8	98
31	Influence of pitanga leaf extracts on lipid and protein oxidation of pork burger during shelf-life. <i>Food Research International</i> , 2018, 114, 47-54.	6.2	98
32	Manure-borne pathogens as an important source of water contamination: An update on the dynamics of pathogen survival/transport as well as practical risk mitigation strategies. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 227, 113524.	4.3	96
33	Effects of ultrasound energy density on the non-thermal pasteurization of chocolate milk beverage. <i>Ultrasonics Sonochemistry</i> , 2018, 42, 1-10.	8.2	95
34	Removal of aflatoxin B1 by roasting with lemon juice and/or citric acid in contaminated pistachio nuts. <i>Food Control</i> , 2017, 71, 279-284.	5.5	94
35	Recent advances in the application of pulsed light processing for improving food safety and increasing shelf life. <i>Trends in Food Science and Technology</i> , 2019, 88, 67-79.	15.1	93
36	Prevalence, populations and pheno- and genotypic characteristics of <i>Listeria monocytogenes</i> isolated from ready-to-eat vegetables marketed in São Paulo, Brazil. <i>International Journal of Food Microbiology</i> , 2012, 155, 1-9.	4.7	92

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37	Hypertension parameters are attenuated by the continuous consumption of probiotic Minas cheese. <i>Food Research International</i> , 2015, 76, 611-617.	6.2	89
38	The impact of fermentation processes on the production, retention and bioavailability of carotenoids: An overview. <i>Trends in Food Science and Technology</i> , 2020, 99, 389-401.	15.1	86
39	Large-scale mapping of microbial diversity in artisanal Brazilian cheeses. <i>Food Microbiology</i> , 2019, 80, 40-49.	4.2	83
40	Plant-based milk substitutes as emerging probiotic carriers. <i>Current Opinion in Food Science</i> , 2021, 38, 8-20.	8.0	80
41	Assessing the costs involved in the implementation of GMP and HACCP in a small dairy factory. <i>Quality Assurance and Safety of Crops and Foods</i> , 2014, 6, 135-139.	3.4	76
42	Characterization of the intestinal microbiota and its interaction with probiotics and health impacts. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4175-4199.	3.6	76
43	Assessing the use of different chemometric techniques to discriminate low-fat and full-fat yogurts. <i>LWT - Food Science and Technology</i> , 2013, 50, 210-214.	5.2	74
44	Recent advances on the application of UV-LED technology for microbial inactivation: Progress and mechanism. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 3501-3527.	11.7	74
45	Combining reformulation, active packaging and non-thermal post-packaging decontamination technologies to increase the microbiological quality and safety of cooked ready-to-eat meat products. <i>Trends in Food Science and Technology</i> , 2018, 72, 45-61.	15.1	73
46	Influence of production on the presence of patulin and ochratoxin A in fruit juices and wines of Argentina. <i>LWT - Food Science and Technology</i> , 2017, 80, 200-207.	5.2	72
47	Starch nanoparticles: production methods, structure, and properties for food applications. <i>Current Opinion in Food Science</i> , 2020, 33, 136-140.	8.0	71
48	On the implementation of good manufacturing practices in a small processing unity of mozzarella cheese in Brazil. <i>Food Control</i> , 2012, 24, 199-205.	5.5	70
49	The occurrence of mycotoxins in breast milk, fruit products and cereal-based infant formula: A review. <i>Trends in Food Science and Technology</i> , 2019, 92, 81-93.	15.1	70
50	Selection of indigenous lactic acid bacteria presenting anti-listerial activity, and their role in reducing the maturation period and assuring the safety of traditional Brazilian cheeses. <i>Food Microbiology</i> , 2018, 73, 288-297.	4.2	68
51	Main characteristics of peanut skin and its role for the preservation of meat products. <i>Trends in Food Science and Technology</i> , 2018, 77, 1-10.	15.1	68
52	Chemical study, antioxidant, anti-hypertensive, and cytotoxic/cytoprotective activities of <i>Centaurea cyanus</i> L. petals aqueous extract. <i>Food and Chemical Toxicology</i> , 2018, 118, 439-453.	3.6	68
53	The resistance of <i>Bacillus</i> , <i>Bifidobacterium</i> , and <i>Lactobacillus</i> strains with claimed probiotic properties in different food matrices exposed to simulated gastrointestinal tract conditions. <i>Food Research International</i> , 2019, 125, 108542.	6.2	68
