Bhesh Bhandari

List of Publications by Year
in descending order

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556	33,340	3159	6836
papers	citations	92 h-index	155 g-index

596	596	596	19586
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein Nanoparticles for Enhanced Oral Delivery of Coenzyme-Q10: in Vitro and in Silico Studies. ACS Biomaterials Science and Engineering, 2023, 9, 2846-2856.	5.2	9
2	Novel Technologies for Flavor Formation in the Processing of Meat Products: A Review. Food Reviews International, 2023, 39, 802-826.	8.4	13
3	Ultrasound generation and ultrasonic application on fresh food freezing: Effects on freezing parameters, physicochemical properties and final quality of frozen foods. Food Reviews International, 2023, 39, 4465-4495.	8.4	1
4	Valorization of asparagus-leaf by-product through nutritionally enriched chips to evaluate the effect of powder particle size on functional properties and rutin contents. Drying Technology, 2023, 41, 34-45.	3.1	6
5	Advances in efficient extraction of essential oils from spices and its application in food industry: A critical review. Critical Reviews in Food Science and Nutrition, 2023, 63, 11482-11503.	10.3	8
6	Shelf life extension of aquatic products by applying nanotechnology: a review. Critical Reviews in Food Science and Nutrition, 2022, 62, 1521-1535.	10.3	16
7	Recent Development of Carbon Quantum Dots: Biological Toxicity, Antibacterial Properties and Application in Foods. Food Reviews International, 2022, 38, 1513-1532.	8.4	42
8	Functionality of bovine milk proteins and other factors in foaming properties of milk: a review. Critical Reviews in Food Science and Nutrition, 2022, 62, 4800-4820.	10.3	19
9	YYâ€1 1, a camel milkâ€derived peptide, inhibits TGFâ€Î²â€mediated atherogenic signaling in human vascular smooth muscle cells. Journal of Food Biochemistry, 2022, 46, e13882.	2.9	1
10	Novel freeze drying based technologies for production and development of healthy snacks and meal replacement products with special nutrition and function: A review. Drying Technology, 2022, 40, 1582-1597.	3.1	7
11	Establishment of novel standardised operating procedures for LFâ€NMR: used in rapid detection of typical fruit and vegetable. International Journal of Food Science and Technology, 2022, 57, 601-609.	2.7	1
12	Lactoferrin. , 2022, , 925-932.		0
13	Instant quinoa prepared by different cooking methods and infrared-assisted freeze drying: Effects of variables on the physicochemical properties. Food Chemistry, 2022, 370, 131091.	8.2	13
14	Comparison of milk fat globule membrane and whey proteome between Dromedary and Bactrian camel. Food Chemistry, 2022, 367, 130658.	8.2	18
15	Gases. , 2022, , 650-662.		0
16	Oral perception of the textural and flavor characteristics of soyâ€cow blended emulsions. Journal of Texture Studies, 2022, 53, 108-121.	2.5	5
17	Recent development in high quality drying of fruits and vegetables assisted by ultrasound: A review. Food Research International, 2022, 152, 110744.	6.2	39
18	Flat dual-frequency sweeping ultrasound enhances the inactivation of polyphenol oxidase in strawberry juice. Journal of Food Measurement and Characterization, 2022, 16, 762.	3.2	10

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19	Evaluation of alginate-biopolymers (protein, hydrocolloid, starch) composite microgels prepared by the spray aerosol technique as a carrier for green tea polyphenols. Food Chemistry, 2022, 371, 131382.	8.2	15
20	Comparing the effects of hydrostatic high-pressure processing vs holder pasteurisation on the microbial, biochemical and digestion properties of donor human milk. Food Chemistry, 2022, 373, 131545.	8.2	17
21	Unique physicochemical properties and rare reducing sugar trehalulose mandate new international regulation for stingless bee honey. Food Chemistry, 2022, 373, 131566.	8.2	27
22	Digestibility of proteins in camel milk in comparison to bovine and human milk using an in vitro infant gastrointestinal digestion system. Food Chemistry, 2022, 374, 131704.	8.2	20
23	Characterization of endogenous peptides from Dromedary and Bactrian camel milk. European Food Research and Technology, 2022, 248, 1149-1160.	3.3	10
24	Rheological and textural properties of emulsion-filled gel based on enzymatically hydrolyzed rice starch. Food Hydrocolloids, 2022, 126, 107463.	10.7	13
25	Characterization of Angiotensin I-Converting Enzyme (ACE) inhibitory peptides produced in fermented camel milk (Indian breed) by Lactobacillus acidophilus NCDC-15. Journal of Food Science and Technology, 2022, 59, 3567-3577.	2.8	10
26	Characterisation of spray dried microencapsules with amorphous lutein nanoparticles: Enhancement of processability, dissolution rate, and storage stability. Food Chemistry, 2022, 383, 132200.	8.2	12
27	Drying characteristics and quality of Chinese yam by multiphase microwave drying based on fractal theory. Drying Technology, 2022, 40, 3310-3323.	3.1	5
28	Three-dimensional (3D) food printingâ€"an overview. , 2022, , 261-276.		1
29	Camel milk: A review of its nutritional value, heat stability, and potential food products. Food Research International, 2022, 153, 110870.	6.2	36
30	The synergistic effects of myofibrillar protein enrichment and homogenization on the quality of cod protein gel. Food Hydrocolloids, 2022, 127, 107468.	10.7	21
31	Comprehensive biochemical and proteomic characterization of seasonal Australian camel milk. Food Chemistry, 2022, 381, 132297.	8.2	4
32	Effect of Early Harvest and Variety Difference on Grain Yield and Pasting Properties of Brown Rice. Crops, 2022, 2, 23-39.	1.4	0
33	Altering almond protein function through partial enzymatic hydrolysis for creating gel structures in acidic environment. Current Research in Food Science, 2022, 5, 653-664.	5.8	7
34	Effects of dielectric barrier discharge (DBD) plasma on the drying kinetics, color, phenolic compounds, energy consumption and microstructure of lotus pollen. Drying Technology, 2022, 40, 3100-3114.	3.1	4
35	Physicochemical Properties and Whey Proteomes of Camel Milk Powders Produced by Different Concentration and Dehydration Processes. Foods, 2022, 11, 727.	4.3	8
36	Effects of variety, early harvest, and germination on pasting properties and cooked grain texture of brown rice. Journal of Texture Studies, 2022, 53, 503-516.	2.5	6

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37	Investigation on simultaneous change of deformation, color and aroma of 4D printed starch-based pastes from fruit and vegetable as induced by microwave. Food Research International, 2022, 157, 111214.	6.2	29
38	Role of dietary fiber and flaxseed oil in altering the physicochemical properties and 3D printability of cod protein composite gel. Journal of Food Engineering, 2022, 327, 111053.	5.2	22
39	3D Printing: Technologies, Fundamentals, and Applications in Food Industries. , 2022, , 197-234.		1
40	Continuous flow fabrication of green graphene oxide in aqueous hydrogen peroxide. Nanoscale Advances, 2022, 4, 3121-3130.	4.6	7
41	Probing maltodextrins surface properties by atomic force microscopy: Interplay of glass transition and reconstitution properties. Food Hydrocolloids, 2022, 132, 107853.	10.7	9
42	Recent development of innovative methods for efficient frying technology. Critical Reviews in Food Science and Nutrition, 2021, 61, 3709-3724.	10.3	35
43	Effect of fat globule size on the physicochemical properties of dairy cream powder produced by spray drying. Drying Technology, 2021, 39, 2160-2172.	3.1	2
44	Freshness monitoring technology of fish products in intelligent packaging. Critical Reviews in Food Science and Nutrition, 2021, 61, 1279-1292.	10.3	64
45	Formation and Stability of Carbon Dioxide Nanobubbles for Potential Applications in Food Processing. Food Engineering Reviews, 2021, 13, 3-14.	5.9	26
46	Bioconversion and bioaccessibility of isoflavones from sogurt during in vitro digestion. Food Chemistry, 2021, 343, 128553.	8.2	21
47	A sensitive and high-throughput fluorescent method for determination of oxidase activities in human, bovine, goat and camel milk. Food Chemistry, 2021, 336, 127689.	8.2	13
48	Effect of the native fat globule size on foaming properties and foam structure of milk. Journal of Food Engineering, 2021, 291, 110227.	5.2	19
49	Effect of different types and concentrations of fat on the physico-chemical properties of soy protein isolate gel. Food Hydrocolloids, 2021, 111, 106226.	10.7	43
50	Characteristics of fish gelatin-anionic polysaccharide complexes and their applications in yoghurt: Rheology and tribology. Food Chemistry, 2021, 343, 128413.	8.2	35
51	Improvement of<scp>3D</scp>printing properties of roseâ€sodium alginate heterogeneous gel by adjusting rose material. Journal of Food Process Engineering, 2021, 44, .	2.9	8
52	Effect of multi-mode dual-frequency ultrasound irradiation on the degradation of waxy corn starch in a gelatinized state. Food Hydrocolloids, 2021, 113, 106440.	10.7	53
53	Effect of camel milk protein hydrolysates against hyperglycemia, hyperlipidemia, and associated oxidative stress in streptozotocin (STZ)-induced diabetic rats. Journal of Dairy Science, 2021, 104, 1304-1317.	3.4	29
54	4D deformation based on double-layer structure of the pumpkin/paper. Food Structure, 2021, 27, 100168.	4.5	33

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55	A sensitive, high-throughput fluorescent method for the determination of lactoperoxidase activities in milk and comparison in human, bovine, goat and camel milk. Food Chemistry, 2021, 339, 128090.	8.2	16
56	Validating the textural characteristics of soft fishâ€based paste through International Dysphagia Diet Standardisation Initiative recommended tests. Journal of Texture Studies, 2021, 52, 240-250.	2.5	14
57	Modification of porkâ€skin jelly by enzymatic crossâ€linking: melting resistance and quality improvement. International Journal of Food Science and Technology, 2021, 56, 2357-2364.	2.7	1
58	Edible flower essential oils: A review of chemical compositions, bioactivities, safety and applications in food preservation. Food Research International, 2021, 139, 109809.	6.2	29
59	A novel combination of LF-NMR and NIR to intelligent control in pulse-spouted microwave freeze drying of blueberry. LWT - Food Science and Technology, 2021, 137, 110455.	5.2	44
60	Effects of hibiscetin pretreatment on the color and anthocyanin level of microwave vacuum dried edible roses. Drying Technology, 2021, 39, 1231-1239.	3.1	2
61	Increasing the Production Yield of White Oyster Mushrooms With Pulsed Electric Fields. IEEE Transactions on Plasma Science, 2021, 49, 805-812.	1.3	3
62	Assessment of 3D printability of composite dairy matrix by correlating with its rheological properties. Food Research International, 2021, 141, 110111.	6.2	19
63	Fennel essential oil loaded porous starch-based microencapsulation as an efficient delivery system for the quality improvement of ground pork. International Journal of Biological Macromolecules, 2021, 172, 464-474.	7.5	44
64	Investigating phytosterol as a potential functional component in milk through textural, flavour and oral perception study. LWT - Food Science and Technology, 2021, 141, 110873.	5.2	5
65	Investigation on spontaneous 4D changes in color and flavor of healthy 3D printed food materials over time in response to external or internal pH stimulus. Food Research International, 2021, 142, 110215.	6.2	54
66	Influence of Emulsifiers and Dairy Ingredients on Manufacturing, Microstructure, and Physical Properties of Butter. Foods, 2021, 10, 1140.	4.3	4
67	Effect of Annealing on Structural, Physicochemical, and In Vitro Digestive Properties of Starch from Castanopsis sclerophylla. Starch/Staerke, 2021, 73, 2100005.	2.1	14
68	Influence of fat globule size, emulsifiers, and cream-aging on microstructure and physical properties of butter. International Dairy Journal, 2021, 117, 105003.	3.0	11
69	Development of a continuous membrane nanobubble generation method applicable in liquid food processing. International Journal of Food Science and Technology, 2021, 56, 4268-4277.	2.7	10
70	Printability and textural assessment of modified-texture cooked beef pastes for dysphagia patients. Future Foods, 2021, 3, 100006.	5.4	52
71	Dehydration-triggered shape transformation of 4D printed edible gel structure affected by material property and heating mechanism. Food Hydrocolloids, 2021, 115, 106608.	10.7	46
72	Assessment of 3D printability of heat acid coagulated milk semi-solids â€˜soft cheeseâ€™ by correlating rheological, microstructural, and textural properties. Journal of Food Engineering, 2021, 300, 110506.	5.2	16

