

pH-dependent emulsifying properties of pea [*Pisum sat*]

Food Hydrocolloids

33, 309-319

DOI: [10.1016/j.foodhyd.2013.04.005](https://doi.org/10.1016/j.foodhyd.2013.04.005)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Emulsifying and Interfacial Properties of Vicilins: Role of Conformational Flexibility at Quaternary and/or Tertiary Levels. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 11140-11150.	2.4	73
2	Review: bio-based films from zein, keratin, pea, and rapeseed protein feedstocks. <i>Journal of Materials Science</i> , 2014, 49, 1915-1930.	1.7	83
3	Pea protein exhibits a novel Pickering stabilization for oil-in-water emulsions at pH 3.0. <i>LWT - Food Science and Technology</i> , 2014, 58, 463-469.	2.5	144
4	Study of the functional properties of canola protein concentrates and isolates extracted by electro-activated solutions as non-invasive extraction method. <i>Food Bioscience</i> , 2015, 12, 128-138.	2.0	28
5	Fenugreek (<i>Trigonella foenum graecum</i>) seed protein isolate: extraction optimization, amino acid composition, thermo and functional properties. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 3165-3176.	1.7	67
6	Effect of pH on the inter-relationships between the physicochemical, interfacial and emulsifying properties for pea, soy, lentil and canola protein isolates. <i>Food Research International</i> , 2015, 77, 360-367.	2.9	161
7	Functional properties of protein hydrolysates from Riceberry rice bran. <i>International Journal of Food Science and Technology</i> , 2016, 51, 1110-1119.	1.3	19
8	Heat-Induced Soluble Protein Aggregates from Mixed Pea Globulins and β -Lactoglobulin. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2780-2791.	2.4	90
9	Spray-drying microencapsulation of CoQ 10 in olive oil for enhanced water dispersion, stability and bioaccessibility: Influence of type of emulsifiers and/or wall materials. <i>Food Hydrocolloids</i> , 2016, 61, 20-30.	5.6	44
10	Emulsification properties of pea protein isolate using homogenization, microfluidization and ultrasonication. <i>Food Research International</i> , 2016, 89, 415-421.	2.9	78
11	Effect of 2,2-azobis (2-amidinopropane) dihydrochloride oxidized casein on the microstructure and microrheology properties of emulsions. <i>Food Science and Biotechnology</i> , 2016, 25, 1283-1290.	1.2	11
12	Modification of pea protein isolate for ultrasonic encapsulation of functional liquids. <i>RSC Advances</i> , 2016, 6, 106130-106140.	1.7	22
13	Improved Low pH Emulsification Properties of Glycated Peanut Protein Isolate by Ultrasound Maillard Reaction. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5531-5538.	2.4	73
14	Gel-like pea protein Pickering emulsions at pH3.0 as a potential intestine-targeted and sustained-release delivery system for β -carotene. <i>Food Research International</i> , 2016, 79, 64-72.	2.9	112
15	Emulsion stabilization by tomato seed protein isolate: Influence of pH, ionic strength and thermal treatment. <i>Food Hydrocolloids</i> , 2016, 57, 160-168.	5.6	69
16	Pea, Chickpea and Lentil Protein Isolates: Physicochemical Characterization and Emulsifying Properties. <i>Food Biophysics</i> , 2016, 11, 43-51.	1.4	184
17	Characterization of pea protein-based bioplastics processed by injection moulding. <i>Food and Bioproducts Processing</i> , 2016, 97, 100-108.	1.8	67
18	Emulsifying properties of legume proteins at acidic conditions: Effect of protein concentration and ionic strength. <i>LWT - Food Science and Technology</i> , 2016, 66, 260-266.	2.5	70

