## Effect of PEF and heat pasteurization on the physical â ${\ensuremath{\mathbb C}}$ orange and carrot juice

LWT - Food Science and Technology 39, 1163-1170 DOI: 10.1016/j.lwt.2005.07.002

**Citation Report** 

#	Article	IF	CITATIONS
1	Impact of pulsed electric fields on food enzymes and shelf-life. , 2007, , 212-246.		1
2	Fatty acid profile changes during orange juice-milk beverage processing by high-pulsed electric field. European Journal of Lipid Science and Technology, 2007, 109, 25-31.	1.0	44
3	Effects of pulsed electric fields on water-soluble vitamins and ACE inhibitory peptides added to a mixed orange juice and milk beverage. Food Chemistry, 2007, 104, 1550-1559.	4.2	52
4	Selective extraction from carrot slices by pressing and washing enhanced by pulsed electric fields. Separation and Purification Technology, 2007, 58, 267-273.	3.9	78
5	Effect of refrigerated storage on ascorbic acid content of orange juice treated by pulsed electric fields and thermal pasteurization. European Food Research and Technology, 2008, 227, 629-635.	1.6	33
6	Inactivation of Oxidative Enzymes by High-Intensity Pulsed Electric Field for Retention of Color in Carrot Juice. Food and Bioprocess Technology, 2008, 1, 364-373.	2.6	76
7	Inactivation of <i>Escherichia coli</i> in a Tropical Fruit Smoothie by a Combination of Heat and Pulsed Electric Fields. Journal of Food Science, 2008, 73, M395-9.	1.5	51
8	Comparative Study of Pulsed Electric Field and Thermal Processing of Apple Juice with Particular Consideration of Juice Quality and Enzyme Deactivation. Journal of Agricultural and Food Chemistry, 2008, 56, 4545-4554.	2.4	94
9	Color of orange juice treated by High Intensity Pulsed Electric Fields during refrigerated storage and comparison with pasteurized juice. Food Control, 2008, 19, 151-158.	2.8	149
10	Pectins in Processed Fruit and Vegetables: Part l—Stability and Catalytic Activity of Pectinases. Comprehensive Reviews in Food Science and Food Safety, 2009, 8, 75-85.	5.9	106
11	Shelf life and sensory evaluation of orange juice after exposure to thermosonication and pulsed electric fields. Food and Bioproducts Processing, 2009, 87, 102-107.	1.8	112
12	Modeling within the Bayesian framework, the inactivation of pectinesterase in gazpacho by pulsed electric fields. Journal of Food Engineering, 2009, 95, 446-452.	2.7	9
13	Combined effect of temperature and pulsed electric fields on pectin methyl esterase inactivation in red grapefruit juice (Citrus paradisi). European Food Research and Technology, 2009, 228, 373-379.	1.6	36
14	Shelfâ€Life Study of an Orange Juice–Milk Based Beverage after PEF and Thermal Processing. Journal of Food Science, 2009, 74, S107-12.	1.5	44
15	Avoiding non-enzymatic browning by high-intensity pulsed electric fields in strawberry, tomato and watermelon juices. Journal of Food Engineering, 2009, 92, 37-43.	2.7	76
16	Temperature effect on the rheological behavior of carrot juices. Journal of Food Engineering, 2009, 92, 269-274.	2.7	71
17	Pulsed electric field treatment for bacteria reduction and its impact on hospital wastewater. Chemosphere, 2009, 75, 228-233.	4.2	116
18	Changes in quality attributes throughout storage of strawberry juice processed by high-intensity pulsed electric fields or heat treatments. LWT - Food Science and Technology, 2009, 42, 813-818.	2.5	79