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73	Effect of CO₂ nanobubbles incorporation on the viscosity reduction of fruit juice concentrate and vegetable oil. International Journal of Food Science and Technology, 2021, 56, 4278-4286.	2.7	14
74	Improvement strategies of food supply chain through novel food processing technologies during COVID-19 pandemic. Food Control, 2021, 125, 108010.	5.5	67
75	Could 3D food printing help to improve the food supply chain resilience against disruptions such as caused by pandemic crises?. International Journal of Food Science and Technology, 2021, 56, 4338-4355.	2.7	15
76	Ultra high temperature stability of milk protein concentrate: Effect of mineral salts addition. Journal of Food Engineering, 2021, 300, 110503.	5.2	13
77	3D Printing of Steak-like Foods Based on Textured Soybean Protein. Foods, 2021, 10, 2011.	4.3	37
78	Effect of pH and heat treatment on physicochemical and functional properties of spray-dried whey protein concentrate powder. International Dairy Journal, 2021, 119, 105063.	3.0	5
79	Viscoelastic and Deformation Characteristics of Structurally Different Commercial Topical Systems. Pharmaceutics, 2021, 13, 1351.	4.5	24
80	Impact of homogenization on the physicochemical properties of the cod protein gel. LWT - Food Science and Technology, 2021, 149, 111841.	5.2	12
81	Nanoemulsion-based edible coatings loaded with fennel essential oil/cinnamaldehyde: Characterization, antimicrobial property and advantages in pork meat patties application. Food Control, 2021, 127, 108151.	5.5	61
82	A novel continuous method for size-based fractionation of natural milk fat globules by modifying the cream separator. International Dairy Journal, 2021, 125, 105209.	3.0	0
83	The effect of camel milk curd masses on rats blood serum biochemical parameters: Preliminary study. PLoS ONE, 2021, 16, e0256661.	2.5	9
84	3D Printing of Shiitake Mushroom Incorporated with Gums as Dysphagia Diet. Foods, 2021, 10, 2189.	4.3	34
85	Combined effects of microporous packaging and nano-chitosan coating on quality and shelf-life of fresh-cut eggplant. Food Bioscience, 2021, 43, 101302.	4.4	22
86	Glass transition and crystallization of solid model system of jujube slice as influenced by sugars and organic acids. Food Chemistry, 2021, 359, 129935.	8.2	3
87	The role of hydrocolloids on the 3D printability of meat products. Food Hydrocolloids, 2021, 119, 106879.	10.7	25
88	Effect of reheating method on the post-processing characterisation of 3D printed meat products for dysphagia patients. LWT - Food Science and Technology, 2021, 150, 111915.	5.2	19
89	3D enabled facile fabrication of substrates with human tongue characteristics for analysing the tribological behaviour of food emulsions. Innovative Food Science and Emerging Technologies, 2021, 73, 102803.	5.6	2
90	Effect of electrolytes and surfactants on generation and longevity of carbon dioxide nanobubbles. Food Chemistry, 2021, 363, 130299.	8.2	16

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91	Changes in surface chemical composition relating to rehydration properties of spray-dried camel milk powder during accelerated storage. Food Chemistry, 2021, 361, 130136.	8.2	10
92	Physicochemical and microstructural properties of fermentation-induced almond emulsion-filled gels with varying concentrations of protein, fat and sugar contents. Current Research in Food Science, 2021, 4, 577-587.	5.8	20
93	Effect of addition of beeswax based oleogel on 3D printing of potato starch-protein system. Food Structure, 2021, 27, 100176.	4.5	42
94	Encapsulation of Fruit Ripening Controlling Compounds. , 2021, , 315-333.		0
95	Solid Encapsulation Method: Ethylene Gas Encapsulation into Amorphous Alpha-Cyclodextrin Powder. , 2021, , 17-27.		1
96	Encapsulation of Gases. , 2021, , 29-51.		1
97	Effects of cold-renneted and pre-heated milk protein concentrates (MPCs) addition on the properties of alginate composite gels. Food Research International, 2021, 150, 110778.	6.2	2
98	Effect of germination level on properties of flour paste and cooked brown rice texture of diverse varieties. Journal of Cereal Science, 2021, 102, 103345.	3.7	12
99	Modulating the fat globules of plant-based cream emulsion: Influence of the source of plant proteins. Innovative Food Science and Emerging Technologies, 2021, 74, 102852.	5.6	10
100	Comparison of Microwave Short Time and Oven Heating Pretreatment on Crystallization of Raisins. Foods, 2021, 10, 39.	4.3	2
101	Influence of drying method and 3D design on the 4D morphing of beef products. Applied Food Research, 2021, 1, 100017.	4.0	8
102	Rheological investigation of a versatile salecan/curdlan gel matrix. International Journal of Biological Macromolecules, 2021, 193, 2202-2209.	7.5	12
103	The safety and efficacy of xanthan gum-based thickeners and their effect in modifying bolus rheology in the therapeutic medical management of dysphagia. Food Hydrocolloids for Health, 2021, 1, 100038.	3.9	12
104	Improving the threeâ€dimensional printability of taro paste by the addition of additives. Journal of Food Process Engineering, 2020, 43, e13090.	2.9	22
105	Nanotechnology â€“ A shelf life extension strategy for fruits and vegetables. Critical Reviews in Food Science and Nutrition, 2020, 60, 1706-1721.	10.3	47
106	Novel pH-sensitive films containing curcumin and anthocyanins to monitor fish freshness. Food Hydrocolloids, 2020, 100, 105438.	10.7	251
107	Simulated oral processing, in vitro digestibility and sensory perception of low fat Cheddar cheese containing sodium alginate. Journal of Food Engineering, 2020, 270, 109749.	5.2	12
108	Effects of nanoemulsion-based active coatings with composite mixture of star anise essential oil, polylysine, and nisin on the quality and shelf life of ready-to-eat Yao meat products. Food Control, 2020, 107, 106771.	5.5	129

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109	Impact of In-Situ CO2 Nano-Bubbles Generation on Freezing Parameters of Selected Liquid Foods. Food Biophysics, 2020, 15, 97-112.	3.0	17
110	Effects of ultrasonication on the physicochemical properties of milk fat globules of Bubalus bubalis (water buffalo) under processing conditions: A comparison with shear-homogenization. Innovative Food Science and Emerging Technologies, 2020, 59, 102237.	5.6	37
111	Effect of preâ€emulsified soybean oil as a fat replacer on the physical and sensory attributes of reducedâ€fat filling in steamed buns. Journal of Food Process Engineering, 2020, 43, e13306.	2.9	4
112	A comparative study on hygroscopic and physiochemical properties of chicken powders obtained by different drying methods. Drying Technology, 2020, 38, 1929-1942.	3.1	17
113	Effect of Novel Ultrasonic- Microwave Combined Pretreatment on the Quality of 3D Printed Wheat Starch-Papaya System. Food Biophysics, 2020, 15, 249-260.	3.0	27
114	Controlling the Three-Dimensional Printing Mechanical Properties of Nostoc Sphaeroides System. Food Biophysics, 2020, 15, 240-248.	3.0	8
115	Food waste as a carbon source in carbon quantum dots technology and their applications in food safety detection. Trends in Food Science and Technology, 2020, 95, 86-96.	15.1	155
116	Effect of multi-frequency power ultrasound (MFPU) treatment on enzyme hydrolysis of casein. Ultrasonics Sonochemistry, 2020, 63, 104930.	8.2	96
117	Current processing and packing technology for space foods: a review. Critical Reviews in Food Science and Nutrition, 2020, 60, 3573-3588.	10.3	34
118	Crystallisation and glass transition behaviour of Chilean raisins in relation to their sugar compositions. Food Chemistry, 2020, 311, 125929.	8.2	9
119	A novel combination of enzymatic hydrolysis and fermentation: Effects on the flavor and nutritional quality of fermented Cordyceps militaris beverage. LWT - Food Science and Technology, 2020, 120, 108934.	5.2	28
120	Tribo-rheology and kinetics of soymilk gelation with different types of milk proteins. Food Chemistry, 2020, 311, 125961.	8.2	12
121	Incorporation of probiotics (Bifidobacterium animalis subsp. Lactis) into 3D printed mashed potatoes: Effects of variables on the viability. Food Research International, 2020, 128, 108795.	6.2	85
122	Nanobubbles: Fundamental characteristics and applications in food processing. Trends in Food Science and Technology, 2020, 95, 118-130.	15.1	87
123	Glycosylated fish gelatin emulsion: Rheological, tribological properties and its application as model coffee creamers. Food Hydrocolloids, 2020, 102, 105552.	10.7	68
124	Microbial and quality improvement of boiled gansi dish using carbon dots combined with radio frequency treatment. International Journal of Food Microbiology, 2020, 334, 108835.	4.7	19
125	Physical and mechanical properties of alginate based composite gels. Trends in Food Science and Technology, 2020, 106, 150-159.	15.1	76
126	Effect of water content, droplet size, and gelation on fat phase transition and water mobility in water-in-milk fat emulsions. Food Chemistry, 2020, 333, 127538.	8.2	16

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127	Assessment of Anticaking Agent on Caking Behavior of Jujube Amorphous Powder via Glass Transition and State Diagram. Food and Bioprocess Technology, 2020, 13, 1588-1599.	4.7	8
128	4D printing of products based on soy protein isolate via microwave heating for flavor development. Food Research International, 2020, 137, 109605.	6.2	94
129	Effects of cryoprotectants on Nostoc sphaeroides superchilled at low temperature (â^'3.0Â°C) and their action mechanisms. Journal of Food Process Engineering, 2020, 43, e13488.	2.9	1
130	Effect of microwave vacuum drying with different auxiliary materials on hygroscopicity and flowability of chicken powder. Food and Bioproducts Processing, 2020, 124, 266-277.	3.6	4
131	Improving thawed quality of hotâ€pot vegetable balls by a freezeâ€“thaw stability control by adding hydrocolloids. Journal of Food Process Engineering, 2020, 43, e13518.	2.9	1
132	Ultraâ€high temperature (UHT) stability of chocolate flavored high protein beverages. Journal of Food Science, 2020, 85, 3012-3019.	3.1	5
133	Influence of Long-Chain/Medium-Chain Triglycerides and Whey Protein/Tween 80 Ratio on the Stability of Phosphatidylserine Emulsions (O/W). ACS Omega, 2020, 5, 7792-7801.	3.5	21
134	Development of Chinese yam/chicken semi-liquid paste for space foods. LWT - Food Science and Technology, 2020, 125, 109251.	5.2	9
135	Effects of infrared freeze drying on volatile profile, <scp>FTIR</scp> molecular structure profile and nutritional properties of edible rose flower (<scp>Rosa rugosa</scp> flower). Journal of the Science of Food and Agriculture, 2020, 100, 4791-4800.	3.5	25
136	Dynamic crosslinked and injectable biohydrogels as extracellular matrix mimics for the delivery of antibiotics and 3D cell culture. RSC Advances, 2020, 10, 19587-19599.	3.6	13
137	Foaming properties of milk protein dispersions at different protein content and casein to whey protein ratios. International Dairy Journal, 2020, 109, 104758.	3.0	39
138	Relating the tribo-rheological properties of chocolate flavoured milk to temporal aspects of texture. International Dairy Journal, 2020, 110, 104794.	3.0	11
139	Impact of incorporation of CO2 on the melting, texture and sensory attributes of soft-serve ice cream. International Dairy Journal, 2020, 109, 104789.	3.0	21
140	Application of power ultrasound in freezing and thawing Processes: Effect on process efficiency and product quality. Ultrasonics Sonochemistry, 2020, 68, 105230.	8.2	81
141	Use of potato processing by-product: Effects on the 3D printing characteristics of the yam and the texture of air-fried yam snacks. LWT - Food Science and Technology, 2020, 125, 109265.	5.2	54
142	Improving storage quality of refrigerated steamed buns by mung bean starch composite coating enriched with nanoâ€emulsified essential oils. Journal of Food Process Engineering, 2020, 43, e13475.	2.9	15
143	Color stability and anthocyanins retention in microwaveâ€thermally treated rose powder extracts during storage. Journal of Food Processing and Preservation, 2020, 44, e14727.	2.0	2
144	Investigating cooked rice textural properties by instrumental measurements. Food Science and Human Wellness, 2020, 9, 130-135.	4.9	40