54	Impact and significance of microbial contamination during fermentation for bioethanol production. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 423-434.	16.4	65

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55	Application of new technologies in decontamination of mycotoxins in cereal grains: Challenges, and perspectives. <i>Food and Chemical Toxicology</i> , 2021, 148, 111976.	3.6	65
56	Ultrasound stabilization of raw milk: Microbial and enzymatic inactivation, physicochemical properties and kinetic stability. <i>Ultrasonics Sonochemistry</i> , 2020, 67, 105185.	8.2	64
57	Brazilian Artisanal Cheeses: An Overview of their Characteristics, Main Types and Regulatory Aspects. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 1636-1657.	11.7	63
58	Postbiotics “ when simplification fails to clarify. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 825-826.	17.8	63
59	Antioxidant activity and bioaccessibility of phenolic compounds in white, red, blue, purple, yellow and orange edible flowers through a simulated intestinal barrier. <i>Food Research International</i> , 2020, 131, 109046.	6.2	61
60	Heat resistance and the effects of continuous pasteurization on the inactivation of <i>Byssoschlamys fulva</i> ascospores in clarified apple juice. <i>Journal of Applied Microbiology</i> , 2009, 107, 197-209.	3.1	58
61	Optimized <i>Camellia sinensis</i> var. <i>sinensis</i> , <i>Ilex paraguariensis</i> , and <i>Aspalathus linearis</i> blend presents high antioxidant and antiproliferative activities in a beverage model. <i>Food Chemistry</i> , 2018, 254, 348-358.	8.2	58
62	Survival analysis methodology to predict the shelf-life of probiotic flavored yogurt. <i>Food Research International</i> , 2010, 43, 1444-1448.	6.2	57
63	Meta-analysis of the Effects of Sanitizing Treatments on <i>Salmonella</i> , <i>Escherichia coli</i> O157:H7, and <i>Listeria monocytogenes</i> Inactivation in Fresh Produce. <i>Applied and Environmental Microbiology</i> , 2015, 81, 8008-8021.	3.1	57
64	Prevalence and counts of <i>Salmonella</i> spp. in minimally processed vegetables in São Paulo, Brazil. <i>Food Microbiology</i> , 2011, 28, 1235-1237.	4.2	56
65	Camu-camu seed (<i>Myrciaria dubia</i>) “ From side stream to an antioxidant, antihyperglycemic, antiproliferative, antimicrobial, antihemolytic, anti-inflammatory, and antihypertensive ingredient. <i>Food Chemistry</i> , 2020, 310, 125909.	8.2	56
66	Foamy polystyrene trays for fresh-meat packaging: Life-cycle inventory data collection and environmental impact assessment. <i>Food Research International</i> , 2015, 76, 418-426.	6.2	55
67	Electron beam irradiation to reduce the mycotoxin and microbial contaminations of cereal-based products: An overview. <i>Food and Chemical Toxicology</i> , 2020, 143, 111557.	3.6	54
68	Risk of infection with <i>Salmonella</i> and <i>Listeria monocytogenes</i> due to consumption of ready-to-eat leafy vegetables in Brazil. <i>Food Control</i> , 2014, 42, 1-8.	5.5	51
69	Hazards of a “healthy” trend? An appraisal of the risks of raw milk consumption and the potential of novel treatment technologies to serve as alternatives to pasteurization. <i>Trends in Food Science and Technology</i> , 2018, 82, 148-166.	15.1	51
70	Influence of package, type of apple juice and temperature on the production of patulin by <i>Byssoschlamys nivea</i> and <i>Byssoschlamys fulva</i> . <i>International Journal of Food Microbiology</i> , 2010, 142, 156-163.	4.7	49
71	Predicting adhesion and biofilm formation boundaries on stainless steel surfaces by five <i>Salmonella enterica</i> strains belonging to different serovars as a function of pH, temperature and NaCl concentration. <i>International Journal of Food Microbiology</i> , 2018, 281, 90-100.	4.7	49
72	The role of phenolic compounds against <i>Listeria monocytogenes</i> in food. A review. <i>Trends in Food Science and Technology</i> , 2021, 110, 385-392.	15.1	49

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73	Processed cheese contamination by spore-forming bacteria: A review of sources, routes, fate during processing and control. <i>Trends in Food Science and Technology</i> , 2016, 57, 11-19.	15.1	47