TATION REDO

#	Article	IF	Citations
19	Effect of Pulsed Electric Fields on Physical, Chemical, and Microbiological Properties of Formulated Carrot Juice. Food Science and Technology International, 2009, 15, 275-282.	1.1	31
20	THERMAL AND NONTHERMAL PROCESSING OF APPLE CIDER: STORAGE QUALITY UNDER EQUIVALENT PROCESS CONDITIONS. Journal of Food Quality, 2010, 33, 612-631.	1.4	25
21	Effects of pulsed electric field processing on the quality and microbial inactivation of sour cherry juice. International Journal of Food Science and Technology, 2010, 45, 899-905.	1.3	54
22	High hydrostatic pressure processing of fruit juices and smoothies: research and commercial application. , 2010, , 34-72.		6
23	Color and viscosity of watermelon juice treated by high-intensity pulsed electric fields or heat. Innovative Food Science and Emerging Technologies, 2010, 11, 299-305.	2.7	65
24	Shelf life and sensory attributes of a fruit smoothie-type beverage processed with moderate heat and pulsed electric fields. LWT - Food Science and Technology, 2010, 43, 1067-1073.	2.5	70
25	Microbial and enzymatic stability of fruit juice-milk beverages treated by high intensity pulsed electric fields or heat during refrigerated storage. Food Control, 2011, 22, 1639-1646.	2.8	45
26	Comparing equivalent thermal, high pressure and pulsed electric field processes for mild pasteurization of orange juice. Innovative Food Science and Emerging Technologies, 2011, 12, 466-477.	2.7	128
27	Carotenoid and flavanone content during refrigerated storage of orange juice processed by high-pressure, pulsed electric fields and low pasteurization. LWT - Food Science and Technology, 2011, 44, 834-839.	2.5	127
30	Optimisation of electroplasmolysis application for increased juice yield in carrot juice production. International Journal of Food Science and Technology, 2011, 46, 781-786.	1.3	9
31	PROCESSING OF PEACH NECTAR BY PULSED ELECTRIC FIELDS WITH RESPECT TO PHYSICAL AND CHEMICAL PROPERTIES AND MICROBIAL INACTIVATION. Journal of Food Process Engineering, 2011, 34, 1506-1522.	1.5	20
32	Yield and Quality Effects of Electroplasmolysis and Microwave Applications on Carrot Juice Production and Storage. Journal of Food Science, 2011, 76, C598-605.	1.5	23
33	Milk Processed by Pulsed Electric Fields: Evaluation of Microbial Quality, Physicochemical Characteristics, and Selected Nutrients at Different Storage Conditions. Journal of Food Science, 2011, 76, S289-99.	1.5	46
34	Effect of acidification on quality and shelf-life of carrot juice. Canadian Journal of Plant Science, 2012, 92, 1113-1120.	0.3	12
35	The effect of pulsed electric fields, ultraviolet light or high intensity light pulses in combination with manothermosonication on selected physico-chemical and sensory attributes of an orange and carrot juice blend. Food and Bioproducts Processing, 2012, 90, 442-448.	1.8	102
37	Effect of Orange Juice's Processing on the Color, Particle Size, and Bioaccessibility of Carotenoids. Journal of Agricultural and Food Chemistry, 2012, 60, 1447-1455.	2.4	109
38	Pulsed Electric Field Processing of Fluid Foods. , 2012, , 63-108.		4
40	Efeito do tratamento térmico na concentração de carotenóides, compostos fenólicos, ácido ascórbico e capacidade antioxidante do suco de tangerina murcote. Brazilian Journal of Food Technology, 2012, 15, 198-207.	0.8	5

#	Article	IF	CITATIONS
41	Processing of Fruits and Fruit Juices by Novel Electrotechnologies. Food Engineering Reviews, 2012, 4, 68-87.	3.1	26
42	Microbiological shelf life and sensory evaluation of fruit juices treated by high-intensity pulsed electric fields and antimicrobials. Food and Bioproducts Processing, 2012, 90, 205-214.	1.8	76

Effects of thermal treatment and sonication on quality attributes of Chokanan mango (Mangifera) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50  $\frac{3.8}{207}$ 