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145	Influences of different carbohydrates as wall material on powder characteristics, encapsulation efficiency, stability and degradation kinetics of microencapsulated lutein by spray drying. International Journal of Food Science and Technology, 2020, 55, 2872-2882.	2.7	24
146	Effect of CO 2 Bubbles on Crystallization Behavior of Anhydrous Milk Fat. JAOCS, Journal of the American Oil Chemists' Society, 2020, 97, 363-375.	1.9	5
147	Acetylation of intact white rice grains to alter the physicochemical properties. Journal of Cereal Science, 2020, 92, 102928.	3.7	4
148	Impact of microbial transglutaminase on 3D printing quality of Scomberomorus niphonius surimi. LWT - Food Science and Technology, 2020, 124, 109123.	5.2	58
149	Improved encapsulation efficiency and storage stability of spray dried microencapsulated lutein with carbohydrates combinations as encapsulating material. LWT - Food Science and Technology, 2020, 124, 109139.	5.2	22
150	Impact of thermal pretreatment on crystallization of Thompson raisins. Food Chemistry, 2020, 317, 126381.	8.2	6
151	A novel method of osmotic-dehydrofreezing with ultrasound enhancement to improve water status and physicochemical properties of kiwifruit. International Journal of Refrigeration, 2020, 113, 49-57.	3.4	33
152	Texture Modification of 3D Printed Air-Fried Potato Snack by Varying Its Internal Structure with the Potential to Reduce Oil Content. Food and Bioprocess Technology, 2020, 13, 564-576.	4.7	59
153	Retrogradation properties and in vitro digestibility of wild starch from Castanopsis sclerophylla. Food Hydrocolloids, 2020, 103, 105693.	10.7	11
154	Effect of fat globule size and addition of surfactants on whippability of native and homogenised dairy creams. International Dairy Journal, 2020, 105, 104671.	3.0	16
155	Efficacy of ultrasound treatment in the removal of pesticide residues from fresh vegetables: A review. Trends in Food Science and Technology, 2020, 97, 417-432.	15.1	122
156	Xanthine oxidase-lactoperoxidase system and innate immunity: Biochemical actions and physiological roles. Redox Biology, 2020, 34, 101524.	9.0	41
157	Feasibility study of hydrocolloid incorporated 3D printed pork as dysphagia food. Food Hydrocolloids, 2020, 107, 105940.	10.7	157
158	Ultra high temperature (UHT) processability of high protein dispersions prepared from milk protein-soy protein hydrolysate mixtures. LWT - Food Science and Technology, 2020, 126, 109308.	5.2	2
159	Dairy Fat Replacement in Low-Fat Cheese (LFC): A Review of Successful Technological Interventions. , 2020, , 549-581.		6
160	Influence of Milk Fat on Foam Formation, Foam Stability and Functionality of Aerated Dairy Products. , 2020, , 583-606.		5
161	Water loss and partitioning of the oil fraction of mushroom chips using ultrasound-assisted vacuum frying. Food Bioscience, 2020, 38, 100753.	4.4	20
162	Investigation of effect of antioxidant and antimicrobial agents on the quality of frozen crab gonads by Eâ€nose, GCâ€MS, and sensory evaluation. Journal of Food Processing and Preservation, 2020, 44, e14382.	2.0	4

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163	Optimization of the Formulation and Properties of 3D-Printed Complex Egg White Protein Objects. Foods, 2020, 9, 164.	4.3	31
164	Role of Differentiated-Size Milk Fat Globules on the Physical Functionality of Dairy-Fat Structured Products. , 2020, , 327-354.		1
165	Dairy Creams and Related Products. , 2020, , 431-452.		1
166	Tribological Properties of Liquid Milks and Dairy Fat Structured Products. , 2020, , 277-292.		1
167	Butter and Dairy Fat Spreads. , 2020, , 509-532.		9
168	Fat-Reduced Cream Cheeses. , 2020, , 533-547.		1
169	Materials Properties of Printable Edible Inks and Printing Parameters Optimization during 3D Printing: a review. Critical Reviews in Food Science and Nutrition, 2019, 59, 3074-3081.	10.3	128
170	Linking rheology and printability of a multicomponent gel system of carrageenan-xanthan-starch in extrusion based additive manufacturing. Food Hydrocolloids, 2019, 87, 413-424.	10.7	304
171	Foaming properties and foam structure of milk during storage. Food Research International, 2019, 116, 379-386.	6.2	25
172	Physico-chemical and biochemical properties of low fat Cheddar cheese made from micron to nano sized milk fat emulsions. Journal of Food Engineering, 2019, 242, 94-105.	5.2	13
173	Effects of superfine grinding on the properties and qualities of Cordyceps militaris and its spent substrate. Journal of Food Processing and Preservation, 2019, 43, e14169.	2.0	4
174	Changes in unfrozen water content and dielectric properties during pulse vacuum osmotic dehydration to improve microwave freezeâ€drying characteristics of Chinese yam. Journal of the Science of Food and Agriculture, 2019, 99, 6572-6581.	3.5	5
175	Textureâ€modified 3D printed dark chocolate: Sensory evaluation and consumer perception study. Journal of Texture Studies, 2019, 50, 386-399.	2.5	48
176	Effect of infused CO2 in a model solid food on the ice nucleation during ultrasound-assisted immersion freezing. International Journal of Refrigeration, 2019, 108, 53-59.	3.4	26
177	A hybrid vacuum frying process assisted by ultrasound and microwave to enhance the kinetics of moisture loss and quality of fried edamame. Food and Bioproducts Processing, 2019, 118, 326-335.	3.6	22
178	Comparison of rheological, tribological, and microstructural properties of soymilk gels acidified with glucono-Î´-lactone or culture. Food Research International, 2019, 121, 798-805.	6.2	33
179	Edible flowers: Review of flower processing and extraction of bioactive compounds by novel technologies. Food Research International, 2019, 126, 108660.	6.2	71
180	Ultrasound treatment of frozen crayfish with chitosan Nano-composite water-retaining agent: Influence on cryopreservation and storage qualities. Food Research International, 2019, 126, 108670.	6.2	32

#	Article	IF	Citations
181	Effect of additives on thermal, rheological and tribological properties of 3D printed dark chocolate. Food Research International, 2019, 119, 161-169.	6.2	57
182	Effects of crystallisation of native phytosterols and monoacylglycerols on foaming properties of whipped oleogels. Food Chemistry, 2019, 285, 86-93.	8.2	57
183	Improving Hydrophilic Barriers of Encapsulated Compounds in Ca-Alginate Microgel Particles through a New Ionotropic Gelation Method for Double Emulsion Droplets. Food Biophysics, 2019, 14, 365-382.	3.0	4
184	Model Building and Slicing in Food 3D Printing Processes: A Review. Comprehensive Reviews in Food Science and Food Safety, 2019, 18, 1052-1069.	11.7	100
185	A combination treatment of ultrasound and Îµ-polylysine to improve microorganisms and storage quality of fresh-cut lettuce. LWT - Food Science and Technology, 2019, 113, 108315.	5.2	54
186	Water Crystallisation of Model Sugar Solutions with Nanobubbles Produced from Dissolved Carbon Dioxide. Food Biophysics, 2019, 14, 403-414.	3.0	12
187	Changes in physicochemical properties of spray-dried camel milk powder over accelerated storage. Food Chemistry, 2019, 295, 224-233.	8.2	49
188	Edible flowers with the common name â€œmarigoldâ€• Their therapeutic values and processing. Trends in Food Science and Technology, 2019, 89, 76-87.	15.1	51
189	High-amylose rice: Starch molecular structural features controlling cooked rice texture and preference. Carbohydrate Polymers, 2019, 219, 251-260.	10.2	117
190	Size reduction of raw material powder: The key factor to affect the properties of wasabi (Eutrema) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.1	12
191	Assessing the 3D Printing Precision and Texture Properties of Brown Rice Induced by Infill Levels and Printing Variables. Food and Bioprocess Technology, 2019, 12, 1185-1196.	4.7	111
192	Influence of drying methods on some physicochemical, functional and pasting properties of Chinese yam flour. LWT - Food Science and Technology, 2019, 111, 182-189.	5.2	44
193	Novel Intelligent Detection of Safer Water Activity by LF-NMR Spectra for Selected Fruits and Vegetables during Drying. Food and Bioprocess Technology, 2019, 12, 1093-1101.	4.7	30
194	A comparative study between syringe-based and screw-based 3D food printers by computational simulation. Computers and Electronics in Agriculture, 2019, 162, 397-404.	7.7	64
195	Apparent thermal and UHT stability of native, homogenized and recombined creams with different average fat globule sizes. Food Research International, 2019, 123, 153-165.	6.2	7
196	Fluorescent nanoparticles in the popular pizza: properties, biodistribution and cytotoxicity. Food and Function, 2019, 10, 2408-2416.	4.6	28
197	Post-processing feasibility of composite-layer 3D printed beef. Meat Science, 2019, 153, 9-18.	5.5	78
198	3D printing of meat. Meat Science, 2019, 153, 35-44.	5.5	163

#	Article	IF	Citations
199	A novel infrared freeze drying (IRFD) technology to lower the energy consumption and keep the quality of Cordyceps militaris. Innovative Food Science and Emerging Technologies, 2019, 54, 34-42.	5.6	99
200	Investigation of sweet potato starch as a structural enhancer for threeâ€dimensional printing of <scp>Scomberomorus niphonius</scp> surimi. Journal of Texture Studies, 2019, 50, 316-324.	2.5	56
201	Dielectric properties of carrots affected by ultrasound treatment in water and oil medium simulated systems. Ultrasonics Sonochemistry, 2019, 56, 150-159.	8.2	12
202	Efficient Plant Foods Processing Based on Infrared Heating. Food Reviews International, 2019, 35, 640-663.	8.4	20
203	Osmotic-ultrasound dehydration pretreatment improves moisture adsorption isotherms and water state of microwave-assisted vacuum fried purple-fleshed sweet potato slices. Food and Bioproducts Processing, 2019, 115, 154-164.	3.6	23
204	Effect of dissolved carbon dioxide on the sonocrystallisation and physical properties of anhydrous milk fat. International Dairy Journal, 2019, 93, 45-56.	3.0	5
205	Fish gelatin modifications: A comprehensive review. Trends in Food Science and Technology, 2019, 86, 260-269.	15.1	183
206	Flavour profiles of functional reduced-fat cream cheese: Effects of Î²-glucan, phytosterols, and probiotic L. rhamnosus. LWT - Food Science and Technology, 2019, 105, 16-22.	5.2	16
207	Intelligent detection of flavor changes in ginger during microwave vacuum drying based on LF-NMR. Food Research International, 2019, 119, 417-425.	6.2	121
208	Crystallisation properties of amorphous cyclodextrin powders and their complexation with fish oil. Journal of Food Science and Technology, 2019, 56, 1519-1529.	2.8	9
209	Influence of polysaccharide as co-encapsulant on powder characteristics, survival and viability of microencapsulated Lactobacillus paracasei Lpc-37 by spray drying. Journal of Food Engineering, 2019, 252, 10-17.	5.2	48
210	Development of a novel colorimetric food package label for monitoring lean pork freshness. LWT - Food Science and Technology, 2019, 99, 43-49.	5.2	132
211	Textural modification of 3D printed dark chocolate by varying internal infill structure. Food Research International, 2019, 121, 648-657.	6.2	68
212	New understandings of how dielectric properties of fruits and vegetables are affected by heat-induced dehydration: A review. Drying Technology, 2019, 37, 1780-1792.	3.1	11
213	Sequential aspects of cream cheese texture perception using temporal dominance of sensations (TDS) tool and its relation with flow and lubrication behaviour. Food Research International, 2019, 120, 586-594.	6.2	33
214	Comparison of ultra high temperature (UHT) stability of high protein milk dispersions prepared from milk protein concentrate (MPC) and conventional low heat skimmed milk powder (SMP). Journal of Food Engineering, 2019, 246, 86-94.	5.2	22
215	Comparison of antigenicity and conformational changes to Î²-lactoglobulin following kestose glycation reaction with and without dynamic high-pressure microfluidization treatment. Food Chemistry, 2019, 278, 491-496.	8.2	8
216	The viability of probiotic Lactobacillus rhamnosus (non-encapsulated and encapsulated) in functional reduced-fat cream cheese and its textural properties during storage. Food Control, 2019, 100, 8-16.	5.5	54

