

# Yacine Hemar

## List of Publications by Year in descending order

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136  
papers

5,809  
citations

71102

41  
h-index

91884

69  
g-index

139  
all docs

139  
docs citations

139  
times ranked

6539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano- and micro-structured assemblies for encapsulation of food ingredients. <i>Chemical Society Reviews</i> , 2009, 38, 902-912.	38.1	521
2	Antitumor activity of mushroom polysaccharides: a review. <i>Food and Function</i> , 2012, 3, 1118.	4.6	370
3	Recent advances in the characterisation of heat-induced aggregates and intermediates of whey proteins. <i>Trends in Food Science and Technology</i> , 2002, 13, 262-274.	15.1	213
4	Inactivation of microorganisms by low-frequency high-power ultrasound: 1. Effect of growth phase and capsule properties of the bacteria. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 446-453.	8.2	182
5	Dilatant Flow of Concentrated Suspensions of Rough Particles. <i>Physical Review Letters</i> , 2005, 95, 268302.	7.8	166
6	Synergistic effects of polyglycerol ester of polyricinoleic acid and sodium caseinate on the stabilisation of water-in-oil-in-water emulsions. <i>Food Hydrocolloids</i> , 2006, 20, 261-268.	10.7	146
7	Structure-mechanical property correlations of hydrogel forming $\beta$ -sheet peptides. <i>Chemical Society Reviews</i> , 2016, 45, 4797-4824.	38.1	135
8	Inactivation of bacteria and yeast using high-frequency ultrasound treatment. <i>Water Research</i> , 2014, 60, 93-104.	11.3	109
9	The effect of ultrasound on particle size, color, viscosity and polyphenol oxidase activity of diluted avocado puree. <i>Ultrasonics Sonochemistry</i> , 2015, 27, 567-575.	8.2	105
10	Encapsulation of Resveratrol Using Water-in-Oil-in-Water Double Emulsions. <i>Food Biophysics</i> , 2010, 5, 120-127.	3.0	104
11	Antibacterial and antioxidant activities of aqueous extracts of eight edible mushrooms. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2014, 3, 41-51.	2.7	102
12	Inactivation of microorganisms by low-frequency high-power ultrasound: 2. A simple model for the inactivation mechanism. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 454-460.	8.2	99
13	Improvement of the rheological and textural properties of calcium sulfate-induced soy protein isolate gels by the incorporation of different polysaccharides. <i>Food Chemistry</i> , 2020, 310, 125983.	8.2	91
14	Rheological investigations of the interactions between starch and milk proteins in model dairy systems: A review. <i>Food Hydrocolloids</i> , 2011, 25, 2008-2017.	10.7	90
15	Nonlinear Behavior of Gelatin Networks Reveals a Hierarchical Structure. <i>Biomacromolecules</i> , 2016, 17, 590-600.	5.4	88
16	Quantification of high-power ultrasound induced damage on potato starch granules using light microscopy. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 421-426.	8.2	80
17	Effect of high-pressure treatment on normal rice and waxy rice starch-in-water suspensions. <i>Carbohydrate Polymers</i> , 2008, 73, 332-343.	10.2	78
18	Impact of pressure on physicochemical properties of starch dispersions. <i>Food Hydrocolloids</i> , 2017, 68, 164-177.	10.7	74