45	Influence of acidification, pasteurization, centrifugation and storage time and temperature on watermelon juice quality. Journal of the Science of Food and Agriculture, 2013, 93, 3863-3869.	1.7	23
46	Pulsed Electric Field Processing of Orange Juice: A Review on Microbial, Enzymatic, Nutritional, and Sensory Quality and Stability. Comprehensive Reviews in Food Science and Food Safety, 2013, 12, 455-467.	5.9	163
47	Kinetics of Peroxidase Inactivation in Carrot Juice Treated with Pulsed Electric Fields. Journal of Food Science, 2013, 78, E222-8.	1.5	16
48	Apricot Nectar Processing by Pulsed Electric Fields. International Journal of Food Properties, 2013, 16, 216-227.	1.3	21
49	Comparative study of enzymes, phenolics, carotenoids and color of apricot nectars treated by high hydrostatic pressure and high temperature short time. Innovative Food Science and Emerging Technologies, 2013, 18, 74-82.	2.7	133
50	Inactivación Térmica de Pectinmetilesterasa en Tomate de Ãrbol (Solanum betaceum). Informacion Tecnologica (discontinued), 2013, 24, 41-50.	0.1	9
51	Effect of pulsed electric field treatment on polyphenol oxidase, total phenolic compounds, and microbial growth of apple juice. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2013, 37, 772-780.	0.8	24
52	An overview of emerging techniques in virgin olive oil extraction process: strategies in the development of innovative plants. Journal of Agricultural Engineering, 2013, 44, .	0.7	29
53	Microbes Associated with Freshly Prepared Juices of Citrus and Carrots. International Journal of Food Science, 2014, 2014, 1-7.	0.9	85
54	Overview of Pulsed Electric Fields ProcessingÂforÂFood. , 2014, , 93-114.		58
55	Influence of clarifying agents on the quality of pasteurised palmyra palm sap ( <i><scp>B</scp>orassus) Tj ETQq1 1175-1183.</i>	1 0.7843 1.3	14 rgBT /O 7
56	The influence of <i>Wickerhamomyces anomalus</i> killer yeast on the fermentation and chemical composition of apple wines. FEMS Yeast Research, 2014, 14, 729-740.	1.1	36
57	Optimization of Sample Preparation of Carrot-Fruit Juice for Determination of Antimony, Arsenic, and Selenium by Hydride Generation-Inductively Coupled Plasma Optical Emission Spectrometry. Analytical Letters, 2014, 47, 2104-2119.	1.0	13
58	Optimization of ohmic heating applications for pectin methylesterase inactivation in orange juice. Journal of Food Science and Technology, 2014, 51, 1817-1826.	1.4	49
59	Effects of Pulsed Electric Fields on Physicochemical Properties and Microbial Inactivation of Carrot Juice. Journal of Food Processing and Preservation, 2014, 38, 1556-1564.	0.9	16

	CITATION	N REPORT	
#	Article	IF	Citations
60	Nonthermal Food Processing Alternatives and Their Effects on Taste and Flavor Compounds of Beverages. Critical Reviews in Food Science and Nutrition, 2014, 54, 190-207.	5.4	42
61	Effects of PEF and heat pasteurization on PME activity in orange juice with regard to a new inactivation kinetic model. Food Chemistry, 2014, 165, 70-76.	4.2	40
62	Effect of Packaging on Quality and Flavor of Fresh-Cut Mint. , 2015, , .		0
63	Study of pulsed light inactivation and growth dynamics during storage of <1> <scp>E</scp> scherichia coli <scp>ATCC</scp> 35218, <i><scp>L</scp>isteria innocua </i> <scp>ATCC</scp> 33090, <i><scp>S</scp>almonella </i> <scp>E</scp> nteritidis <scp>MA</scp> 44 and <i><scp>S</scp>accharomyces cerevisiae </i> <scp>KE</scp> 162 and native flora in apple, orange and <i><scp>S</scp></i>	1.3	39
64	Microbial Safety and Shelf Life of UV  Treated Freshly Squeezed White Grape Juice. Journal of Food Science, 2015, 80, M1831-41.	1.5	54
65	Effect of pulsed electric field and pasteurisation treatments on the rheological properties of mango nectar (Mangifera indica). Croatian Journal of Food Science and Technology, 2015, 7, 22-33.	0.5	4
66	Alicyclobacillus spp.: New Insights on Ecology and Preserving Food Quality through New Approaches. Microorganisms, 2015, 3, 625-640.	1.6	27
67	Accelerated Drying and Improved Color Properties of Red Pepper by Pretreatment of Pulsed Electric Fields. Drying Technology, 2015, 33, 926-932.	1.7	78
68	Influence of pulsed electric field and heat treatment on Emblica officinalis juice inoculated with Zygosaccharomyces bailii. Food and Bioproducts Processing, 2015, 95, 146-154.	1.8	37
69	Production and characterization of low-calorie orange nectar containing stevioside. Journal of Food Science and Technology, 2015, 52, 6365-6374.	1.4	4
70	Processing of Red Wine by Pulsed Electric Fields with Respect to Quality Parameters. Journal of Food Processing and Preservation, 2015, 39, 758-767.	0.9	25
71	Investigating the Effects of Current and Wave Form of Electrical Pre-treatments on the Yield and Quality of Tomato Juice. International Journal of Food Engineering, 2015, 11, 527-532.	0.7	5
72	Kinetics of "Laba―garlic greening and its physiochemical properties treated by Dense Phase Carbon Dioxide. LWT - Food Science and Technology, 2015, 64, 775-780.	2.5	10
73	Studies on effect of irradiation on functional properties of two ready-to-drink appetizer beverages and their shelf lives. Nutrition and Food Science, 2015, 45, 388-399.	0.4	3
74	Effect of novel ultrasound based processing on the nutrition quality of different fruit and vegetable juices. Ultrasonics Sonochemistry, 2015, 27, 125-136.	3.8	142
75	Effect of UV-C irradiation and heat treatment on the shelf life stability of a lemon–melon juice blend: multivariate statistical approach. Innovative Food Science and Emerging Technologies, 2015, 29, 230-239.	2.7	82
76	Effects of Thermal and Non-thermal Processing on Phenolic Compounds, Antioxidant Activity and Sensory Attributes of Chokanan Mango (Mangifera indica L.) Juice. Food and Bioprocess Technology, 2015, 8, 2256-2267.	2.6	53
77	Comparing the effects of high hydrostatic pressure and high temperature short time on papaya beverage. Innovative Food Science and Emerging Technologies, 2015, 32, 16-28.	2.7	59