#	Article	IF	Citations
217	Ultra high temperature (UHT) stability of casein-whey protein mixtures at high protein content: Heat induced protein interactions. Food Research International, 2019, 116, 103-113.	6.2	26
218	An Introduction to the Principles of 3D Food Printing. , 2019, , 1-18.		19
219	Future Outlook of 3D Food Printing. , 2019, , 373-381.		26
220	Effects of microwave assisted pulse fluidized bed freeze-drying (MPFFD) on quality attributes of Cordyceps militaris. Food Bioscience, 2019, 28, 7-14.	4.4	19
221	Improving 3D printing process of lemon juice gel based on fluid flow numerical simulation. LWT - Food Science and Technology, 2019, 102, 89-99.	5.2	125
222	Antigenicity of Î²-lactoglobulin reduced by combining with oleic acid during dynamic high-pressure microfluidization: Multi-spectroscopy and molecule dynamics simulation analysis. Journal of Dairy Science, 2019, 102, 145-154.	3.4	14
223	Protein concentration and hydrocolloid effect on the rheological and tribological behaviour of resulting protein solution. LWT - Food Science and Technology, 2019, 100, 150-157.	5.2	10
224	Tribo-rheology characteristics and microstructure of a protein solution with varying casein to whey protein ratios and addition of hydrocolloids. Food Hydrocolloids, 2019, 89, 874-884.	10.7	24
225	Time dependent gelling properties of cuboid alginate gels made by external gelation method: Effects of alginate-CaCl2 solution ratios and pH. Food Hydrocolloids, 2019, 90, 232-240.	10.7	62
226	Insight into the effect of glycerol on stability of globular proteins in high protein model system. Food Chemistry, 2019, 278, 780-785.	8.2	19
227	Effect of different homogenisation methods and UHT processing on the stability of pea protein emulsion. Food Research International, 2019, 116, 1374-1385.	6.2	47
228	Co-melting behaviour of sucrose, glucose & fructose. Food Chemistry, 2019, 275, 292-298.	8.2	18
229	Novel technologies in utilization of byproducts of animal food processing: a review. Critical Reviews in Food Science and Nutrition, 2019, 59, 3420-3430.	10.3	32
230	Recent development in the application of alternative sterilization technologies to prepared dishes: A review. Critical Reviews in Food Science and Nutrition, 2019, 59, 1188-1196.	10.3	32
231	Changes in physicochemical properties of rice in response to high-temperature fluidized bed drying and tempering. Drying Technology, 2019, 37, 331-340.	3.1	17
232	Effect of blanching on volatile compounds and structural aspects of Cordyceps militaris dried by microwave-assisted pulse-spouted bed freeze-drying (MPSFD). Drying Technology, 2019, 37, 13-25.	3.1	19
233	Gelation of an alginate film via spraying of calcium chloride droplets. Chemical Engineering Science, 2018, 183, 1-12.	3.8	29
234	Effects of microwaveâ€assisted pulseâ€spouted bed freezeâ€drying (MPSFD) on volatile compounds and structural aspects of Cordyceps militaris. Journal of the Science of Food and Agriculture, 2018, 98, 4634-4643.	3.5	35

#	Article	IF	Citations
235	Enhancement of water removing and the quality of fried purple-fleshed sweet potato in the vacuum frying by combined power ultrasound and microwave technology. Ultrasonics Sonochemistry, 2018, 44, 368-379.	8.2	79
236	Effects of three types of modified atmospheric packaging on the physicochemical properties of selected glutinous rice. Journal of Stored Products Research, 2018, 76, 85-95.	2.6	5
237	Enzymolysis and glycosylation synergistic modified ovalbumin: functional and structural characteristics. International Journal of Food Properties, 2018, 21, 395-406.	3.0	28
238	In vitro lipolysis of dairy and soy based infant formula. Food Research International, 2018, 106, 696-705.	6.2	20
239	Effect of starch modification in the whole white rice grains on physicochemical properties of two contrasting rice varieties. Journal of Cereal Science, 2018, 80, 143-149.	3.7	8
240	Effect of ultrasound dielectric pretreatment on the oxidation resistance of vacuumâ€fried apple chips. Journal of the Science of Food and Agriculture, 2018, 98, 4436-4444.	3.5	13
241	LF-NMR online detection of water dynamics in apple cubes during microwave vacuum drying. Drying Technology, 2018, 36, 2006-2015.	3.1	106
242	Effects of dissolved carbon dioxide in fat phase of cream on manufacturing and physical properties of butter. Journal of Food Engineering, 2018, 226, 9-21.	5.2	20
243	Application of electronic tongue for fresh foods quality evaluation: A review. Food Reviews International, 2018, 34, 746-769.	8.4	99
244	Molecular dynamics simulation on moisture diffusion process for drying of porous media in nanopores. International Journal of Heat and Mass Transfer, 2018, 121, 555-564.	4.8	11
245	Effect of carbonation of fresh egg white prior to spray drying on physical and functional properties of powder. Drying Technology, 2018, 36, 1224-1235.	3.1	5
246	Physical properties of 3D printed baking dough as affected by different compositions. Innovative Food Science and Emerging Technologies, 2018, 49, 202-210.	5.6	157
247	Effect of Different Gums on Features of 3D Printed Object Based on Vitamin-D Enriched Orange Concentrate. Food Biophysics, 2018, 13, 250-262.	3.0	120
248	Influence of gas addition on crystallisation behaviour of lactose from supersaturated solution. Food and Bioproducts Processing, 2018, 109, 86-97.	3.6	28
249	Applicability of a colorimetric indicator label for monitoring freshness of fresh-cut green bell pepper. Postharvest Biology and Technology, 2018, 140, 85-92.	6.0	137
250	Effect of sodium azide addition and aging storage on casein micelle size. IOP Conference Series: Earth and Environmental Science, 2018, 122, 012083.	0.3	1
251	Effect of microfluidization on casein micelle size of bovine milk. IOP Conference Series: Earth and Environmental Science, 2018, 122, 012084.	0.3	1
252	Modifying textural and microstructural properties of low fat Cheddar cheese using sodium alginate. Food Hydrocolloids, 2018, 83, 97-108.	10.7	64

#	Article	IF	Citations
253	Micronization and nanosizing of particles for an enhanced quality of food: A review. Critical Reviews in Food Science and Nutrition, 2018, 58, 993-1001.	10.3	53
254	Impact of rheological properties of mashed potatoes on 3D printing. Journal of Food Engineering, 2018, 220, 76-82.	5.2	362
255	Investigation on fish surimi gel as promising food material for 3D printing. Journal of Food Engineering, 2018, 220, 101-108.	5.2	301
256	Use of gases in dairy manufacturing: A review. Critical Reviews in Food Science and Nutrition, 2018, 58, 2557-2569.	10.3	22
257	Texture and lubrication properties of functional cream cheese: Effect of Î²â€glucan and phytosterol. Journal of Texture Studies, 2018, 49, 11-22.	2.5	27
258	Low oil content potato chips produced by infrared vacuum pre-drying and microwave-assisted vacuum frying. Drying Technology, 2018, 36, 294-306.	3.1	26
259	Influence of different functional ingredients on physical properties, rheology, tribology, and oral perceptions of no fat stirred yoghurt. Journal of Texture Studies, 2018, 49, 274-285.	2.5	34
260	An innovative approach to extend the shelf life of cottage cheese curds using food grade CO₂â€Îºâ€cyclodextrin complex powder: A preliminary study. Journal of Food Processing and Preservation, 2018, 42, e13514.	2.0	6
261	Effect of homogenisation of cheese milk and highâ€shear mixing of the curd during cream cheese manufacture. International Journal of Dairy Technology, 2018, 71, 417-431.	2.8	19
262	Evaluation of the freshness of fresh-cut green bell pepper (Capsicum annuum var. grossum) using electronic nose. LWT - Food Science and Technology, 2018, 87, 77-84.	5.2	68
263	Investigation on lemon juice gel as food material for 3D printing and optimization of printing parameters. LWT - Food Science and Technology, 2018, 87, 67-76.	5.2	326
264	Effect of vacuum storage on the freshness of grass carp (Ctenopharyngodon idella) fillet based on normal and electronic sensory measurement. Journal of Food Processing and Preservation, 2018, 42, e13418.	2.0	21
265	Rheological behavior, emulsifying properties and structural characterization of phosphorylated fish gelatin. Food Chemistry, 2018, 246, 428-436.	8.2	107
266	The genetic basis underlying variation in production of the flavour compound diacetyl by Lactobacillus rhamnosus strains in milk. International Journal of Food Microbiology, 2018, 265, 30-39.	4.7	23
267	Glucose Glycation of Î±-Lactalbumin and Î²-Lactoglobulin in Glycerol Solutions. Journal of Agricultural and Food Chemistry, 2018, 66, 10558-10566.	5.2	4
268	Effects of ultrasound pretreatments on the quality of fried sweet potato (Ipomea batatas) chips during microwaveâ€assisted vacuum frying. Journal of Food Process Engineering, 2018, 41, e12879.	2.9	24
269	A novel method using MOS electronic nose and ELM for predicting postharvest quality of cherry tomato fruit treated with high pressure argon. Computers and Electronics in Agriculture, 2018, 154, 411-419.	7.7	25
270	Nutritional value and flavor of turbot (Scophthalmus maximus) muscle as affected by cooking methods. International Journal of Food Properties, 2018, 21, 1972-1985.	3.0	30