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19	Physical and rheological properties of fish gelatin gel as influenced by $\lambda$ -carrageenan. Food Bioscience, 2017, 20, 88-95.	4.4	68
20	Effect of milk protein products on the rheological and thermal (DSC) properties of normal rice starch and waxy rice starch. Food Hydrocolloids, 2008, 22, 174-183.	10.7	66
21	Structuring dairy systems through high pressure processing. Journal of Food Engineering, 2013, 114, 106-122.	5.2	64
22	Investigation into the interaction between resveratrol and whey proteins using fluorescence spectroscopy. International Journal of Food Science and Technology, 2011, 46, 2137-2144.	2.7	62
23	Interfacial compositions, microstructures and properties of oil-in-water emulsions formed with mixtures of milk proteins and $\lambda$ -carrageenan: 1. Sodium caseinate. Food Hydrocolloids, 2003, 17, 539-548.	10.7	60
24	High-definition spatiotemporal mapping of contractile activity in the isolated proximal colon of the rabbit. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2008, 178, 257-268.	1.5	60
25	Non-targeted analysis by LC-MS of major metabolite changes during the oolong tea manufacturing in New Zealand. Food Chemistry, 2014, 151, 394-403.	8.2	59
26	In situ study starch gelatinization under ultra-high hydrostatic pressure using synchrotron SAXS. Food Hydrocolloids, 2016, 56, 58-61.	10.7	56
27	Viscosity and hydrodynamic radius relationship of high-power ultrasound depolymerised starch pastes with different amylose content. Food Hydrocolloids, 2016, 52, 183-191.	10.7	56
28	Rheological and Light Scattering Properties of Flaxseed Polysaccharide Aqueous Solutions. Biomacromolecules, 2006, 7, 3098-3103.	5.4	53
29	High definition mapping of circular and longitudinal motility in the terminal ileum of the brushtail possum Trichosurus vulpecula with watery and viscous perfusates. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2007, 177, 543-556.	1.5	52
30	Effect of calcium sequestration by ion-exchange treatment on the dissociation of casein micelles in model milk protein concentrates. Food Hydrocolloids, 2016, 60, 59-66.	10.7	52
31	Effect of high hydrostatic pressure on the supramolecular structure of corn starch with different amylose contents. International Journal of Biological Macromolecules, 2016, 85, 604-614.	7.5	52
32	Analysis of metabolic markers of tea origin by UHPLC and high resolution mass spectrometry. Food Research International, 2013, 53, 827-835.	6.2	51
33	Inactivation of Enterobacter aerogenes in reconstituted skim milk by high- and low-frequency ultrasound. Ultrasonics Sonochemistry, 2014, 21, 2099-2106.	8.2	51
34	Interfacial compositions, microstructure and stability of oil-in-water emulsions formed with mixtures of milk proteins and $\lambda$ -carrageenan: 2. Whey protein isolate (WPI). Food Hydrocolloids, 2003, 17, 549-561.	10.7	50
35	In situ study of maize starch gelatinization under ultra-high hydrostatic pressure using X-ray diffraction. Carbohydrate Polymers, 2013, 97, 235-238.	10.2	47
36	Non-targeted analysis of tea by hydrophilic interaction liquid chromatography and high resolution mass spectrometry. Food Chemistry, 2012, 134, 1616-1623.	8.2	46

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37	Self-Assembled Micelles Based on OSA-Modified Starches for Enhancing Solubility of $\beta$ -Carotene: Effect of Starch Macromolecular Architecture. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6614-6624.	5.2	46
38	Effect of sonication, microwaves and high-pressure processing on ACE-inhibitory activity and antioxidant potential of Cheddar cheese during ripening. <i>Ultrasonics Sonochemistry</i> , 2020, 67, 105140.	8.2	46
39	Periodic fluid extrusion and models of digesta mixing in the intestine of a herbivore, the common brushtail possum ( <i>Trichosurus vulpecula</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2005, 175, 337-347.	1.5	44
40	Dynamic rheological properties of plant cell-wall particle dispersions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 461-467.	5.0	44
41	Incorporation of thermal overlap effects into multiple scattering theory. <i>Journal of the Acoustical Society of America</i> , 1999, 105, 915-918.	1.1	42
42	Control of Morphological and Rheological Properties of Carrot Cell Wall Particle Dispersions through Processing. <i>Food and Bioprocess Technology</i> , 2010, 3, 928-934.	4.7	42
43	Colour change and proteolysis of skim milk during high pressure thermal processing. <i>Journal of Food Engineering</i> , 2015, 147, 102-110.	5.2	42
44	Effect of NaCl and CaCl <sub>2</sub> concentration on the rheological and structural characteristics of thermally-induced quinoa protein gels. <i>Food Hydrocolloids</i> , 2022, 124, 107350.	10.7	42
45	Rheological and structural characterization of acidified skim milks and infant formulae made from cow and goat milk. <i>Food Hydrocolloids</i> , 2019, 96, 161-170.	10.7	41
46	Supramolecular structure of high hydrostatic pressure treated quinoa and maize starches. <i>Food Hydrocolloids</i> , 2019, 92, 276-284.	10.7	38
47	Effect of amyloglucosidase hydrolysis on the multi-scale supramolecular structure of corn starch. <i>Carbohydrate Polymers</i> , 2019, 212, 40-50.	10.2	38
48	Influence of Polysaccharides on the Rate of Coalescence in Oil-in-Water Emulsions Formed with Highly Hydrolyzed Whey Proteins. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5491-5498.	5.2	36
49	Investigation on the pitting of potato starch granules during high frequency ultrasound treatment. <i>Ultrasonics Sonochemistry</i> , 2017, 35, 547-555.	8.2	35
50	Flavonoid-Rich Extract of <i>Actinidia macrosperma</i> (A Wild Kiwifruit) Inhibits Angiotensin-Converting Enzyme In Vitro. <i>Foods</i> , 2018, 7, 146.	4.3	35
51	Dynamic Rheological and Microstructural Properties of Normal and Waxy Rice Starch Gels Containing Milk Protein Ingredients. <i>Starch/Staerke</i> , 2009, 61, 214-227.	2.1	34
52	Monitoring tea fermentation/manufacturing by direct analysis in real time (DART) mass spectrometry. <i>Food Chemistry</i> , 2013, 141, 2060-2065.	8.2	33
53	Chemical modification of New Zealand hoki ( <i>Macruronus novaezelandiae</i> ) skin gelatin and its properties. <i>Food Chemistry</i> , 2014, 155, 64-73.	8.2	33
54	Effect of partial acidification on the ultrafiltration and diafiltration of skim milk: Physico-chemical properties of the resulting milk protein concentrates. <i>Journal of Food Engineering</i> , 2017, 212, 55-64.	5.2	33