#	ARTICLE	IF	CITATIONS
19	Nutritional, functional, thermal and structural characteristics of <i>Citrullus lanatus</i> and <i>Limonia acidissima</i> seed flours. <i>Journal of Food Measurement and Characterization</i> , 2016, 10, 72-79.	1.6	26
20	Effects of heat treatment on the emulsifying properties of pea proteins. <i>Food Hydrocolloids</i> , 2016, 52, 301-310.	5.6	245
21	Modifying the physicochemical properties of pea protein by pH-shifting and ultrasound combined treatments. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 835-842.	3.8	283
22	Improved stabilization of nanoemulsions by partial replacement of sodium caseinate with pea protein isolate. <i>Food Hydrocolloids</i> , 2017, 64, 99-111.	5.6	67
23	Effect of high pressure treatment on functional, rheological and structural properties of kidney bean protein isolate. <i>LWT - Food Science and Technology</i> , 2018, 91, 191-197.	2.5	101
24	Structure, physicochemical, and functional properties of protein isolates and major fractions from cumin (<i>Cuminum cyminum</i>) seeds. <i>International Journal of Food Properties</i> , 2018, 21, 685-701.	1.3	20
25	Pea protein isolate–high methoxyl pectin soluble complexes for improving pea protein functionality: Effect of pH, biopolymer ratio and concentrations. <i>Food Hydrocolloids</i> , 2018, 80, 245-253.	5.6	166
26	Modification of the structural, emulsifying, and foaming properties of an isolated pea protein by thermal pretreatment. <i>CYTA - Journal of Food</i> , 2018, 16, 357-366.	0.9	71
27	Electrospun fibers from blends of pea (<i>Pisum sativum</i>) protein and pullulan. <i>Food Hydrocolloids</i> , 2018, 83, 173-181.	5.6	49
28	Effect of high intensity ultrasound on structure and foaming properties of pea protein isolate. <i>Food Research International</i> , 2018, 109, 260-267.	2.9	249
29	Modulation of the emulsifying properties of pea globulin soluble aggregates by dynamic high-pressure fluidization. <i>Innovative Food Science and Emerging Technologies</i> , 2018, 47, 292-300.	2.7	54
30	Pea protein isolates: Structure, extraction, and functionality. <i>Food Reviews International</i> , 2018, 34, 126-147.	4.3	463
31	Enhanced functionality of pea-rice protein isolate blends through direct steam injection processing. <i>Food Chemistry</i> , 2018, 243, 338-344.	4.2	55
32	Interfacial and emulsifying properties of mealworm protein at the oil/water interface. <i>Food Hydrocolloids</i> , 2018, 77, 57-65.	5.6	65
33	Swirling cavitation improves the emulsifying properties of commercial soy protein isolate. <i>Ultrasonics Sonochemistry</i> , 2018, 42, 471-481.	3.8	87
34	Grass Pea (<i>Lathyrus sativus</i> L.) Protein Isolate: The Effect of Extraction Optimization and Drying Methods on the Structure and Functional Properties. <i>Food Hydrocolloids</i> , 2018, 74, 187-196.	5.6	82
35	Evaluation of surfactant activity and emulsifying of Pea protein isolate (<i>Pisum sativum</i> L.) obtained by the spray dryer. <i>Revista Materia</i> , 2018, 23, .	0.1	1
36	Molecular Mechanism for Improving Emulsification Efficiency of Soy Glycinin by Glycation with Soy Soluble Polysaccharide. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 12316-12326.	2.4	56

#	ARTICLE	IF	CITATIONS
37	Influence of enzymatic hydrolysis, pH and storage temperature on the emulsifying properties of canola protein isolate and hydrolysates. <i>International Journal of Food Science and Technology</i> , 2018, 53, 2316-2324.	1.3	15
38	Identification and quantification of proteins at adsorption layer of emulsion stabilized by pea protein isolates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 1-9.	2.5	40
39	Effect of the degree of esterification and blockiness on the complex coacervation of pea protein isolate and commercial pectic polysaccharides. <i>Food Chemistry</i> , 2018, 264, 180-188.	4.2	47
40	Encapsulation of omega 3-6-9 fatty acids-rich oils using protein-based emulsions with spray drying. <i>Journal of Food Science and Technology</i> , 2018, 55, 2850-2861.	1.4	59
41	Effect of heat treatments on the structure and emulsifying properties of protein isolates from cumin seeds (<i>Cuminum cyminum</i>). <i>Food Science and Technology International</i> , 2018, 24, 673-687.	1.1	13
42	Pickering emulsions stabilized by naturally derived or biodegradable particles. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018, 12, 83-90.	3.2	121
43	Tyrosinase-crosslinked pea protein emulsions: Impact of zein incorporation. <i>Food Research International</i> , 2019, 116, 370-378.	2.9	30
44	Synergistic stabilisation of emulsions by blends of dairy and soluble pea proteins: Contribution of the interfacial composition. <i>Food Hydrocolloids</i> , 2019, 97, 105206.	5.6	63
45	Effects of high-pressure homogenization on physicochemical, rheological and emulsifying properties of myofibrillar protein. <i>Journal of Food Engineering</i> , 2019, 263, 272-279.	2.7	68
46	Bioprocessing of common pulses changed seed microstructures, and improved dipeptidyl peptidase-IV and α -glucosidase inhibitory activities. <i>Scientific Reports</i> , 2019, 9, 15308.	1.6	44
47	Pulses and food security: Dietary protein, digestibility, bioactive and functional properties. <i>Trends in Food Science and Technology</i> , 2019, 93, 53-68.	7.8	193
48	Effect of alkaline de-esterified pectin on the complex coacervation with pea protein isolate under different mixing conditions. <i>Food Chemistry</i> , 2019, 284, 227-235.	4.2	31
49	Improving the stability of oil-in-water emulsions by using mussel myofibrillar proteins and lecithin as emulsifiers and high-pressure homogenization. <i>Journal of Food Engineering</i> , 2019, 258, 1-8.	2.7	66
50	Interfacial rheological behaviour of lentil protein isolate-fenugreek gum complex. <i>Colloids and Interface Science Communications</i> , 2019, 30, 100180.	2.0	20
51	Effect of freeze-drying on interaction and functional properties of pea protein isolate/soy soluble polysaccharides complexes. <i>Journal of Molecular Liquids</i> , 2019, 285, 658-667.	2.3	46
52	Ultrasound treatment improved the physicochemical characteristics of cod protein and enhanced the stability of oil-in-water emulsion. <i>Food Research International</i> , 2019, 121, 247-256.	2.9	122
53	Microfluidization as Homogenization Technique in Pea Globulin-Based Emulsions. <i>Food and Bioprocess Technology</i> , 2019, 12, 877-882.	2.6	31
54	Hydrophobically modified pea proteins: Synthesis, characterization and evaluation as emulsifiers in eggless cake. <i>Journal of Food Engineering</i> , 2019, 255, 15-23.	2.7	46