#	Article	IF	Citations
271	Determination of Postharvest Quality of Cucumbers Using Nuclear Magnetic Resonance and Electronic Nose Combined with Chemometric Methods. Food and Bioprocess Technology, 2018, 11, 2142-2152.	4.7	26
272	Creation of internal structure of mashed potato construct by 3D printing and its textural properties. Food Research International, 2018, 111, 534-543.	6.2	156
273	Effect of temperatureâ€“time pretreatments on the texture and microstructure of abalone (<i>Haliotis) Tj ETQq1 1 0.784314 rgBT /Ov	2.5	18
274	3D printed milk protein food simulant: Improving the printing performance of milk protein concentration by incorporating whey protein isolate. Innovative Food Science and Emerging Technologies, 2018, 49, 116-126.	5.6	111
275	Enhanced uptake of potassium or glycine betaine or export of cyclic-di-AMP restores osmoresistance in a high cyclic-di-AMP Lactococcus lactis mutant. PLoS Genetics, 2018, 14, e1007574.	3.5	61
276	Microorganism control and product quality improvement of Twice-cooked pork dish using ZnO nanoparticles combined radio frequency pasteurization. LWT - Food Science and Technology, 2018, 95, 65-71.	5.2	18
277	Synergistic effects of ultrasound and microwave on the pumpkin slices qualities during ultrasoundâ€assisted microwave vacuum frying. Journal of Food Process Engineering, 2018, 41, e12835.	2.9	23
278	Effect of soaking medium on the physicochemical properties of parboiled glutinous rice of selected Laotian cultivars. International Journal of Food Properties, 2018, 21, 1896-1910.	3.0	16
279	Effect of gums on the rheological, microstructural and extrusion printing characteristics of mashed potatoes. International Journal of Biological Macromolecules, 2018, 117, 1179-1187.	7.5	134
280	Tribo-rheometry behaviour and gel strength of Î°-carrageenan and gelatin solutions at concentrations, pH and ionic conditions used in dairy products. Food Hydrocolloids, 2018, 84, 292-302.	10.7	35
281	Effects of Maltodextrin Powder Addition on the Rheological and Thermal Properties of Molasses. Sugar Tech, 2018, 20, 574-584.	1.8	3
282	Alginate gel particlesâ€“A review of production techniques and physical properties. Critical Reviews in Food Science and Nutrition, 2017, 57, 1133-1152.	10.3	398
283	Effects of milk pH alteration on casein micelle size and gelation properties of milk. International Journal of Food Properties, 2017, 20, 179-197.	3.0	110
284	Recent development in 3D food printing. Critical Reviews in Food Science and Nutrition, 2017, 57, 3145-3153.	10.3	184
285	Gelation properties of partially renneted milk. International Journal of Food Properties, 2017, 20, 1700-1714.	3.0	108
286	Gelation properties of myofibrillar protein under malondialdehydeâ€induced oxidative stress. Journal of the Science of Food and Agriculture, 2017, 97, 50-57.	3.5	57
287	Evaluation of tilapia skin gelatin as a mammalian gelatin replacer in acid milk gels and low-fat stirred yogurt. Journal of Dairy Science, 2017, 100, 3436-3447.	3.4	50
288	Effect of Sodium Alginate Addition on Physical Properties of Rennet Milk Gels. Food Biophysics, 2017, 12, 141-150.	3.0	14

#	Article	IF	Citations
289	Methods to characterize the structure of foodÂpowders â€“ a review. Bioscience, Biotechnology and Biochemistry, 2017, 81, 651-671.	1.3	21
290	Effect of solubilised carbon dioxide at low partial pressure on crystallisation behaviour, microstructure and texture of anhydrous milk fat. Food Research International, 2017, 95, 82-90.	6.2	23
291	The molecular structural features controlling stickiness in cooked rice, a major palatability determinant. Scientific Reports, 2017, 7, 43713.	3.3	101
292	Effect of Carbonation of Supersaturated Lactose Solution on Crystallisation Behaviour of Alpha-Lactose Monohydrate. Food Biophysics, 2017, 12, 52-59.	3.0	11
293	Tribo-rheology and sensory analysis of a dairy semi-solid. Food Hydrocolloids, 2017, 70, 240-250.	10.7	58
294	Effect of different hydrocolloids on texture, rheology, tribology and sensory perception of texture and mouthfeel of low-fat pot-set yoghurt. Food Hydrocolloids, 2017, 72, 90-104.	10.7	219
295	Effect of fat globule size on the churnability of dairy cream. Food Research International, 2017, 99, 229-238.	6.2	18
296	Dehydration of asparagus cookies by combined vacuum infrared radiation and pulse-spouted microwave vacuum drying. Drying Technology, 2017, 35, 1291-1301.	3.1	25
297	Size-based fractionation of native milk fat globules by two-stage centrifugal separation. Innovative Food Science and Emerging Technologies, 2017, 41, 235-243.	5.6	20
298	Use of imaging techniques to identify efficient controlled release systems of Lactobacillus rhamnosus GG during in vitro digestion. Food and Function, 2017, 8, 1587-1598.	4.6	17
299	Recent developments in novel shelf life extension technologies of fresh-cut fruits and vegetables. Trends in Food Science and Technology, 2017, 64, 23-38.	15.1	299
300	Spray Drying of Bioactives. Food Engineering Series, 2017, , 261-284.	0.7	2
301	In situ analysis of cooking properties of rice by thermal mechanical compression test method. International Journal of Food Properties, 2017, 20, 1174-1185.	3.0	6
302	Smart NMR Method of Measurement of Moisture Content of Vegetables During Microwave Vacuum Drying. Food and Bioprocess Technology, 2017, 10, 2251-2260.	4.7	44
303	Optimization of chocolate 3D printing by correlating thermal and flow properties with 3D structure modeling. Innovative Food Science and Emerging Technologies, 2017, 44, 21-29.	5.6	160
304	3D printing: Printing precision and application in food sector. Trends in Food Science and Technology, 2017, 69, 83-94.	15.1	478
305	Nanostructural analysis and textural modification of tilapia fish gelatin affected by gellan and calcium chloride addition. LWT - Food Science and Technology, 2017, 85, 137-145.	5.2	102
306	ZnO nanoparticles combined radio frequency heating: A novel method to control microorganism and improve product quality of prepared carrots. Innovative Food Science and Emerging Technologies, 2017, 44, 46-53.	5.6	32

#	Article	IF	Citations
307	Surface chemistry and microscopy of food powders. Progress in Surface Science, 2017, 92, 409-429.	8.3	38
308	Freeze drying and vacuum impregnating characteristics ofNostoc sphaeroides KÃ¼tzing. Drying Technology, 2017, 35, 1379-1387.	3.1	7
309	A tribological analysis of cream cheeses manufactured with different fat content. International Dairy Journal, 2017, 73, 155-165.	3.0	38
310	Investigation of solubility of carbon dioxide in anhydrous milk fat by lab-scale manometric method. Food Chemistry, 2017, 237, 667-676.	8.2	11
311	Encapsulation of tea tree oil by amorphous beta-cyclodextrin powder. Food Chemistry, 2017, 221, 1474-1483.	8.2	57
312	Feasibility study of lecithin nanovesicles as spacers to improve the solubility of milk protein concentrate powder during storage. Dairy Science and Technology, 2017, 96, 861-872.	2.2	20
313	Analysis of drying properties and vacuum-impregnated qualities of edamame (Glycine max (L.)) Tj ETQq1 1 0.784314 rgBT /Overlock	3.1	10
314	The Effect of Manipulating Fat Globule Size on the Stability and Rheological Properties of Dairy Creams. Food Biophysics, 2017, 12, 1-10.	3.0	26
315	Lactobacillus rhamnosus GG encapsulation by spray-drying: Milk proteins clotting control to produce innovative matrices. Journal of Food Engineering, 2017, 193, 10-19.	5.2	70
316	Pectin and enzyme complex modified fish scales gelatin: Rheological behavior, gel properties and nanostructure. Carbohydrate Polymers, 2017, 156, 294-302.	10.2	99
317	Crystallization and melting properties of mixtures of milk fat stearin and omega-3 rich oils. Food Chemistry, 2017, 218, 199-206.	8.2	13
318	Spray-Drying and Non-Equilibrium States/Glass Transition. , 2017, , 111-136.		7
319	A Multidisciplinary Phenotyping and Genotyping Analysis of a Mapping Population Enables Quality to Be Combined with Yield in Rice. Frontiers in Molecular Biosciences, 2017, 4, 32.	3.5	8
320	Introduction to Non-Equilibrium States and Glass Transitionsâ€"The Fundamentals Applied to Foods Systems. , 2017, , xxxiii-l.		5
321	Quantification of calcium alginate gel formation during ionic cross-linking by a novel colourimetric technique. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 533, 116-124.	4.7	13
322	Investigation of nanovesicle liposome powder production from soy lecithin by spray drying. Drying Technology, 2017, 35, 1020-1028.	3.1	8
323	Repellent effects of Melaleuca alternifolia (tea tree) oil against cattle tick larvae (Rhipicephalus) Tj ETQq1 1 0.784314 rgBT /Overlock Parasitology, 2016, 225, 99-103.	1.8	17
324	Methods to extend the shelfâ€life of cottage cheese â€“ a review. International Journal of Dairy Technology, 2016, 69, 313-327.	2.8	12

#	Article	IF	Citations
325	Dehydration of CO₂-Î±-cyclodextrin complex powder by desiccant adsorption method and its release properties. Journal of Microencapsulation, 2016, 33, 763-772.	2.8	6
326	Partial renneting of pasteurised bovine milk: Casein micelle size, heat and storage stability. Food Research International, 2016, 84, 52-60.	6.2	9
327	Effect of Different Cooking Conditions on the Pasting Properties of Flours of Glutinous Rice Varieties from Lao Peopleâ€™s Democratic Republic. International Journal of Food Properties, 2016, 19, 2026-2040.	3.0	17
328	Retrogradationâ€"Digestibility Relationship of Selected Glutinous and Non-Glutinous Fresh and Stale Cooked Rice. International Journal of Food Properties, 2016, 19, 2608-2622.	3.0	6
329	Novel Solid Encapsulation of Ethylene Gas Using Amorphous Î±-Cyclodextrin and the Release Characteristics. Journal of Agricultural and Food Chemistry, 2016, 64, 3318-3323.	5.2	16
330	Comparison of solid substrates to differentiate the lubrication property of dairy fluids by tribological measurement. Journal of Food Engineering, 2016, 185, 1-8.	5.2	22
331	Effect of alkali treatment on the milled grain surface protein and physicochemical properties of two contrasting rice varieties. Journal of Cereal Science, 2016, 72, 16-23.	3.7	17
332	Effect of Ultrasound Treatment on the Evolution of Solubility of Milk Protein Concentrate Powder. , 2016, , 1383-1401.		2
333	Air Extrusion System for Ionotropic Alginate Microgel Particle Formation: A Review. Chemical Engineering and Technology, 2016, 39, 2355-2369.	1.5	11
334	Recent advances in spray drying relevant to the dairy industry: A comprehensive critical review. Drying Technology, 2016, 34, 1773-1790.	3.1	87
335	Effects of malondialdehyde-induced protein modification on water functionality and physicochemical state of fish myofibrillar protein gel. Food Research International, 2016, 86, 131-139.	6.2	111
336	In vitro digestion of infant formulations with hydrolysed and non-hydrolysed proteins from dairy and soybean. Food and Function, 2016, 7, 4908-4919.	4.6	17
337	Cyclicâ€diâ€<scp>AMP</scp> synthesis by the diadenylate cyclase <scp>CdaA</scp> is modulated by the peptidoglycan biosynthesis enzyme <scp>GlmM</scp> in <scp>L</scp>actococcus lactis. Molecular Microbiology, 2016, 99, 1015-1027.	2.5	61
338	Understanding the Jasmine phenotype of rice through metabolite profiling and sensory evaluation. Metabolomics, 2016, 12, 1.	3.0	36
339	Culture-independent bacterial community profiling of carbon dioxide treated raw milk. International Journal of Food Microbiology, 2016, 233, 81-89.	4.7	20
340	X-ray photoelectron spectroscopic analysis of rice kernels and flours: Measurement of surface chemical composition. Food Chemistry, 2016, 212, 349-357.	8.2	21
341	Stability of active prophages in industrial Lactococcus lactis strains in the presence of heat, acid, osmotic, oxidative and antibiotic stressors. International Journal of Food Microbiology, 2016, 220, 26-32.	4.7	18
342	Infusion of CO2 in a solid food: A novel method to enhance the low-frequency ultrasound effect on immersion freezing process. Innovative Food Science and Emerging Technologies, 2016, 35, 194-203.	5.6	47