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55	Viscosity, Swelling and Starch Leaching During the Early Stages of Pasting of Normal and Waxy Rice Starch Suspensions Containing Different Milk Protein Ingredients. <i>Starch/Staerke</i> , 2007, 59, 379-387.	2.1	31
56	Conjugation of Bovine Serum Albumin and Glucose under Combined High Pressure and Heat. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 3915-3923.	5.2	31
57	Small-deformation rheology investigation of rehydrated cell wall particlesâ€“xanthan mixtures. <i>Food Hydrocolloids</i> , 2011, 25, 668-676.	10.7	31
58	HPLCâ€“MS/MS profiling of proanthocyanidins in teas: A comparative study. <i>Journal of Food Composition and Analysis</i> , 2012, 26, 43-51.	3.9	31
59	Rheological characteristics of EVA modified bitumen and their correlations with bitumen concrete properties. <i>Construction and Building Materials</i> , 2013, 48, 1202-1208.	7.2	31
60	Production of bioactive proteins and peptides from the diatom <i>Nitzschia laevis</i> and comparison of their <i>in vitro</i> antioxidant activities with those from <i>Spirulina platensis</i> and <i>Chlorella vulgaris</i> . <i>International Journal of Food Science and Technology</i> , 2018, 53, 676-682.	2.7	31
61	Effects of skim milk pre-acidification and retentate pH-restoration on spray-drying performance, physico-chemical and functional properties of milk protein concentrates. <i>Food Chemistry</i> , 2019, 272, 539-548.	8.2	31
62	Optimization of gelatine gel preparation from New Zealand hoki ( <i>Macrurus novaezelandiae</i> ) skins and the effect of transglutaminase enzyme on the gel properties. <i>Food Hydrocolloids</i> , 2013, 31, 204-209.	10.7	30
63	Effect of different starches on rheological and microstructural properties of (I) model processed cheese. <i>International Journal of Food Science and Technology</i> , 2008, 43, 2191-2196.	2.7	29
64	Purification and characterisation of a protease (tamarillin) from tamarillo fruit. <i>Food Chemistry</i> , 2018, 256, 228-234.	8.2	29
65	Formation and characterisation of high-internal-phase emulsions stabilised by high-pressure homogenised quinoa protein isolate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 631, 127688.	4.7	29
66	Flocculation and coalescence of droplets in oil-in-water emulsions formed with highly hydrolysed whey proteins as influenced by starch. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 38, 1-9.	5.0	28
67	A diffusing wave spectroscopy study of the kinetics of Ostwald ripening in protein-stabilised oil/water emulsions. <i>Colloids and Surfaces B: Biointerfaces</i> , 1999, 12, 239-246.	5.0	26
68	Acid-induced aggregation and gelation of natural rubber latex particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 9-17.	4.7	26
69	Battacin-Inspired Ultrashort Peptides: Nanostructure Analysis and Antimicrobial Activity. <i>Biomacromolecules</i> , 2019, 20, 2515-2529.	5.4	25
70	Solubilisation of micellar casein powders by high-power ultrasound. <i>Ultrasonics Sonochemistry</i> , 2020, 67, 105131.	8.2	25
71	Viscoelastic behaviour aids extrusion from and reabsorption of the liquid phase into the digesta plug: creep rheometry of hindgut digesta in the common brushtail possum <i>Trichosurus vulpecula</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2006, 176, 469-475.	1.5	24
72	The physicochemical properties of a new class of anticancer fungal polysaccharides: A comparative study. <i>Carbohydrate Polymers</i> , 2013, 97, 177-187.	10.2	24