	CITATION REF	ORT	
#	Article	IF	Citations
78	Microorganisms and Some Quality of Red Grapefruit Juice Affected by High Pressure Processing and High Temperature Short Time. Food and Bioprocess Technology, 2015, 8, 2096-2108.	2.6	31
79	Identification of relevant physicochemical characteristics for predicting fruit juices filterability. Separation and Purification Technology, 2015, 141, 59-67.	3.9	25
80	Pulsed electric field (PEF)-induced aggregation between lysozyme, ovalbumin and ovotransferrin in multi-protein system. Food Chemistry, 2015, 175, 115-120.	4.2	41
81	Comparison of UV-C treatment and thermal pasteurization on quality of Chokanan mango (Mangifera) Tj ETQq1 1	0.78431 1.8	4 rgBT /Ove 191
82	Superiority of microwaves over conventional heating to preserve shelf-life and quality of kiwifruit puree. Food Control, 2015, 50, 620-629.	2.8	23
83	Effects of electrical pre-treatment and alternative heat treatment applications on orange juice production and storage. Food and Bioproducts Processing, 2015, 94, 443-452.	1.8	25
84	Study of the inactivation of spoilage microorganisms in apple juice by pulsed light and ultrasound. Food Microbiology, 2015, 46, 635-642.	2.1	140
85	Physico-chemical parameters, bioactive compounds and microbial quality of thermo-sonicated carrot juice during storage. Food Chemistry, 2015, 172, 650-656.	4.2	115
86	Quality-Related Enzymes in Plant-Based Products: Effects of Novel Food Processing Technologies Part 2: Pulsed Electric Field Processing. Critical Reviews in Food Science and Nutrition, 2015, 55, 1-15.	5.4	54
87	THERMOSTABILITY OF ANTIOXIDANT AND DETERIORATIVE ENZYMES FROM SOURSOP AND CASHEW APPLE JUICES. Revista Brasileira De Fruticultura, 2016, 38, .	0.2	3
88	Application of Novel Processing Methods for Greater Retention of Functional Compounds in Fruit-Based Beverages. Beverages, 2016, 2, 14.	1.3	25
90	A comparative assessment of long-term storage stability and quality attributes of orange juice in response to pulsed electric fields and heat treatments. Food and Bioproducts Processing, 2016, 99, 90-98.	1.8	40
91	Optimization of time-electric field combination for PPO inactivation in sugarcane juice by ohmic heating and its shelf life assessment. LWT - Food Science and Technology, 2016, 71, 329-338.	2.5	46
92	Safety improvement of fruit juices by novel thermal and nonthermal processing. , 2016, , 209-223.		7
93	Pulsed Electric Field Processing: Its Technological Opportunities and Consumer Perception. , 2016, , 447-516.		4
94	A comparative study of black mulberry juice concentrates by thermal evaporation and osmotic distillation as influenced by storage. Innovative Food Science and Emerging Technologies, 2016, 38, 57-64.	2.7	36
95	<i>Bacillus</i> Spores in the Food Industry: A Review on Resistance and Response to Novel Inactivation Technologies. Comprehensive Reviews in Food Science and Food Safety, 2016, 15, 1139-1148.	5.9	129
96	Application of pulsed electric field for food preservation. , 2016, , .		6