74	Whey-grape juice drink processed by supercritical carbon dioxide technology: Physical properties and sensory acceptance. <i>LWT - Food Science and Technology</i> , 2018, 92, 80-86.	5.2	47
75	Assessment of antioxidant activity, lipid profile, general biochemical and immune system responses of Wistar rats fed with dairy dessert containing <i>Lactobacillus acidophilus</i> La-5. <i>Food Research International</i> , 2016, 90, 275-280.	6.2	46
76	The biodiversity of <i>Aspergillus</i> section <i>Flavi</i> and aflatoxins in the Brazilian peanut production chain. <i>Food Research International</i> , 2017, 94, 101-107.	6.2	46
77	Modelling <i>Bacillus cereus</i> adhesion on stainless steel surface as affected by temperature, pH and time. <i>International Dairy Journal</i> , 2014, 34, 153-158.	3.0	45
78	Brazilian cheeses: A survey covering physicochemical characteristics, mineral content, fatty acid profile and volatile compounds. <i>Food Research International</i> , 2018, 108, 18-26.	6.2	45
79	Occurrence, distribution and contamination levels of heat-resistant moulds throughout the processing of pasteurized high-acid fruit products. <i>International Journal of Food Microbiology</i> , 2018, 281, 72-81.	4.7	45
80	Blown pack spoilage in vacuum-packaged meat: A review on clostridia as causative agents, sources, detection methods, contributing factors and mitigation strategies. <i>Trends in Food Science and Technology</i> , 2016, 52, 123-138.	15.1	44
81	Microbiological quality and safety of minimally processed vegetables marketed in Campinas, SP "Brazil, as assessed by traditional and alternative methods. <i>Food Control</i> , 2012, 28, 258-264.	5.5	43
82	Kinetics of aflatoxin degradation during peanut roasting. <i>Food Research International</i> , 2017, 97, 178-183.	6.2	42
83	From grape to wine: Fate of ochratoxin A during red, rose, and white winemaking process and the presence of ochratoxin derivatives in the final products. <i>Food Control</i> , 2020, 113, 107167.	5.5	42
84	Prerequisite Programs at Schools: Diagnosis and Economic Evaluation. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 213-220.	1.8	41
85	Changes in masked forms of deoxynivalenol and their co-occurrence with culmorin in cereal-based products: A systematic review and meta-analysis. <i>Food Chemistry</i> , 2019, 294, 587-596.	8.2	41
86	Predictive model for inactivation of salmonella in infant formula during microwave heating processing. <i>Food Control</i> , 2019, 104, 308-312.	5.5	41
87	<i>Clitoria ternatea</i> L. petal bioactive compounds display antioxidant, antihemolytic and antihypertensive effects, inhibit α -amylase and α -glucosidase activities and reduce human LDL cholesterol and DNA induced oxidation. <i>Food Research International</i> , 2020, 128, 108763.	6.2	41
88	Quantitative assessment of the impact of cross-contamination during the washing step of ready-to-eat leafy greens on the risk of illness caused by <i>Salmonella</i> . <i>Food Research International</i> , 2017, 92, 106-112.	6.2	40
89	Probiotic Prato cheese attenuates cigarette smoke-induced injuries in mice. <i>Food Research International</i> , 2019, 123, 697-703.	6.2	40
90	Brazilian artisanal cheeses are rich and diverse sources of nonstarter lactic acid bacteria regarding technological, biopreservative, and safety properties"Insights through multivariate analysis. <i>Journal of Dairy Science</i> , 2020, 103, 7908-7926.	3.4	40

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91	Influence of Different Filling, Cooling, and Storage Conditions on the Growth of <i>Alicyclobacillus acidoterrestris</i> CRA7152 in Orange Juice. <i>Applied and Environmental Microbiology</i> , 2009, 75, 7409-7416.	3.1	39
92	Consumption, knowledge, and food safety practices of Brazilian seafood consumers. <i>Food Research International</i> , 2020, 132, 109084.	6.2	39
93	Amplicon sequencing reveals the bacterial diversity in milk, dairy premises and Serra da Canastra artisanal cheeses produced by three different farms. <i>Food Microbiology</i> , 2020, 89, 103453.	4.2	38
94	Incidence, populations and diversity of fungi from raw materials, final products and air of processing environment of multigrain whole meal bread. <i>Food Research International</i> , 2016, 87, 103-108.	6.2	37
95	An overview of microorganisms and factors contributing for the microbial stability of carbonated soft drinks. <i>Food Research International</i> , 2016, 82, 136-144.	6.2	37