#	Article	IF	Citations
343	Influence of Linoleic Acid-Induced Oxidative Modification on Gel Properties of Myofibrillar Protein from Silver Carp (Hypophthalmichthys molitrix) Muscle. Food Biophysics, 2016, 11, 266-274.	3.0	28
344	Characterization of alginateâ€“lactoferrin beads prepared by extrusion gelation method. Food Hydrocolloids, 2016, 53, 270-276.	10.7	28
345	Physical and functional properties of whole milk powders prepared from concentrate partially acidified with CO2 at two temperatures. International Dairy Journal, 2016, 56, 4-12.	3.0	21
346	Effect of Milk Fat Globule Size on Physical Properties of Milk. SpringerBriefs in Food, Health and Nutrition, 2016, , 35-45.	0.5	3
347	Fish gelatin combined with chitosan coating inhibits myofibril degradation of golden pomfret (Trachinotus blochii) fillet during cold storage. Food Chemistry, 2016, 200, 283-292.	8.2	173
348	Rheology of emulsion-filled alginate microgel suspensions. Food Research International, 2016, 80, 50-60.	6.2	44
349	Effect of Milk Fat Globule Size on the Physical Functionality of Dairy Products. SpringerBriefs in Food, Health and Nutrition, 2016, , .	0.5	17
350	Encapsulation of CO2 into amorphous alpha-cyclodextrin powder at different moisture contents â€“ Part 2: Characterization of complexed powders and determination of crystalline structure. Food Chemistry, 2016, 206, 92-101.	8.2	17
351	Quality of restructured cookies made from old stalks ofAsparagus officinalisusing various drying methods. Drying Technology, 2016, 34, 1936-1947.	3.1	18
352	Instrumental measurement of cooked rice texture by dynamic rheological testing and its relation to the fine structure of rice starch. Carbohydrate Polymers, 2016, 146, 253-263.	10.2	108
353	Effect of whole milk concentrate carbonation on functional, physicochemical and structural properties of the resultant spray dried powder during storage. Journal of Food Engineering, 2016, 179, 68-77.	5.2	30
354	3d printing technologies applied for food design: Status and prospects. Journal of Food Engineering, 2016, 179, 44-54.	5.2	605
355	Encapsulation of CO 2 into amorphous alpha-cyclodextrin powder at different moisture contents â€“ Part 1: Encapsulation capacity and stability of inclusion complexes. Food Chemistry, 2016, 203, 348-355.	8.2	22
356	Effect of Crystalline Structure on Oxidation of Fish Oil in Stearin:Fish Oil Mixtures. Food and Bioprocess Technology, 2016, 9, 792-800.	4.7	11
357	Inhibition of bacterial growth in sweet cheese whey by carbon dioxide as determined by culture-independent community profiling. International Journal of Food Microbiology, 2016, 217, 20-28.	4.7	13
358	Techniques to Measure Milk Fat Globule size. SpringerBriefs in Food, Health and Nutrition, 2016, , 11-14.	0.5	1
359	Effect of Milk Fat Globule Size on Functionalities and Sensory Qualities of Dairy Products. SpringerBriefs in Food, Health and Nutrition, 2016, , 47-67.	0.5	5
360	Uses of an innovative ethylene-Î±-cyclodextrin inclusion complex powder for ripening of mango fruit. Postharvest Biology and Technology, 2016, 113, 77-86.	6.0	20

#	Article	IF	Citations
361	The importance of amylose and amylopectin fine structure for textural properties of cooked rice grains. Food Chemistry, 2016, 196, 702-711.	8.2	363
362	Method of Measurement of CO₂ Adsorbed into Î±-Cyclodextrin by Infra-Red CO₂ Probe. International Journal of Food Properties, 2016, 19, 1696-1707.	3.0	8
363	Development of rheological and sensory properties of combinations of milk proteins and gelling polysaccharides as potential gelatin replacements in the manufacture of stirred acid milk gels and yogurt. Journal of Food Engineering, 2016, 169, 27-37.	5.2	57
364	Tribological method to measure lubricating properties of dairy products. Journal of Food Engineering, 2016, 168, 27-34.	5.2	102
365	In-vitro digestion of different forms of bovine lactoferrin encapsulated in alginate micro-gel particles. Food Hydrocolloids, 2016, 52, 231-242.	10.7	62
366	Recent Developments in Film and Gas Research in Modified Atmosphere Packaging of Fresh Foods. Critical Reviews in Food Science and Nutrition, 2016, 56, 2174-2182.	10.3	29
367	Functional Milk Proteins: Production and Utilizationâ€"Whey-Based Ingredients. , 2016, , 67-98.		14
368	Effect of ultrasound-assisted freezing on the physico-chemical properties and volatile compounds of red radish. Ultrasonics Sonochemistry, 2015, 27, 316-324.	8.2	68
369	Variability in Human Bitter Taste Sensitivity to Chemically Diverse Compounds Can Be Accounted for by Differential TAS2R Activation. Chemical Senses, 2015, 40, 427-435.	2.0	38
370	Draft Genome Sequence of Pseudomonas fluorescens SRM1, an Isolate from Spoiled Raw Milk. Genome Announcements, 2015, 3, .	0.8	4
371	Influence of pre-heat temperature, pre-heat holding time and high-heat temperature on fouling of reconstituted skim milk during UHT processing. Journal of Food Engineering, 2015, 153, 45-52.	5.2	20
372	Sensory evaluation and storage stability of UHT milk fortified with iron, magnesium and zinc. Dairy Science and Technology, 2015, 95, 33-46.	2.2	14
373	Interactions between different forms of bovine lactoferrin and sodium alginate affect the properties of their mixtures. Food Hydrocolloids, 2015, 48, 38-46.	10.7	33
374	Physical stability of emulsion encapsulated in alginate microgel particles by the impinging aerosol technique. Food Research International, 2015, 75, 182-193.	6.2	12
375	Characterization of crystalline and spray-dried amorphous Î±-cyclodextrin powders. Powder Technology, 2015, 284, 585-594.	4.2	26
376	Encapsulation of CO2 into amorphous and crystalline Î±-cyclodextrin powders and the characterization of the complexes formed. Food Chemistry, 2015, 187, 407-415.	8.2	27
377	Effect of Ultrasound Immersion Freezing on the Quality Attributes and Water Distributions of Wrapped Red Radish. Food and Bioprocess Technology, 2015, 8, 1366-1376.	4.7	113
378	Effect of polysaccharides with different ionic charge on the rheological, microstructural and textural properties of acid milk gels. Food Research International, 2015, 72, 62-73.	6.2	71

#	Article	IF	Citations
379	A comprehensive review on in vitro digestion of infant formula. Food Research International, 2015, 76, 373-386.	6.2	93
380	Maillard Reaction in Limited Moisture and Low Water Activity Environment. Food Engineering Series, 2015, , 41-63.	0.7	15
381	Gastrointestinal digestion of dairy and soy proteins in infant formulas: An in vitro study. Food Research International, 2015, 76, 348-358.	6.2	105
382	Effects of Protein Conformational Modifications, Enthalpy Relaxation, and Interaction with Water on the Solubility of Milk Protein Concentrate Powder. Food Engineering Series, 2015, , 437-450.	0.7	0
383	Controlled release of ethylene gas from the ethylene-Î±-cyclodextrin inclusion complex powder with deliquescent salts. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 83, 281-288.	1.6	10
384	Visualizing the interaction between sodium caseinate and calcium alginate microgel particles. Food Hydrocolloids, 2015, 43, 165-171.	10.7	35
385	Recent Application of Modified Atmosphere Packaging (MAP) in Fresh and Fresh-Cut Foods. Food Reviews International, 2015, 31, 172-193.	8.4	77
386	Crystal structures and morphologies of fractionated milk fat in nanoemulsions. Food Chemistry, 2015, 171, 157-167.	8.2	50
387	Effect of addition of gelatin on the rheological and microstructural properties of acid milk protein gels. Food Hydrocolloids, 2015, 43, 340-351.	10.7	57
388	Change in molecular structure and dynamics of protein in milk protein concentrate powder upon ageing by solid-state carbon NMR. Food Hydrocolloids, 2015, 44, 66-70.	10.7	19
389	Effect of Ultrasound Treatment on the Evolution of Solubility of Milk Protein Concentrate Powder. , 2015, , 1-19.		0
390	Stability of Whey Proteins during Thermal Processing: A Review. Comprehensive Reviews in Food Science and Food Safety, 2014, 13, 1235-1251.	11.7	257
391	Rheological behaviour of selected commercially available baby formulas in simulated human digestive system. Food Research International, 2014, 64, 889-895.	6.2	17
392	The potential for production of freeze-dried oral vaccines using alginate hydrogel microspheres as protein carriers. Journal of Drug Delivery Science and Technology, 2014, 24, 178-184.	3.0	20
393	Influence of Ultrasound-Assisted Osmotic Dehydration and Freezing on the Water State, Cell Structure, and Quality of Radish (Raphanus sativusL.) Cylinders. Drying Technology, 2014, 32, 1803-1811.	3.1	32
394	Rheology, texture and microstructure of gelatin gels with and without milk proteins. Food Hydrocolloids, 2014, 35, 484-493.	10.7	132
395	Encapsulation of gases in powder solid matrices and their applications: A review. Powder Technology, 2014, 259, 87-108.	4.2	71
396	Isolation of lactic acid bacteria with antifungal activity against the common cheese spoilage mould Penicillium commune and their potential as biopreservatives in cheese. Food Control, 2014, 46, 91-97.	5.5	108

#	Article	IF	Citations
397	Effect of sulphydryl reagents on the heat stability of whey protein isolate. Food Chemistry, 2014, 163, 129-135.	8.2	28
398	Influence of power ultrasound on ice nucleation of radish cylinders during ultrasound-assisted immersion freezing. International Journal of Refrigeration, 2014, 46, 1-8.	3.4	42
399	Temperature and Quality Characteristics of Infrared Radiationâ€“Dried Kelp at Different Peak Wavelengths. Drying Technology, 2014, 32, 437-446.	3.1	31
400	Evaluation of different methods for determination of the iron saturation level in bovine lactoferrin. Food Chemistry, 2014, 152, 121-127.	8.2	21
401	Effect of Emulsion Droplet Size on Foaming Properties of Milk Fat Emulsions. Food and Bioprocess Technology, 2014, 7, 3416-3428.	4.7	22
402	Lubrication studies of fluid food using a simple experimental set up. Food Hydrocolloids, 2014, 42, 100-105.	10.7	61
403	Effects of emulsion droplet sizes on the crystallisation of milk fat. Food Chemistry, 2014, 145, 725-735.	8.2	70
404	The Viability of Lactobacillus rhamnosus GG and Lactobacillus acidophilus NCFM Following Double Encapsulation in Alginate and Maltodextrin. Food and Bioprocess Technology, 2013, 6, 2763-2769.	4.7	58
405	Stability and Probiotic Properties ofLactobacillus plantarumSpray-Dried with Protein and Other Protectants. Drying Technology, 2013, 31, 1723-1733.	3.1	23
406	Applications of tribology in studying food oral processing and texture perception. Food Research International, 2013, 54, 1627-1635.	6.2	164
407	Effects of Type and Concentration of Proteins on the Recovery of Spray-Dried Sucrose Powder. Drying Technology, 2013, 31, 1643-1652.	3.1	29
408	Effect of Addition of Whey Protein Isolate on Spray-Drying Behavior of Honey with Maltodextrin as a Carrier Material. Drying Technology, 2013, 31, 1681-1692.	3.1	100
409	Effects of Emulsification of Fat on the Surface Tension of Protein Solutions and Surface Properties of the Resultant Spray-Dried Particles. Drying Technology, 2013, 31, 1939-1950.	3.1	16
410	Direct evidence for the role of Maillard reaction products in protein cross-linking in milk powder during storage. International Dairy Journal, 2013, 31, 83-91.	3.0	58
411	Quantification of lactosylation of whey proteins in stored milk powder using multiple reaction monitoring. Food Chemistry, 2013, 141, 1203-1210.	8.2	23
412	Physico-chemical properties of different forms of bovine lactoferrin. Food Chemistry, 2013, 141, 3007-3013.	8.2	93
413	Effect of encapsulation of d-limonene on the moisture adsorption property of Î²-cyclodextrin. LWT - Food Science and Technology, 2013, 51, 164-169.	5.2	20
414	Introduction to food powders. , 2013, , 1-25.		25