#	Article	IF	CITATIONS
97	Effect of a continuous flow-through pulsed light system combined with ultrasound on microbial survivability, color and sensory shelf life of apple juice. Innovative Food Science and Emerging Technologies, 2016, 34, 214-224.	2.7	71
98	Pulsed electric field technology in the manufacturing processes of wine, beer, and rice wine: A review. Food Control, 2016, 61, 28-38.	2.8	116
99	Effect of juice concentration on storage stability, betacyanin degradation kinetics, and sensory acceptance of red-fleshed dragon fruit ( <i>Hylocereus polyrhizus</i> ) juice. International Journal of Food Properties, 2017, 20, 623-632.	1.3	10
100	Performance of <scp>UV</scp> Pasteurization with Quartz Glass Sleeve on Physicochemical Properties and Microbial Activity of Pineapple Juice. Journal of Food Process Engineering, 2017, 40, e12263.	1.5	8
101	Quality stability and sensory attributes of apple juice processed by thermosonication, pulsed electric field and thermal processing. Food Science and Technology International, 2017, 23, 265-276.	1.1	51
102	Nutritional, microbial and physicochemical changes in pear juice under ultrasound and commercial pasteurization during storage. Journal of Food Processing and Preservation, 2017, 41, e13237.	0.9	17
103	Effects of thermal processing by nanofluids on vitamin C, total phenolics and total soluble solids of tomato juice. Journal of Food Science and Technology, 2017, 54, 679-686.	1.4	43
104	Effect of Inulin on the Viability of L. plantarum during Storage and In Vitro Digestion and on Composition Parameters of Vegetable Fermented Juices. Plant Foods for Human Nutrition, 2017, 72, 161-167.	1.4	38
106	Nano-fluid thermal processing of watermelon juice in a shell and tube heat exchanger and evaluating its qualitative properties. Innovative Food Science and Emerging Technologies, 2017, 42, 173-179.	2.7	27
107	Effect of heat on the sensory quality of jaew sauce. British Food Journal, 2017, 119, 2161-2171.	1.6	0
108	Investigating consumers' perception of apple juice as affected by novel and conventional processing technologies. International Journal of Food Science and Technology, 2017, 52, 2564-2571.	1.3	20
109	Environmental Applications, Food and Biomass Processing by Pulsed Electric Fields. , 2017, , 389-476.		9
110	Impact of High-Intensity Pulsed Electric Fields or Thermal Treatment on the Quality Attributes of Date Juice through Storage. Journal of Food Processing and Preservation, 2017, 41, e13052.	0.9	28
111	Quality comparison of elephant apple juices after highâ€pressure processing and thermal treatment. Journal of the Science of Food and Agriculture, 2017, 97, 1404-1411.	1.7	58
112	Conditions for producing long shelf life fruit salads processed using mild pasteurization. LWT - Food Science and Technology, 2017, 85, 316-323.	2.5	11
113	Cloud stability of sour orange juice as affected by pectin methylesterase during come up time: Approached through fractal dimension. International Journal of Food Properties, 2017, 20, S2508-S2519.	1.3	16
114	Food Aroma Compounds. , 2017, , 297-334.		18
115	Non-thermal Technologies as Alternative Methods for Saccharomyces cerevisiae Inactivation in Liquid Media: a Review. Food and Bioprocess Technology, 2018, 11, 487-510.	2.6	25