96	Growth potential of <i>Listeria monocytogenes</i> in probiotic cottage cheese formulations with reduced sodium content. <i>Food Research International</i> , 2016, 81, 180-187.	6.2	36
97	Fermentation of sarshir (kaymak) by lactic acid bacteria: antibacterial activity, antioxidant properties, lipid and protein oxidation and fatty acid profile. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4595-4603.	3.5	36
98	Non-thermal microbial inactivation by using supercritical carbon dioxide: Synergic effect of process parameters. <i>Journal of Supercritical Fluids</i> , 2018, 139, 97-104.	3.2	35
99	Microalgae in the meat processing chain: feed for animal production or source of techno-functional ingredients. <i>Current Opinion in Food Science</i> , 2021, 37, 125-134.	8.0	35
100	Ohmic heating as a method of obtaining paraprobiotics: Impacts on cell structure and viability by flow cytometry. <i>Food Research International</i> , 2021, 140, 110061.	6.2	35
101	Quantitative risk assessment of <i>Listeria monocytogenes</i> in traditional Minas cheeses: The cases of artisanal semi-hard and fresh soft cheeses. <i>Food Control</i> , 2018, 92, 370-379.	5.5	34
102	The prevalence and concentration of aflatoxin M1 among different types of cheeses: A global systematic review, meta-analysis, and meta-regression. <i>Food Control</i> , 2021, 125, 107960.	5.5	34
103	Involvement of <i>Clostridium gasigenes</i> and <i>C. algidicarnis</i> in 'blown pack' spoilage of Brazilian vacuum-packed beef. <i>International Journal of Food Microbiology</i> , 2011, 148, 156-63.	4.7	33
104	Assessment of the inhibitory effect of free and encapsulated commercial nisin (Nisaplin®), tested alone and in combination, on <i>Listeria monocytogenes</i> and <i>Bacillus cereus</i> in refrigerated milk. <i>LWT - Food Science and Technology</i> , 2016, 68, 67-75.	5.2	33
105	The future of functional food: Emerging technologies application on prebiotics, probiotics and postbiotics. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 2560-2586.	11.7	33
106	Antimicrobial photodynamic treatment (aPDT) as an innovative technology to control spoilage and pathogenic microorganisms in agri-food products: An updated review. <i>Food Control</i> , 2022, 132, 108527.	5.5	32
107	Response surface optimization of phenolic compounds from jabuticaba (<i>Myrciaria cauliflora</i> [Mart.] Tj ETQq1 1 0.784314 rgBT /Over assessments. <i>Food and Chemical Toxicology</i> , 2020, 142, 111439.	3.6	32
108	Modelling the growth of <i>Listeria monocytogenes</i> in fresh green coconut (<i>Cocos nucifera</i> L.) water. <i>Food Microbiology</i> , 2009, 26, 653-657.	4.2	31

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109	Probiotic Bacillus : Fate during sausage processing and storage and influence of different culturing conditions on recovery of their spores. Food Research International, 2017, 95, 46-51.	6.2	31
110	Probiotic Prato cheese consumption attenuates development of renal calculi in animal model of urolithiasis. Journal of Functional Foods, 2018, 49, 378-383.	3.4	31
111	Transcriptome sequencing reveals genes and adaptation pathways in Salmonella Typhimurium inoculated in four low water activity foods. Food Microbiology, 2019, 82, 426-435.	4.2	31
112	Assessing the effect of washing practices employed in Brazilian processing plants on the quality of ready-to-eat vegetables. LWT - Food Science and Technology, 2016, 69, 474-481.	5.2	30
113	Thermal inactivation kinetics of Paenibacillus sanguinis 2301083PRC and Clostridium sporogenes JCM1416MGA in full and low fat cream cheese. Food Control, 2018, 84, 395-402.	5.5	29
114	Antioxidants-rich ice cream containing herbal extracts and fructooligosaccharides: manufacture, functional and sensory properties. Food Chemistry, 2019, 298, 125098.	8.2	29
115	Biopreservation and probiotic potential of a large set of lactic acid bacteria isolated from Brazilian artisanal cheeses: From screening to in product approach. Microbiological Research, 2021, 242, 126622.	5.3	29
116	Physical hazards in dairy products: Incidence in a consumer complaint website in Brazil. Food Control, 2018, 86, 66-70.	5.5	28
117	Solid lipid microparticles loaded with cinnamon oleoresin: Characterization, stability and antimicrobial activity. Food Research International, 2018, 113, 351-361.	6.2	28