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73	Gelatin-Based Nanocomposites: A Review. <i>Polymer Reviews</i> , 2021, 61, 765-813.	10.9	24
74	Relationship Between the Pasting Behaviour and the Phosphorus Content of Different Potato Starches. <i>Starch/Staerke</i> , 2007, 59, 149-155.	2.1	23
75	Zooming in: Structural Investigations of Rheologically Characterized Hydrogen-Bonded Low-Methoxyl Pectin Networks. <i>Biomacromolecules</i> , 2015, 16, 3209-3216.	5.4	23
76	In situ study of skim milk structure changes under high hydrostatic pressure using synchrotron SAXS. <i>Food Hydrocolloids</i> , 2018, 77, 772-776.	10.7	23
77	Modification of the structural and rheological properties of whey protein/gelatin mixtures through high pressure processing. <i>Food Chemistry</i> , 2014, 156, 243-249.	8.2	22
78	Rheological and structural properties of coagulated milks reconstituted in D2O: Comparison between rennet and a tamarillo enzyme (tamarillin). <i>Food Hydrocolloids</i> , 2018, 79, 170-178.	10.7	22
79	Interfacial Structures of Droplet-Stabilized Emulsions Formed with Whey Protein Microgel Particles as Revealed by Small- and Ultra-Small-Angle Neutron Scattering. <i>Langmuir</i> , 2019, 35, 12017-12027.	3.5	22
80	Extraction of tetracycline in food samples using biochar microspheres prepared by a Pickering emulsion method. <i>Food Chemistry</i> , 2020, 329, 127162.	8.2	22
81	Investigating linear and nonlinear viscoelastic behaviour and microstructures of gelatin-multiwalled carbon nanotube composites. <i>RSC Advances</i> , 2015, 5, 107916-107926.	3.6	21
82	Effect of different starches on rheological and microstructural properties of (II) commercial processed cheese. <i>International Journal of Food Science and Technology</i> , 2008, 43, 2197-2203.	2.7	20
83	Size reduction of reformulated casein micelles by high-power ultrasound and high hydrostatic pressure. <i>Ultrasonics Sonochemistry</i> , 2020, 63, 104929.	8.2	20
84	Effect of high pressure processing on rheological and structural properties of milk-gelatin mixtures. <i>Food Chemistry</i> , 2013, 141, 1328-1334.	8.2	19
85	Protease activity of enzyme extracts from tamarillo fruit and their specific hydrolysis of bovine caseins. <i>Food Research International</i> , 2018, 109, 380-386.	6.2	19
86	Characteristics and Properties of Gelatin from Seabass ( <i>Lateolabrax niloticus</i> ) Swim Bladder : Impact of Extraction Temperatures. <i>Waste and Biomass Valorization</i> , 2018, 9, 315-325.	3.4	19
87	Improvement of calcium sulfate-induced gelation of soy protein via incorporation of soy oil before and after thermal denaturation. <i>LWT - Food Science and Technology</i> , 2020, 117, 108690.	5.2	19
88	The effect of transglutaminase treatment on the physico-chemical properties of skim milk with added ethylenediaminetetraacetic acid. <i>Food Hydrocolloids</i> , 2017, 69, 329-340.	10.7	18
89	Electrostatic Interactions in Adsorbed Protein Layers Probed by a Sedimentation Technique. <i>Journal of Colloid and Interface Science</i> , 1998, 206, 138-145.	9.4	17
90	Multiple Particle Tracking Investigations of Acid Milk Gels Using Tracer Particles with Designed Surface Chemistries and Comparison with Diffusing Wave Spectroscopy Studies. <i>Langmuir</i> , 2009, 25, 11827-11834.	3.5	15