#	Article	IF	CITATIONS
118	Ozone Processing of Peach Juice: Impact on Physicochemical Parameters, Color, and Viscosity. Ozone: Science and Engineering, 2018, 40, 305-312.	1.4	23
119	Pulsed Electric Field Processing of Fruit Juices. , 2018, , 437-449.		19
120	Quantitative Assessment of the Shelf Life of Fruit Juices. , 2018, , 557-569.		1
121	Color change of orange and carrot juice blend treated by nonâ€thermal atmospheric plasma. Journal of Food Processing and Preservation, 2018, 42, e13525.	0.9	20
122	A review of pectin methylesterase inactivation in citrus juice during pasteurization. Trends in Food Science and Technology, 2018, 71, 1-12.	7.8	50
123	Inactivation kinetics of peroxidase and polyphenol oxidase in peach juice treated with gaseous ozone. International Journal of Food Science and Technology, 2018, 53, 347-355.	1.3	33
124	Functional orange juice enriched with encapsulated polyphenolic extract of lime waste and hesperidin. International Journal of Food Science and Technology, 2018, 53, 634-643.	1.3	27
125	Pulsed electric fields as an alternative to thermal processing for preservation of nutritive and physicochemical properties of beverages: A review. Journal of Food Process Engineering, 2018, 41, e12638.	1.5	113
126	The influence of natural sweetener ( <i>Stevia rebaudiana</i> Bertoni) on bioactive compounds content in chokeberry juice. Journal of Food Processing and Preservation, 2018, 42, e13406.	0.9	10
127	Fruit Preservation by Ohmic Heating and Pulsed Electric Fields. Food Engineering Series, 2018, , 441-456.	0.3	5
128	Effect of thermosonication on the quality attributes of star fruit juice. Journal of Food Process Engineering, 2018, 41, e12857.	1.5	49
129	Ultraviolet Light-Assisted Photocatalytic Disinfection of Escherichia coli and Its Effects on the Quality Attributes of White Grape Juice. Food and Bioprocess Technology, 2018, 11, 2242-2252.	2.6	11
130	Effect of pasteurization on in vitro α-glucosidase inhibitory activity of apple juice. LWT - Food Science and Technology, 2018, 98, 366-371.	2.5	31
131	Pasteurization of mixed mandarin and Hallabong tangor juice using pulsed electric field processing combined with heat. Food Science and Biotechnology, 2018, 27, 669-675.	1.2	19
132	Ozone based food preservation: a promising green technology for enhanced food safety. Ozone: Science and Engineering, 2019, 41, 17-34.	1.4	158
133	Effect of batch and continuous thermosonication on the microbial and physicochemical quality of pumpkin juice. Journal of Food Science and Technology, 2019, 56, 5036-5045.	1.4	14
134	Effects of Pulsed Electric Fields on Food Constituents, Microstructure and Sensorial Attributes of Food Products. , 2019, , 27-67.		3
135	Pulsed Electric Field-Assisted Ethanolic Extraction of Date Palm Fruits: Bioactive Compounds, Antioxidant Activity and Physicochemical Properties. Processes, 2019, 7, 585.	1.3	38

#	Article	IF	CITATIONS
136	Effect of storage temperature on the physicochemical, nutritional and microbiological quality of pasteurised soursop (Annona muricata L.) Juice. African Journal of Food Science, 2019, 13, 38-47.	0.4	7
137	Pasteurization of verjuice by UV  irradiation and mild heat treatment. Journal of Food Process Engineering, 2019, 42, e13131.	1.5	13
138	Microwave processing impact on physicochemical and bioactive attributes of optimized peach functional beverage. Journal of Food Processing and Preservation, 2019, 43, e13952.	0.9	11
139	Impact of adding goldenberry (Physalis peruviana L.) on some quality characteristics and bio-functional properties of pasteurized carrot (Daucus carota L.) nectar. Journal of Food Science and Technology, 2019, 56, 966-975.	1.4	8
140	Effect of storage on thermal, pulsed electric field and combination processed mango nectar. Journal of Food Measurement and Characterization, 2019, 13, 131-143.	1.6	15
141	Influence of ultraâ€high pressure homogenisation on physicochemical and sensorial properties of orange juice in comparison with conventional thermal processing. International Journal of Food Science and Technology, 2019, 54, 1858-1864.	1.3	29
142	Current and future prospects for the use of pulsed electric field in the meat industry. Critical Reviews in Food Science and Nutrition, 2019, 59, 1660-1674.	5.4	115
143	The effects of conventional thermal, microwave heating, and thermosonication treatments on the quality of sugarcane juice. Journal of Food Processing and Preservation, 2020, 44, e14322.	0.9	21
144	Release of Electrode Materials and Changes in Organoleptic Profiles During the Processing of Liquid Foods Using Pulse Electric Field Treatment. IEEE Transactions on Industry Applications, 2020, 56, 711-717.	3.3	4
145	Effectiveness of pulsed light treatments assisted by mild heat on Saccharomyces cerevisiae inactivation in verjuice and evaluation of its quality during storage. Innovative Food Science and Emerging Technologies, 2020, 66, 102517.	2.7	17
147	Effect of Stand-Alone and Combined Ultraviolet and Ultrasound Treatments on Physicochemical and Microbial Characteristics of Pomegranate Juice. Applied Sciences (Switzerland), 2020, 10, 5458.	1.3	11
148	Effect of dielectric barrier discharge plasma, ultraâ€sonication, and thermal processing on the rheological and functional properties of sugarcane juice. Journal of Food Science, 2020, 85, 3823-3832.	1.5	31
149	Effects of kiwi's pectin methylesterase inhibitor, nanomilling and pasteurization on orange juice quality. Food Science and Nutrition, 2020, 8, 6367-6379.	1.5	6
150	Effect of pulsed electric field on Maillard reaction and hydroxymethylfurfural production. , 2020, , 129-140.		2
151	Physico-chemical properties of fruit and vegetable juices as affected by pulsed electric field: a review. International Journal of Food Properties, 2020, 23, 1036-1050.	1.3	64
152	Pasteurization of carrot juice by combining UV-C and mild heat: Impact on shelf-life and quality compared to conventional thermal treatment. Innovative Food Science and Emerging Technologies, 2020, 64, 102362.	2.7	34
153	Application Concepts for PEF in Food and Biotechnology. , 2021, , 160-172.		2
154	Effect of thermosonication on quality attributes of hog plum (Spondias mombin L.) juice. Ultrasonics Sonochemistry, 2021, 70, 105316.	3.8	51