118	Paraprobiotic obtained by ohmic heating added in whey-grape juice drink is effective to control postprandial glycemia in healthy adults. Food Research International, 2021, 140, 109905.	6.2	28
119	Current applications of high-intensity ultrasound with microbial inactivation or stimulation purposes in dairy products. Current Opinion in Food Science, 2021, 42, 140-147.	8.0	28
120	On the behavior of Listeria innocua and Lactobacillus acidophilus co-inoculated in a dairy dessert and the potential impacts on food safety and product's functionality. Food Control, 2013, 34, 331-335.	5.5	27
121	Diversity and fate of spore forming bacteria in cocoa powder, milk powder, starch and sugar during processing: A review. Trends in Food Science and Technology, 2018, 76, 101-118.	15.1	27
122	From the Field to the Pot: Phytochemical and Functional Analyses of Calendula officinalis L. Flower for Incorporation in an Organic Yogurt. Antioxidants, 2019, 8, 559.	5.1	27
123	Use of a multivariate approach to assess the incidence of Alicyclobacillus spp. in concentrate fruit juices marketed in Argentina: Results of a 14-year survey. International Journal of Food Microbiology, 2011, 151, 229-234.	4.7	26
124	Toxicological and bioactivity evaluation of blackcurrant press cake, sea buckthorn leaves and bark from Scots pine and Norway spruce extracts under a green integrated approach. Food and Chemical Toxicology, 2021, 153, 112284.	3.6	26
125	Gas-producing and spoilage potential of Enterobacteriaceae and lactic acid bacteria isolated from chilled vacuum-packaged beef. International Journal of Food Science and Technology, 2012, 47, 1750-1756.	2.7	25
126	Growth Potential of Salmonella and Listeria monocytogenes in Ready-to-Eat Lettuce and Collard Greens Packaged under Modified Atmosphere and in Perforated Film. Journal of Food Protection, 2013, 76, 888-891.	1.7	25

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127	Microbial interactions during sugar cane must fermentation for bioethanol production: does quorum sensing play a role?. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 231-244.	9.0	25
128	A comparison of dynamic tertiary and competition models for describing the fate of <i>Listeria monocytogenes</i> in Minas fresh cheese during refrigerated storage. <i>Food Microbiology</i> , 2019, 79, 48-60.	4.2	25
129	Flavorings as new sources of contamination by deteriorogenic <i>Alicyclobacillus</i> of fruit juices and beverages. <i>International Journal of Food Microbiology</i> , 2014, 172, 119-124.	4.7	24
130	Nuclear magnetic resonance as an analytical tool for monitoring the quality and authenticity of dairy foods. <i>Trends in Food Science and Technology</i> , 2021, 108, 84-91.	15.1	24
131	A review of recent advances in the decontamination of mycotoxin and inactivation of fungi by ultrasound. <i>Ultrasonics Sonochemistry</i> , 2021, 79, 105755.	8.2	24
132	Influence of the hot-fill water-spray-cooling process after continuous pasteurization on the number of decimal reductions and on <i>Alicyclobacillus acidoterrestris</i> CRA 7152 growth in orange juice stored at 35°C. <i>International Journal of Food Microbiology</i> , 2010, 137, 295-298.	4.7	23
133	Evaluation of a cross contamination model describing transfer of <i>Salmonella</i> spp. and <i>Listeria monocytogenes</i> during grinding of pork and beef. <i>International Journal of Food Microbiology</i> , 2016, 226, 42-52.	4.7	23
134	Essential Oil Composition and Antioxidant Capacity of <i>Carum copticum</i> and its Antibacterial Effect on <i>Staphylococcus aureus</i> , <i>Enterococcus faecalis</i> and <i>Escherichia coli</i> O157:H7. <i>Journal of Food Processing and Preservation</i> , 2017, 41, e12938.	2.0	23
135	Brazilian green propolis extracts obtained by conventional processes and by processes at high pressure with supercritical carbon dioxide, ethanol and water. <i>Journal of Supercritical Fluids</i> , 2017, 130, 189-197.	3.2	22
136	Behavior of different <i>Bacillus</i> strains with claimed probiotic properties throughout processed cheese (cremoso) manufacturing and storage. <i>International Journal of Food Microbiology</i> , 2019, 307, 108288.	4.7	22
137	Effect of temperature on inactivation kinetics of three strains of <i>Penicillium paneum</i> and <i>P. roqueforti</i> during bread baking. <i>Food Control</i> , 2019, 96, 456-462.	5.5	22