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91	Physical and sensory properties of gelatin from seabass ( <i>Lates calcarifer</i> ) as affected by agar and carrageenan. <i>Journal of Texture Studies</i> , 2018, 49, 47-55.	2.5	15
92	Molecular characterization of the $\beta$ -lactoglobulin conjugated with fluorescein isothiocyanate: Binding sites and structure changes as function of pH. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 377-383.	7.5	15
93	How much can we trust polysorbates as food protein stabilizers - The case of bovine casein. <i>Food Hydrocolloids</i> , 2019, 96, 81-92.	10.7	15
94	Low frequency ultrasound inactivation of thermophilic bacilli ( <i>Geobacillus</i> spp. and <i>Anoxybacillus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Sonochemistry, 2019, 51, 325-331.	8.2	15
95	Prospecting the applications and discovery of peptide hydrogels in food. <i>Trends in Food Science and Technology</i> , 2020, 104, 37-48.	15.1	15
96	The effect of high hydrostatic pressure on the flow behaviour of skim milk-gelatin mixtures. <i>Innovative Food Science and Emerging Technologies</i> , 2010, 11, 432-440.	5.6	14
97	Calcium Phosphates in Ca <sup>2+</sup> -Fortified Milk: Phase Identification and Quantification by Raman Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 12223-12228.	5.2	14
98	Membrane-based fractionation, enzymatic dephosphorylation, and gastrointestinal digestibility of $\beta$ -casein enriched serum protein ingredients. <i>Food Hydrocolloids</i> , 2019, 88, 1-12.	10.7	14
99	Probing the conjugation of epigallocatechin gallate with $\beta$ -lactoglobulin and its <i>in vivo</i> desensitization efficiency. <i>Food and Function</i> , 2021, 12, 11343-11350.	4.6	14
100	Segregative phase separation in agarose/whey protein systems induced by sequence-dependent trapping and change in pH. <i>Carbohydrate Polymers</i> , 2012, 87, 2100-2108.	10.2	13
101	Biochemical and physico-chemical changes of skim milk during acidification with glucono- $\delta$ -lactone and hydrogen chloride. <i>Food Hydrocolloids</i> , 2017, 66, 99-109.	10.7	13
102	Multifunctional thermoresponsive designer peptide hydrogels. <i>Acta Biomaterialia</i> , 2017, 47, 40-49.	8.3	13
103	Relationships between supramolecular organization and amylopectin fine structure of quinoa starch. <i>Food Hydrocolloids</i> , 2021, 117, 106685.	10.7	13
104	Retrogradation of Maize Starch after High Hydrostatic Pressure Gelation: Effect of Amylose Content and Depressurization Rate. <i>PLoS ONE</i> , 2016, 11, e0156061.	2.5	12
105	Rheological and sensory properties of fish gelatin gels as influenced by agar from <i>Gracilaria tenuistipitata</i> . <i>International Journal of Food Science and Technology</i> , 2016, 51, 1530-1536.	2.7	12
106	Supramolecular Threading of Peptide Hydrogel Fibrils. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2733-2738.	5.2	12
107	Glycerol induced stability enhancement and conformational changes of $\beta$ -lactoglobulin. <i>Food Chemistry</i> , 2020, 308, 125596.	8.2	12
108	A theoretical and experimental investigation of the effect of sodium dodecyl sulfate on the structural and conformational properties of bovine $\beta$ -casein. <i>Soft Matter</i> , 2019, 15, 1551-1561.	2.7	11