#	Article	IF	Citations
415	Spray drying for food powder production. , 2013, , 29-56.		16
416	Handbook of food powders. , 2013, , .		78
417	Changes in Cracking Behavior and Milling Quality of Selected Australian Rice Varieties Due to Postdrying Annealing and Subsequent Storage. Drying Technology, 2012, 30, 1831-1843.	3.1	12
418	Novel alginate gel microspheres produced by impinging aerosols for oral delivery of proteins. Journal of Microencapsulation, 2012, 29, 250-261.	2.8	24
419	Investigation of Relationship between Surface Tension of Feed Solution Containing Various Proteins and Surface Composition and Morphology of Powder Particles. Drying Technology, 2012, 30, 1548-1562.	3.1	21
420	A novel impinging aerosols method for production of propranolol hydrochloride-loaded alginate gel microspheres for oral delivery. Journal of Microencapsulation, 2012, 29, 63-71.	2.8	8
421	Comparing the efficiency of protein and maltodextrin on spray drying of bayberry juice. Food Research International, 2012, 48, 478-483.	6.2	223
422	Viability ofLactobacillus plantarumTISTR 2075 in Different Protectants during Spray Drying and Storage. Drying Technology, 2012, 30, 1407-1412.	3.1	65
423	Materials Science of Freezing and Frozen Foods. , 2012, , 373-386.		9
424	A proteomic approach to detect lactosylation and other chemical changes in stored milk protein concentrate. Food Chemistry, 2012, 132, 655-662.	8.2	42
425	Kinetics of enthalpy relaxation of milk protein concentrate powder upon ageing and its effect on solubility. Food Chemistry, 2012, 134, 1368-1373.	8.2	25
426	Evaluation of Lactobacillus rhamnosus GG and Lactobacillus acidophilus NCFM encapsulated using a novel impinging aerosol method in fruit food products. International Journal of Food Microbiology, 2012, 157, 162-166.	4.7	85
427	Chemical and Physical Changes in Milk Protein Concentrate (MPC80) Powder during Storage. Journal of Agricultural and Food Chemistry, 2011, 59, 5465-5473.	5.2	75
428	Influence of Dryer Type on Surface Characteristics of Milk Powders. Drying Technology, 2011, 29, 758-769.	3.1	57
429	Maillard Reaction and Protein Cross-Linking in Relation to the Solubility of Milk Powders. Journal of Agricultural and Food Chemistry, 2011, 59, 12473-12479.	5.2	72
430	Survivability of probiotics encapsulated in alginate gel microbeads using a novel impinging aerosols method. International Journal of Food Microbiology, 2011, 145, 162-168.	4.7	163
431	Influence of emulsion droplet size on antimicrobial properties. Food Science and Biotechnology, 2011, 20, 793-800.	2.6	90
432	Thermal Transition Properties of Spaghetti Measured by Differential Scanning Calorimetry (DSC) and Thermal Mechanical Compression Test (TMCT). Food and Bioprocess Technology, 2011, 4, 1422-1431.	4.7	27

#	Article	IF	Citations
433	Storage induced changes to high protein powders: influence on surface properties and solubility. Journal of the Science of Food and Agriculture, 2011, 91, 2566-2575.	3.5	91
434	Ageingâ€induced solubility loss in milk protein concentrate powder: effect of protein conformational modifications and interactions with water. Journal of the Science of Food and Agriculture, 2011, 91, 2576-2581.	3.5	27
435	Encapsulation of ethylene gas into Î±-cyclodextrin and characterisation of the inclusion complexes. Food Chemistry, 2011, 127, 572-580.	8.2	62
436	Effect of spray drying and storage on the stability of bayberry polyphenols. Food Chemistry, 2011, 129, 1139-1147.	8.2	304
437	Release kinetics of ethylene gas from ethyleneâ€“Î±-cyclodextrin inclusion complexes. Food Chemistry, 2011, 129, 259-266.	8.2	58
438	Rehydration of high-protein-containing dairy powder: Slow- and fast-dissolving components and storage effects. Dairy Science and Technology, 2010, 90, 335-344.	2.2	67
439	Ultra-high-temperature processing of chocolate flavoured milk. Journal of Food Engineering, 2010, 96, 179-184.	5.2	31
440	Volatile Components in Three Commercial Douchies, A Chinese Traditional Salt-Fermented Soybean Food. International Journal of Food Properties, 2010, 13, 1117-1133.	3.0	12
441	Chemical deterioration and physical instability of food powders. , 2010, , 663-700.		13
442	Protein Conformational Modifications and Kinetics of Waterâ^'Protein Interactions in Milk Protein Concentrate Powder upon Aging: Effect on Solubility. Journal of Agricultural and Food Chemistry, 2010, 58, 7748-7755.	5.2	58
443	Rheological Properties of Cabbage Pulp. International Journal of Food Properties, 2010, 13, 1066-1073.	3.0	2
444	Measurement of Glass-Rubber Transition Temperature of Rice by Thermal Mechanical Compression Test (TMCT). International Journal of Food Properties, 2010, 13, 176-183.	3.0	12
445	Encapsulation of polyphenols â€“ a review. Trends in Food Science and Technology, 2010, 21, 510-523.	15.1	1,176
446	Investigation of the microstructure of milk protein concentrate powders during rehydration: Alterations during storage. Journal of Dairy Science, 2010, 93, 463-472.	3.4	137
447	Changes During Processing and Sodium Chloride Supplementation on the Physical and Chemical Properties of Douchi. International Journal of Food Properties, 2010, 13, 131-141.	3.0	8
448	Diffusion loading and drug delivery characteristics of alginate gel microparticles produced by a novel impinging aerosols method. Journal of Drug Targeting, 2010, 18, 831-841.	4.4	27
449	Microscopic Structure of Bayberry (Myrica RubraSieb. Et Zucc.) Juice Haze. International Journal of Food Properties, 2009, 12, 549-555.	3.0	0
450	Thermomechanical Property of Rice Kernels Studied by DMA. International Journal of Food Engineering, 2009, 5, .	1.5	7

#	Article	IF	Citations
451	Physical properties of cryomilled rice starch. Journal of Cereal Science, 2009, 49, 278-284.	3.7	71
452	Rehydration process of milk protein concentrate powder monitored by static light scattering. Food Hydrocolloids, 2009, 23, 1958-1965.	10.7	150
453	Starch pastes thinning during high-pressure homogenization. Carbohydrate Polymers, 2009, 75, 32-38.	10.2	51
454	Gel particles from spray-dried disordered polysaccharides. Carbohydrate Polymers, 2009, 76, 206-213.	10.2	21
455	The effect of low molecular weight surfactants and proteins on surface stickiness of sucrose during powder formation through spray drying. Journal of Food Engineering, 2009, 94, 135-143.	5.2	100
456	Effect of addition of proteins on the production of amorphous sucrose powder through spray drying. Journal of Food Engineering, 2009, 94, 144-153.	5.2	160
457	Fabrication of starch-based microparticles by an emulsification-crosslinking method. Journal of Food Engineering, 2009, 92, 250-254.	5.2	51
458	Effects of potato starch addition and cooling rate on rheological characteristics of flaxseed protein concentrate. Journal of Food Engineering, 2009, 91, 392-401.	5.2	12
459	Effect of water content on thermal behaviors of common buckwheat flour and starch. Journal of Food Engineering, 2009, 93, 242-248.	5.2	20
460	A modified cyclone stickiness test for characterizing food powders. Journal of Food Engineering, 2009, 94, 300-306.	5.2	11
461	Physical and Processing Characteristics of Extrudates Made from Starch andd-Limonene Mixtures. International Journal of Food Properties, 2009, 12, 482-495.	3.0	16
462	Confectionery Gels: A Review on Formulation, Rheological and Structural Aspects. International Journal of Food Properties, 2009, 12, 176-210.	3.0	115
463	Drying of Lemon Myrtle (Backhousia citriodora) Leaves: Retention of Volatiles and Color. Drying Technology, 2009, 27, 445-450.	3.1	66
464	Effects of High-Temperature Fluidized Bed Drying and Tempering on Kernel Cracking and Milling Quality of Vietnamese Rice Varieties. Drying Technology, 2009, 27, 486-494.	3.1	39
465	Effects of Incubation Temperature, Starter Culture Level and Total Solids Content on the Rheological Properties of Yogurt. International Journal of Food Engineering, 2009, 5, .	1.5	29
466	Application of the synthetic polymer approach to the glass transition of fruit leathers. Journal of Food Engineering, 2008, 86, 243-250.	5.2	10
467	A new method of producing date powder granules: Physicochemical characteristics of powder. Journal of Food Engineering, 2008, 87, 416-421.	5.2	83
468	Preparation of crosslinked starch microspheres and their drug loading and releasing properties. Carbohydrate Polymers, 2008, 74, 379-384.	10.2	91

#	Article	IF	Citations
469	Re-coalescence of emulsion droplets during high-energy emulsification. Food Hydrocolloids, 2008, 22, 1191-1202.	10.7	634
470	Encapsulation Efficiency of Food Flavours and Oils during Spray Drying. Drying Technology, 2008, 26, 816-835.	3.1	818
471	Spray Drying of Skim Milk Mixed with Milk Permeate: Effect on Drying Behavior, Physicochemical Properties, and Storage Stability of Powder. Drying Technology, 2008, 26, 239-247.	3.1	39
472	Optimization of the Microencapsulation of Lemon Myrtle Oil Using Response Surface Methodology. Drying Technology, 2008, 26, 357-368.	3.1	81
473	Impact of Caramelization on the Glass Transition Temperature of Several Caramelized Sugars. Part I: Chemical Analyses. Journal of Agricultural and Food Chemistry, 2008, 56, 5138-5147.	5.2	54
474	Impact of Caramelization on the Glass Transition Temperature of Several Caramelized Sugars. Part II: Mathematical Modeling. Journal of Agricultural and Food Chemistry, 2008, 56, 5148-5152.	5.2	12
475	Hydrocolloid Gel Particles: Formation, Characterization, and Application. Critical Reviews in Food Science and Nutrition, 2008, 48, 361-377.	10.3	297
476	Nano-particle encapsulation of fish oil by spray drying. Food Research International, 2008, 41, 172-183.	6.2	399
477	Optimization of Supercritical Carbon Dioxide Extraction of Flaxseed Oil Using Response Surface Methodology. International Journal of Food Engineering, 2008, 4, .	1.5	15
478	Ohmic Heating Behavior of Certain Selected Liquid Food Materials. International Journal of Food Engineering, 2008, 4, .	1.5	16
479	Prediction of Lactose Crystals Present in Supersaturated Lactose and Whey Solutions by Measuring the Water Activity. International Journal of Food Properties, 2007, 10, 163-171.	3.0	5
480	Effectiveness of encapsulating biopolymers to produce sub-micron emulsions by high energy emulsification techniques. Food Research International, 2007, 40, 862-873.	6.2	94
481	Water sorption and glass transition properties of spray dried lactose hydrolysed skim milk powder. LWT - Food Science and Technology, 2007, 40, 1593-1600.	5.2	110
482	Effect of high power ultrasound and ageing on the physical properties of bovine Semitendinosus and Longissimus muscles. Meat Science, 2007, 75, 628-639.	5.5	206
483	Use of solute fixed coordinate system and method of lines for prediction of drying kinetics and surface stickiness of single droplet during convective drying. Chemical Engineering and Processing: Process Intensification, 2007, 46, 405-419.	3.6	30
484	Role of Powder Particle Size on the Encapsulation Efficiency of Oils during Spray Drying. Drying Technology, 2007, 25, 1081-1089.	3.1	88
485	Encapsulation of Nanoparticles of d-Limonene by Spray Drying: Role of Emulsifiers and Emulsifying Techniques. Drying Technology, 2007, 25, 1069-1079.	3.1	165
486	Aggregation of Rennet-Altered Casein Micelles at Low Temperatures. Journal of Agricultural and Food Chemistry, 2007, 55, 3120-3126.	5.2	37