138	A comprehensive characterization of <i>Solanum lycocarpum</i> St. Hill and <i>Solanum oocarpum</i> Sendtn: Chemical composition and antioxidant properties. <i>Food Research International</i> , 2019, 124, 61-69.	6.2	22
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141	Fungi in cake production chain: Occurrence and evaluation of growth potential in different cake formulations during storage. <i>Food Research International</i> , 2018, 106, 141-148.	6.2	21
142	A quantitative study on growth variability and production of ochratoxin A and its derivatives by <i>A. carbonarius</i> and <i>A. niger</i> in grape-based medium. <i>Scientific Reports</i> , 2018, 8, 14573.	3.3	20
143	Encapsulation of camu-camu extracts using prebiotic biopolymers: Controlled release of bioactive compounds and effect on their physicochemical and thermal properties. <i>Food Research International</i> , 2020, 137, 109563.	6.2	20
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146	Ethnopharmacology, phytochemistry and biological activity of <i>Erodium</i> species: A review. <i>Food Research International</i> , 2019, 126, 108659.	6.2	19
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151	<i>Campylobacter</i> : An overview of cases, occurrence in food, contamination sources, and antimicrobial resistance in Brazil. <i>Food Reviews International</i> , 2018, 34, 364-389.	8.4	18
152	Nutritional, chemical, syneresis, sensory properties, and shelf life of Iranian traditional yoghurts during storage. <i>LWT - Food Science and Technology</i> , 2019, 114, 108417.	5.2	18
153	Occurrence and enumeration of rope-producing spore forming bacteria in flour and their spoilage potential in different bread formulations. <i>LWT - Food Science and Technology</i> , 2020, 133, 110108.	5.2	18
154	Inactivation kinetics of <i>Listeria monocytogenes</i> in whey dairy beverage processed with ohmic heating. <i>LWT - Food Science and Technology</i> , 2020, 127, 109420.	5.2	18
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157	Microbiota of eggs revealed by 16S rRNA-based sequencing: From raw materials produced by different suppliers to chilled pasteurized liquid products. <i>Food Control</i> , 2019, 96, 194-204.	5.5	17
158	Conventional and ohmic heating pasteurization of fresh and thawed sheep milk: Energy consumption and assessment of bacterial microbiota during refrigerated storage. <i>Innovative Food Science and Emerging Technologies</i> , 2022, 76, 102947.	5.6	17
159	High Incidence of Enterotoxin D Producing <i>Staphylococcus</i> spp. in Brazilian Cow's Raw Milk and Its Relation with Coagulase and Thermonuclease Enzymes. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 159-163.	1.8	16
160	1H NMR combined with chemometrics tools for rapid characterization of edible oils and their biological properties. <i>Industrial Crops and Products</i> , 2018, 116, 191-200.	5.2	16
161	Survival variability of 12 strains of <i>Bacillus cereus</i> yielded to spray drying of whole milk. <i>International Journal of Food Microbiology</i> , 2018, 286, 80-89.	4.7	16
162	Use of predictive modelling as tool for prevention of fungal spoilage at different points of the food chain. <i>Current Opinion in Food Science</i> , 2021, 41, 1-7.	8.0	16

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173	Evaluation of fruta-do-lobo (<i>Solanum lycocarpum</i> St. Hill) starch on the growth of probiotic strains. <i>Food Research International</i> , 2020, 133, 109187.	6.2	14
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176	Behavior and Enterotoxin Production by Coagulase Negative <i>Staphylococcus</i> in Cooked Ham, Reconstituted Skimmed Milk, and Confectionery Cream. <i>Journal of Food Science</i> , 2010, 75, M475-81.	3.1	13
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178	Inter- and intra-species variability in heat resistance and the effect of heat treatment intensity on subsequent growth of <i>Byssoschlamys fulva</i> and <i>Byssoschlamys nivea</i> . <i>International Journal of Food Microbiology</i> , 2018, 279, 80-87.	4.7	13
179	Flaxleaf Fleabane Leaves (<i>Conyza bonariensis</i>), A New Functional Nonconventional Edible Plant?. <i>Journal of Food Science</i> , 2019, 84, 3473-3482.	3.1	13