#	Article	IF	Citations
155	Effect of stevia and pectin supplementation on physicochemical properties, preservation and inâ€vivo hypoglycemic potential of orange nectar. Journal of Food Processing and Preservation, 2021, 45, e15124.	0.9	3
156	Pasteurization of Juices with Non-Thermal Technologies. , 2021, , 25-73.		3
157	Food and Beverage Commercial Applications of High Pressure Processing. , 2021, , 39-73.		5
158	Pulsed Electric Field. , 2021, , 137-179.		2
159	Effects of microwave pasteurization on the thermal resistance of Zygosaccharomyces rouxii and on the physicochemical properties of organic intermediate moisture raisin. Journal of Food Processing and Preservation, 2021, 45, e15382.	0.9	1
160	Application of Thermosonication in Red Pitaya Juice Processing: Impacts on Native Microbiota and Quality Properties during Storage. Foods, 2021, 10, 1041.	1.9	3
161	Viability, Sublethal Injury, and Release of Cellular Components From Alicyclobacillus acidoterrestris Spores and Cells After the Application of Physical Treatments, Natural Extracts, or Their Components. Frontiers in Nutrition, 2021, 8, 700500.	1.6	9
162	Effect of high-pressure processing to improve the safety and quality of an Quercus acorn beverage. LWT - Food Science and Technology, 2021, 149, 111858.	2.5	8
163	Thermosonication effect on bioactive compounds, enzymes activity, particle size, microbial load, and sensory properties of almond (Prunus dulcis) milk. Ultrasonics Sonochemistry, 2021, 78, 105705.	3.8	36
164	Impact of high-intensity thermosonication treatment on spinach juice: Bioactive compounds, rheological, microbial, and enzymatic activities. Ultrasonics Sonochemistry, 2021, 78, 105740.	3.8	37
166	High-Voltage Pulsed Electric Fields. Food Engineering Series, 2012, , 275-300.	0.3	1
167	Impact of thermosonication and pasteurization on total phenolic contents, total flavonoid contents, antioxidant activity, and vitamin C levels of elephant apple ( <scp><i>Dillenia indica</i></scp> ) juice. Journal of Food Process Engineering, 2020, 43, e13447.	1.5	32
168	Effect of Novel Food Processing on Fruit and Vegetable Enzymes. , 2010, , 245-312.		6
169	Microbiological and Sensory Profile of Soymilk Based Juice Treated with Liquid Extract of <i>A. Danielli</i> . American Journal of Food Science and Technology, 2014, 2, 145-149.	0.1	1
170	Pulsed electric field processing of functional drink based on tender coconut water (Cococus) Tj ETQq0 0 0 rgBT / Technology, 2014, 6, 84-96.	Overlock 1 0.5	0 Tf 50 187 10
171	Storage Influence on Physico-Chemical Composition and Antioxidant Activity of Jamun Drink Prepared from Two Types of Pulp. International Journal of Electrical Energy, 2018, , 277-282.	0.4	1
172	Effect of Ohmic Heating on Quality and Storability of Sugarcane Juice. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 2856-2868.	0.0	12
173	Effect of ultra-high temperature processing on quality of watermelon juice. , 2015, , .		4