#	Article	IF	Citations
487	Glass Transition Behavior of Spray Dried Orange Juice Powder Measured by Differential Scanning Calorimetry (DSC) and Thermal Mechanical Compression Test (TMCT). International Journal of Food Properties, 2007, 10, 661-673.	3.0	157
488	Effect of protein concentration on the surface composition, water sorption and glass transition temperature of spray-dried skim milk powders. Food Chemistry, 2007, 104, 1436-1444.	8.2	115
489	Development of stickiness of whey protein isolate and lactose droplets during convective drying. Chemical Engineering and Processing: Process Intensification, 2007, 46, 420-428.	3.6	72
490	Instrumentation and testing of a thermal mechanical compression test for glassâ€“rubber transition analysis of food powders. Journal of Food Engineering, 2007, 78, 1333-1342.	5.2	47
491	Study of glass transition and enthalpy relaxation of mixtures of amorphous sucrose and amorphous tapioca starch syrup solid by differential scanning calorimetry (DSC). Journal of Food Engineering, 2007, 81, 599-610.	5.2	43
492	Production of sub-micron emulsions by ultrasound and microfluidization techniques. Journal of Food Engineering, 2007, 82, 478-488.	5.2	425
493	Optimization of nano-emulsions production by microfluidization. European Food Research and Technology, 2007, 225, 733-741.	3.3	267
494	Effect of surface tension and viscosity on the surface stickiness of carbohydrate and protein solutions. Journal of Food Engineering, 2007, 79, 1136-1143.	5.2	70
495	Keeping quality of dairy ingredients. Dairy Science and Technology, 2007, 87, 481-488.	0.9	48
496	Stickiness and Caking in Food Preservation. Food Additives, 2007, , 387-401.	0.1	2
497	Nano-Emulsion Production by Sonication and Microfluidizationâ€”A Comparison. International Journal of Food Properties, 2006, 9, 475-485.	3.0	466
498	Glass Transition and Enthalpy Relaxation of Amorphous Food Saccharides:â€‰ A Review. Journal of Agricultural and Food Chemistry, 2006, 54, 5701-5717.	5.2	171
499	In vitro antibacterial activity of Australian native herb extracts against food-related bacteria. Food Control, 2006, 17, 929-932.	5.5	51
500	Extrusion of mixtures of starch and d-limonene encapsulated with Î²-cyclodextrin: Flavour retention and physical properties. Food Research International, 2006, 39, 318-331.	6.2	93
501	Survival of probiotics encapsulated in chitosan-coated alginate beads in yoghurt from UHT- and conventionally treated milk during storage. LWT - Food Science and Technology, 2006, 39, 177-183.	5.2	158
502	Effect of extrusion parameters on flavour retention, functional and physical properties of mixtures of starch and d-limonene encapsulated in milk protein. International Journal of Food Science and Technology, 2006, 41, 83-94.	2.7	36
503	Applications of the Cyclone Stickiness Test for Characterization of Stickiness in Food Powders. Drying Technology, 2006, 24, 703-709.	3.1	22
504	Fluidization Characteristics of Moist Food Particles. International Journal of Food Engineering, 2006, 2, .	1.5	10

#	Article	IF	Citations
505	Thin-Layer Isothermal Drying of Fructose, Maltodextrin, and Their Mixture Solutions. Drying Technology, 2006, 24, 1415-1424.	3.1	6
506	Applications of Thermal Mechanical Compression Tests in Food Powder Analysis. International Journal of Food Properties, 2006, 9, 127-134.	3.0	14
507	A glass transition temperature approach for the prediction of the surface stickiness of a drying droplet during spray drying. Powder Technology, 2005, 149, 168-179.	4.2	105
508	MODELING DIMENSIONAL SHRINKAGE OF SHAPED FOODS IN FLUIDIZED BED DRYING. Journal of Food Processing and Preservation, 2005, 29, 109-119.	2.0	27
509	Optimization of co-current spray drying process of sugar-rich foods. Part Iâ€"Moisture and glass transition temperature profile during drying. Journal of Food Engineering, 2005, 71, 55-65.	5.2	121
510	Optimization of cocurrent spray drying process for sugar-rich foods. Part Iiâ€"Optimization of spray drying process based on glass transition concept. Journal of Food Engineering, 2005, 71, 66-72.	5.2	47
511	Comparison of Gelation Profile of Yoghurts During Fermentation Measured by Rva and Ultrasonic Spectroscopy. International Journal of Food Properties, 2005, 8, 193-198.	3.0	10
512	Measurement of Glassâ€"Rubber Transition Temperature of Skim Milk Powder by Static Mechanical Test. Drying Technology, 2005, 23, 1499-1514.	3.1	27
513	Relating the Stickiness Property of Foods Undergoing Drying and Dried Products to their Surface Energetics. Drying Technology, 2005, 23, 781-797.	3.1	86
514	Methods of Detecting Fouling Caused by Heating of Milk. Food Reviews International, 2005, 21, 267-293.	8.4	33
515	A Laboratory Experiment, Based on the Maillard Reaction, Conducted as a Project in Introductory Statistics. Journal of Food Science Education, 2005, 4, 70-75.	1.0	4
516	Friction Factors and Rheological Behavior of Australian Honey in a Straight Pipe. International Journal of Food Properties, 2004, 7, 393-405.	3.0	9
517	Glass transition behaviour of fructose. International Journal of Food Science and Technology, 2004, 39, 569-578.	2.7	23
518	DYNAMIC AND STEADYâ€STATE RHEOLOGY OF AUSTRALIAN HONEYS AT SUBZERO TEMPERATURES. Journal of Food Process Engineering, 2004, 27, 284-309.	2.9	29
519	Effect of addition of maltodextrin on drying kinetics and stickiness of sugar and acid-rich foods during convective drying: experiments and modelling. Journal of Food Engineering, 2004, 62, 53-68.	5.2	182
520	Stickiness measurement techniques for food powders: a review. Powder Technology, 2004, 145, 34-46.	4.2	158
521	Effect of High Power Ultrasound Waves on Properties of Meat: A Review. International Journal of Food Properties, 2004, 7, 301-319.	3.0	199
522	The influence of coating materials on some properties of alginate beads and survivability of microencapsulated probiotic bacteria. International Dairy Journal, 2004, 14, 737-743.	3.0	405

#	Article	IF	Citations
523	Effect of honey types and concentration on starch gelatinization. LWT - Food Science and Technology, 2004, 37, 161-170.	5.2	11
524	Application of Microencapsulated Flavor to Extrusion Product. Food Reviews International, 2004, 20, 163-185.	8.4	37
525	Crystallisation and moisture sorption properties of selected Australian unifloral honeys. Journal of the Science of Food and Agriculture, 2003, 83, 884-888.	3.5	10
526	Dissolution of sucrose crystals in the anhydrous sorbitol melt. Carbohydrate Research, 2003, 338, 361-367.	2.3	34
527	Application of the Williamsâ€“Landelâ€“Ferry model to the viscosityâ€“temperature relationship of Australian honeys. Journal of Food Engineering, 2003, 56, 67-75.	5.2	106
528	In situ characterization of stickiness of sugar-rich foods using a linear actuator driven stickiness testing device. Journal of Food Engineering, 2003, 58, 11-22.	5.2	43
529	Influence of shapes of selected vegetable materials on drying kinetics during fluidized bed drying. Journal of Food Engineering, 2003, 58, 277-283.	5.2	240
530	Surface Stickiness of Drops of Carbohydrate and Organic Acid Solutions During Convective Drying: Experiments and Modeling. Drying Technology, 2003, 21, 839-873.	3.1	82
531	Estimation of crystalline phase present in the glucose crystalâ€“solution mixture by water activity measurement. LWT - Food Science and Technology, 2003, 36, 729-733.	5.2	12
532	Evaluation of encapsulation techniques of probiotics for yoghurt. International Dairy Journal, 2003, 13, 3-13.	3.0	641
533	Determination of Viscosity of Some Australian Honeys Based on Composition. International Journal of Food Properties, 2003, 6, 87-97.	3.0	23
534	Characterization of the Surface Stickiness of Fructoseâ€“Maltodextrin Solutions During Drying. Drying Technology, 2003, 21, 17-34.	3.1	54
535	Application of a simplified method based on regular regime approach to determine the effective moisture diffusivity of mixture of low molecular weight sugars and maltodextrin during desorption. Journal of Food Engineering, 2002, 54, 157-165.	5.2	32
536	Co-crystallization of Sucrose at High Concentration in the Presence of Glucose and Fructose. Journal of Food Science, 2002, 67, 1797-1802.	3.1	62
537	Physical Aging of Amorphous Fructose. Journal of Food Science, 2002, 67, 3011-3018.	3.1	8
538	STICKINESS IN FOODS: A REVIEW OF MECHANISMS AND TEST METHODS. International Journal of Food Properties, 2001, 4, 1-33.	3.0	272
539	Flavour retention during high temperature short time extrusion cooking process: a review. International Journal of Food Science and Technology, 2001, 36, 453-461.	2.7	70
540	Evaluation of Various Extraction Methods of Encapsulated Oil from Î² -Cyclodextrin-Lemon Oil Complex Powder. Journal of Food Composition and Analysis, 2000, 13, 59-70.	3.9	36

#	Article	IF	Citations
541	Physical Properties and Fluidization Behaviour of Fresh Green Bean Particulates During Fluidized Bed Drying. Food and Bioproducts Processing, 2000, 78, 43-47.	3.6	19
542	METHODS FOR EFFECTIVE FLUIDIZATION OF PARTICULATE FOOD MATERIALS. Drying Technology, 2000, 18, 1537-1557.	3.1	24
543	Use of an Arrhenius Model to Predict Rheological Behaviour in some Australian Honeys. LWT - Food Science and Technology, 2000, 33, 545-552.	5.2	86
544	Experimental studies and kinetics of single drop drying and their relevance in drying of sugarâ€rich foods: A review. International Journal of Food Properties, 2000, 3, 323-351.	3.0	60
545	Implication of glass transition for the drying and stability of dried foods. Journal of Food Engineering, 1999, 40, 71-79.	5.2	505
546	Rheology of selected Australian honeys. Journal of Food Engineering, 1999, 41, 65-68.	5.2	89
547	Encapsulation of Lemon Oil by Paste Method Using Î²-Cyclodextrin:Â Encapsulation Efficiency and Profile of Oil Volatiles. Journal of Agricultural and Food Chemistry, 1999, 47, 5194-5197.	5.2	109
548	Rheology and crystallization kinetics of honey: Present status. International Journal of Food Properties, 1999, 2, 217-226.	3.0	56
549	Co-crystallization of Honey with Sucrose. LWT - Food Science and Technology, 1998, 31, 138-142.	5.2	53
550	Lemon Oil to Î²-Cyclodextrin Ratio Effect on the Inclusion Efficiency of Î²-Cyclodextrin and the Retention of Oil Volatiles in the Complex. Journal of Agricultural and Food Chemistry, 1998, 46, 1494-1499.	5.2	109
551	Problems Associated With Spray Drying Of Sugar-Rich Foods. Drying Technology, 1997, 15, 671-684.	3.1	476
552	A SEMI-EMPIRICAL APPROACH TO OPTIMISE THE QUANTITY OF DRYING AIDS REQUIRED TO SPRAY DRY SUGAR-RICH FOODS. Drying Technology, 1997, 15, 2509-2525.	3.1	159
553	SPRAY DRYING OF CONCENTRATED FRUIT JUICES. Drying Technology, 1993, 11, 1081-1092.	3.1	228
554	Flavor Encapsulation by Spray Drying: Application to Citral and Linalyl Acetate. Journal of Food Science, 1992, 57, 217-221.	3.1	207
555	Cheese: Importance and Introduction to Basic Technologies. Journal of Food Science and Technology Nepal, 0, 11, 14-24.	0.2	5
556	Analytical model for the prediction of glass transition temperature of food systems. , 0, , 31-47.		7