180	Orange Juice and Yogurt Carrying Probiotic <i>Bacillus coagulans</i> GBI-30 6086: Impact of Intake on Wistar Male Rats Health Parameters and Gut Bacterial Diversity. <i>Frontiers in Microbiology</i> , 2021, 12, 623951.	3.5	13

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182	Survival and growth behaviour of <i>Listeria monocytogenes</i> in ready-to-eat vegetable salads. <i>Food Control</i> , 2022, 138, 109023.	5.5	13
183	Inactivation kinetics of <i>Bacillus cereus</i> and <i>Geobacillus stearothermophilus</i> spores through roasting of cocoa beans and nibs. <i>LWT - Food Science and Technology</i> , 2019, 111, 394-400.	5.2	12
184	Wheat-durum pasta added of inactivated <i>Bifidobacterium animalis</i> decreases glucose and total cholesterol levels and modulates gut microbiota in healthy rats. <i>International Journal of Food Sciences and Nutrition</i> , 2021, 72, 781-793.	2.8	12
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190	Sporeforming bacteria in beer: Occurrence, diversity, presence of hop resistance genes and fate in alcohol-free and lager beers. <i>Food Control</i> , 2017, 81, 126-136.	5.5	11
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193	Response surface optimization of phenolic compounds extraction from camu-camu (<i>Myrciaria</i>) Tj ETQq1 1 0.784314 rgBT /Overl 2358-2367.	3.1	11
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195	Commercialization Conditions and Practices Influence the Microbiological Quality of Mineral Waters. <i>Journal of Food Protection</i> , 2008, 71, 1253-1257.	1.7	10
196	Mechanisms of Microbial Inactivation by Emerging Technologies. , 2018, , 111-132.		10
197	Impact of partial and total replacement of milk by water-soluble soybean extract on fermentation and growth parameters of kefir microorganisms. <i>LWT - Food Science and Technology</i> , 2018, 93, 491-498.	5.2	10
198	The fate of <i>Bacillus cereus</i> and <i>Geobacillus stearothermophilus</i> during alkalization of cocoa as affected by alkali concentration and use of pre-roasted nibs. <i>Food Microbiology</i> , 2019, 82, 99-106.	4.2	10

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200	Personality traits and food consumption: an overview of recent research. <i>Current Opinion in Food Science</i> , 2020, 33, 91-97.	8.0	10
201	Quantitative microbial spoilage risk assessment (QMSRA) of pasteurized strawberry purees by <i>Aspergillus fischeri</i> (teleomorph <i>Neosartorya fischeri</i>). <i>International Journal of Food Microbiology</i> , 2020, 333, 108781.	4.7	10
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205	Raw milk processing by high-intensity ultrasound and conventional heat treatments: Microbial profile by amplicon sequencing and physical stability during storage. <i>International Journal of Dairy Technology</i> , 2022, 75, 115-128.	2.8	10
206	Hearts of palms preserves and botulism in Brazil: An overview of outbreaks, causes and risk management strategies. <i>Trends in Food Science and Technology</i> , 2013, 34, 80-95.	15.1	9
207	Characterization of novel small RNAs (sRNAs) contributing to the desiccation response of <i>Salmonella enterica</i> serovar Typhimurium. <i>RNA Biology</i> , 2019, 16, 1643-1657.	3.1	9
208	Pathogen subtyping tools for risk assessment and management of produce-borne outbreaks. <i>Current Opinion in Food Science</i> , 2020, 32, 83-89.	8.0	9
209	Quantitative microbiological risk assessment in dairy products: Concepts and applications. <i>Trends in Food Science and Technology</i> , 2021, 111, 610-616.	15.1	9
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214	Effect of chlorine stress on the subsequent growth behavior of individual <i>Salmonella</i> cells. <i>Food Research International</i> , 2019, 123, 311-316.	6.2	8
215	The application of growth-no growth models to directly assess the stability of wholemeal multigrain bread towards <i>Penicillium paneum</i> LMQA-002 and <i>Paecilomyces variotii</i> LMQA-001. <i>LWT - Food Science and Technology</i> , 2018, 97, 231-237.	5.2	7
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218	Effect of sugar concentration (°Brix) and storage temperature on the time to visible growth of individual ascospores of six heat-resistant moulds isolated from fruit products. <i>Food Control</i> , 2020, 108, 106880.	5.5	6
219	Black aspergilli in Brazilian onions: From field to market. <i>International Journal of Food Microbiology</i> , 2021, 337, 108958.	4.7	6