#	Article	IF	CITATIONS
174	Effect of Edible Coating on Extending the Shelf Life and Quality of Fresh Cut Taro. American Journal of Food Technology, 2017, 12, 124-131.	0.2	12
175	Inactivation of Escherichia coli, Saccharomyces cerevisiae, and Lactobacillus brevis in Low-fat Milk by Pulsed Electric Field Treatment: A Pilot-scale Study. Korean Journal for Food Science of Animal Resources, 2015, 35, 800-806.	1.5	9
176	Effect of High Hydrostatic Pressure on the Extractability and Bioaccessibility of Carotenoids and Their Esters from Papaya (Carica papaya L.) and Its Impact on Tissue Microstructure. Foods, 2021, 10, 2435.	1.9	4
177	High-Intensity Pulsed Electric Field Applications in Fruit Processing. Contemporary Food Engineering, 2012, , 149-184.	0.2	0
178	Effect of packaging on quality of fresh-cut thyme. , 2015, , .		0
179	Food Aroma Compounds. , 2022, , 363-409.		6
180	Comparison and Evaluation of Electrospun Nanofiber Membrane for the Clarification of Grape Juice. Springer Proceedings in Energy, 2020, , 77-92.	0.2	2
181	Drying Improving by Pulsed Electric Fields. Food Engineering Series, 2022, , 385-397.	0.3	0
182	Two-Step PEF Processing for Enhancing the Polyphenol Concentration and Decontaminating a Red Grape Juice. Foods, 2022, 11, 621.	1.9	5
183	<i>Amla</i> essential oilâ€based nanoâ€coatings of Amla fruit: Analysis of morphological, physiochemical, enzymatic parameters, and shelfâ€life extension. Journal of Food Processing and Preservation, 2022, 46, .	0.9	6
184	The potential of nonthermal techniques to achieve enzyme inactivation in fruit products. Trends in Food Science and Technology, 2022, 123, 114-129.	7.8	23
185	Effect of thermal and non-thermal treatments on the color of citrus juice: A review. Food Reviews International, 2023, 39, 3555-3577.	4.3	26
188	Studies on the storage stability of betacyanins from fermented red dragon fruit (Hylocereus) Tj ETQq0 0 0 rgBT 133404.	Overlock 4.2	10 Tf 50 267 3
189	Applications of Innovative Non-Thermal Pulsed Electric Field Technology in Developing Safer and Healthier Fruit Juices. Molecules, 2022, 27, 4031.	1.7	30
190	Effect of Hurdle Approaches Using Conventional and Moderate Thermal Processing Technologies for Microbial Inactivation in Fruit and Vegetable Products. Foods, 2022, 11, 1811.	1.9	7
191	Comparison of high- and low- frequency thermosonication and carvacrol treatments of carrot juice: Microbial inactivation and quality retention. Applied Food Research, 2022, 2, 100162.	1.4	6
192	Pulsed electric fields process on juice quality improvement. AIP Conference Proceedings, 2022, , .	0.3	0
193	Engineering and Nonthermal Technologies: Process Optimization Through Kinetic Modelling. Food Engineering Series, 2022, , 53-92.	0.3	0

#	Article	IF	CITATIONS
194	Sonication and thermal treatment of pineapple juice: Comparative assessment of the physicochemical properties, antioxidant activities and microbial inactivation. Food Science and Technology International, 2024, 30, 37-48.	1.1	5
195	Effect of nonthermal technologies on the shelf life of fruits and their products: A review on the recent trends. Applied Food Research, 2022, 2, 100229.	1.4	11
196	Non-Conventional Induction Heat Treatment: Effect of Design and Electrical Parameters on Apple Juice Safety and Quality. Foods, 2022, 11, 3937.	1.9	2
197	Evaluation of Active LDPE Films for Packaging of Fresh Orange Juice. Polymers, 2023, 15, 50.	2.0	2

PRODUCT MIX OPTIMIZATION OF FRUIT NECTAR WITH INTEGRATION OF ANALYTIC HIERARCHY PROCESS AND MATHEMATICAL PROGRAMMING. Journal of Industrial Engineering (Turkish Chamber of Mechanical) Tj ETQq0 0 0 rgBiT /Overlock 10 Tf 5

200	Synergistic effects of sonication and microwave in juice processing. , 2023, , 157-187.		3
201	Multi-frequency power thermosonication treatments of clear strawberry juice: Impact on color, bioactive compounds, flavor volatiles, microbial and polyphenol oxidase inactivation. Innovative Food Science and Emerging Technologies, 2023, 84, 103295.	2.7	14
202	Effects of bioactive compounds and pharmacological activities in medicinal fruits and vegetables by thermal processing. Journal of Future Foods, 2023, 3, 252-262.	2.0	2
204	Advances in pulsed electric stimuli as a physical method for treating liquid foods. Physics of Life Reviews, 2023, 44, 207-266.	1.5	8
209	Microbial Inactivation Under Pulsed Electric Field For Food Treatment Using AI. , 2023, , .		0