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109	Effects of particle size and aging of milk protein concentrate on the biophysical properties of an intermediate-moisture model food system. <i>Food Bioscience</i> , 2020, 37, 100698.	4.4	11
110	Effect of genipin cross-linking on the structural features of skim milk in the presence of ethylenediaminetetraacetic acid (EDTA). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125174.	4.7	11
111	Structural features of a novel polysaccharide isolated from a New Zealand Maori mushroom <i>Illocladonia cibarium</i> . <i>Carbohydrate Research</i> , 2015, 406, 19-26.	2.3	10
112	Understanding the metal mediated assembly and hydrogel formation of a $\beta$ -hairpin peptide. <i>Biomaterials Science</i> , 2017, 5, 1993-1997.	5.4	10
113	Enzymatic formation of galactooligosaccharides in goat milk. <i>Food Bioscience</i> , 2018, 26, 38-41.	4.4	10
114	The effect of transglutaminase on reconstituted skim milks at alkaline pH. <i>Food Hydrocolloids</i> , 2018, 85, 10-20.	10.7	10
115	Insights on the structure of caseinate particles based on surfactants-induced dissociation. <i>Food Hydrocolloids</i> , 2020, 104, 105766.	10.7	10
116	Small-angle X-ray scattering (SAXS) and small-angle neutron scattering (SANS) study on the structure of sodium caseinate in dispersions and at the oil-water interface: Effect of calcium ions. <i>Food Structure</i> , 2022, 32, 100276.	4.5	10
117	Phase stability-induced complex rheological behaviour of galactomannan and maltodextrin mixtures. <i>Food and Function</i> , 2013, 4, 627.	4.6	9
118	Unveiling the structure of the primary caseinate particle using small-angle X-ray scattering and simulation methodologies. <i>Food Research International</i> , 2021, 149, 110653.	6.2	9
119	Supramolecular structure of quinoa starch affected by nonenyl succinic anhydride (NSA) substitution. <i>International Journal of Biological Macromolecules</i> , 2022, 218, 181-189.	7.5	9
120	Effect of temperature and pH on the properties of skim milk gels made from a tamarillo ( <i>Cyphomandra</i> ) Tj ETQqO 0,0 rgBT /Oyerlock 10	3.4	8
121	Effect of transglutaminase and acidification temperature on the gelation of reconstituted skim milk. <i>International Dairy Journal</i> , 2019, 92, 59-68.	3.0	8
122	Shear localisation in stirred yoghurt. <i>Rheologica Acta</i> , 2010, 49, 371-379.	2.4	7
123	Effect of porous waxy rice starch addition on acid milk gels: Structural and physicochemical functionality. <i>Food Hydrocolloids</i> , 2020, 109, 106092.	10.7	7
124	Formation by high power ultrasound of aggregated emulsions stabilised with milk protein concentrate (MPC70). <i>Ultrasonics Sonochemistry</i> , 2021, 81, 105852.	8.2	7
125	Viscosity, size, structural and interfacial properties of sodium caseinate obtained from A2 milk. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126163.	4.7	6
126	Prediction of dairy powder functionality attributes using diffuse reflectance in the visible and near infrared (Vis-NIR) region. <i>International Dairy Journal</i> , 2021, 117, 104981.	3.0	6



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127	Assessment of Bioactive Potential of Aqueous Protein Extracts from Diatoms <i>Nitzschia laevis</i> , <i>Spirulina platensis</i> , and <i>Chlorella vulgaris</i> . <i>Journal of Aquatic Food Product Technology</i> , 2019, 28, 177-193.	1.4	5
128	In-situ SAXS investigation of high-pressure triglyceride polymorphism in milk cream and anhydrous milk fat. <i>LWT - Food Science and Technology</i> , 2021, 135, 110174.	5.2	5
129	In-flow SAXS investigation of whey protein isolate hydrolyzed by bromelain. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 631, 127662.	4.7	5
130	Towards polysaccharide handles for single molecule experiments: Spectroscopic evidence for the selective covalent coupling of terminal sugar residues to desired substrates. <i>Carbohydrate Polymers</i> , 2011, 86, 105-111.	10.2	4
131	Facilitating high-force single-polysaccharide stretching using covalent attachment of one end of the chain. <i>Carbohydrate Polymers</i> , 2012, 87, 806-815.	10.2	4
132	Effects of pasteurization, microfiltration, and ultraviolet-c treatments on microorganisms and bioactive proteins in bovine skim milk. <i>Food Bioscience</i> , 2021, 43, 101339.	4.4	4
133	Computer Simulation of Diffusing-Wave Spectroscopy of Colloidal Dispersions and Particle Gels. <i>Langmuir</i> , 2000, 16, 5856-5863.	3.5	3
134	Ultrasonic Inactivation of Microorganisms. , 2016, , 1355-1381.		3
135	A Chemometric Analysis of Compounds from Native New Zealand Medicinal Flora. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1117-1127.	3.3	3
136	Ultrasonic Inactivation of Microorganisms. , 2015, , 1-27.		0