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226	Using extended Bigelow meta-regressions for modelling the effects of temperature, pH, °Brix on the inactivation of heat resistant moulds. <i>International Journal of Food Microbiology</i> , 2021, 338, 108985.	4.7	5
227	Impact of ripening on the health-promoting components from fruta-do-lobo (<i>Solanum lycocarpum</i> St.) Tj ETQq1 1 0,784314 ggBT /Over	6.2	5
228	Antibacterial films made with persimmon (<i>Diospyros kaki</i> L.), pectin, and glycerol: An experimental design approach. <i>Journal of Food Science</i> , 2021, 86, 4539-4553.	3.1	5
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231	Artisanal cachaça and brewer's spent grain as sources of yeasts with promising biotechnological properties. <i>Journal of Applied Microbiology</i> , 2018, 125, 409-421.	3.1	4
232	Foodomics and storage monitoring of three meat cuts by ¹ H NMR. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2018, 47A, .	0.5	4
233	Dynamics of <i>Geobacillus stearothermophilus</i> and <i>Bacillus cereus</i> spores inoculated in different time intervals during simulated cocoa beans fermentation. <i>LWT - Food Science and Technology</i> , 2020, 120, 108941.	5.2	4
234	Systematic review and meta-analysis: Applications in food science, challenges, and perspectives. <i>Food Research International</i> , 2020, 134, 109245.	6.2	4

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237	Growth/no-growth modeling to control the spoilage of chocolate cake by <i>Penicillium citrinum</i> LMQA_053: Impact of pH, water activity, temperature, and different concentrations of calcium propionate and potassium sorbate. <i>Food Control</i> , 2022, 139, 109064.	5.5	4
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241	Effect of storage temperature, water activity, oxygen headspace concentration and pasteurization intensity on the time to growth of <i>Aspergillus fischerianus</i> (teleomorph <i>Neosartorya fischeri</i>). <i>Food Microbiology</i> , 2020, 88, 103406.	4.2	3
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243	Modeling the inactivation of <i>Lactobacillus brevis</i> DSM 6235 and retaining the viability of brewing pitching yeast submitted to acid and chlorine washing. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4071-4080.	3.6	3
244	Growth potential of three strains of <i>Listeria monocytogenes</i> and <i>Salmonella enterica</i> in Frescal and semi-hard artisanal Minas microcheeses: Impact of the addition of lactic acid bacteria with antimicrobial activity. <i>LWT - Food Science and Technology</i> , 2022, 158, 113169.	5.2	3
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248	Large scale survey of yeasts in frozen concentrated orange juice (FCOJ): Occurrence, diversity, and resistance to peracetic acid. <i>International Journal of Food Microbiology</i> , 2022, 367, 109589.	4.7	2
249	Growth potential of <i>Salmonella enterica</i> in thirty-four different RTE vegetable salads during shelf-life. <i>International Journal of Food Science and Technology</i> , 2022, 57, 5036-5047.	2.7	2
250	Special issue on 9th International Conference on Predictive Modelling in Food (Rio de Janeiro, Brazil). <i>International Journal of Food Microbiology</i> , 2017, 240, 1-2.	4.7	1
251	Temperature variability during the commercialization of probiotic cheeses and other fresh cheeses in retail stores of two Brazilian regions. <i>LWT - Food Science and Technology</i> , 2020, 133, 110082.	5.2	1
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254	Inactivation kinetics of beer spoilage bacteria (<i>Lactobacillus brevis</i> , <i>Lactobacillus casei</i> , and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T</i>	4.2	1
255	Micronised roasted coffee from unripe fruits improves bioactive compounds and fibre contents in rice extruded breakfast cereals. <i>International Journal of Food Science and Technology</i> , 2021, 56, 5688-5697.	2.7	1
256	Editorial for SLACA. <i>LWT - Food Science and Technology</i> , 2017, 76, 197.	5.2	0
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258	<i>Solanum Lycocarpum</i> St. Hill. , 2021, , 115-123.		0
259	Thermobacteriology: principles and application for dairy foods. , 2022, , 69-89.		0
260	Cheese: Public Health Aspects. , 2022, , 101-111.		0