#	ARTICLE	IF	CITATIONS
55	Pea Protein Nanoemulsion and Nanocomplex as Carriers for Protection of Cholecalciferol (Vitamin) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.6	67
56	Recent progress in the utilization of pea protein as an emulsifier for food applications. Trends in Food Science and Technology, 2019, 86, 25-33.	7.8	211
57	Pea Protein for Hempseed Oil Nanoemulsion Stabilization. Molecules, 2019, 24, 4288.	1.7	41
58	Characteristics and emulsifying properties of two protein fractions derived from the emulsion formed during aqueous extraction of Camellia oil. Food Hydrocolloids, 2019, 87, 644-652.	5.6	27
59	Food-grade Pickering stabilizers obtained from a protein-rich lupin cultivar (AluProt-CGNA [®]): Chemical characterization and emulsifying properties. Food Hydrocolloids, 2019, 87, 847-857.	5.6	39
60	Study on the emulsifying stability and interfacial adsorption of pea proteins. Food Hydrocolloids, 2019, 88, 247-255.	5.6	110
61	Emulsifying properties of hemp proteins: Effect of isolation technique. Food Hydrocolloids, 2019, 89, 912-920.	5.6	56
62	Effects of ultrasound treatment on the physicochemical and emulsifying properties of proteins from scallops (<i>Chlamys farreri</i>). Food Hydrocolloids, 2019, 89, 707-714.	5.6	58
63	Preparation, characterization and stability of pea protein isolate and propylene glycol alginate soluble complexes. LWT - Food Science and Technology, 2019, 101, 476-482.	2.5	28
64	Plant based Pickering stabilization of emulsions using soluble flaxseed protein and mucilage nano-assemblies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 563, 170-182.	2.3	40
65	Effect of different homogenisation methods and UHT processing on the stability of pea protein emulsion. Food Research International, 2019, 116, 1374-1385.	2.9	47
66	Composition, physicochemical properties of pea protein and its application in functional foods. Critical Reviews in Food Science and Nutrition, 2020, 60, 2593-2605.	5.4	179
67	Curcumin-loaded pea protein isolate-high methoxyl pectin complexes induced by calcium ions: Characterization, stability and in vitro digestibility. Food Hydrocolloids, 2020, 98, 105284.	5.6	54
68	Improving the emulsification of soy β -conglycinin by alcohol-induced aggregation. Food Hydrocolloids, 2020, 98, 105307.	5.6	47
69	Effect of Maltodextrin Dextrose Equivalent on Electrospinnability and Glycation Reaction of Blends with Pea Protein Isolate. Food Biophysics, 2020, 15, 206-215.	1.4	21
70	Biological and conventional food processing modifications on food proteins: Structure, functionality, and bioactivity. Biotechnology Advances, 2020, 40, 107491.	6.0	55
71	Fabrication of pea protein-tannic acid complexes: Impact on formation, stability, and digestion of flaxseed oil emulsions. Food Chemistry, 2020, 310, 125828.	4.2	89
72	Influence of Maillard reaction conditions on the formation and solubility of pea protein isolate-maltodextrin conjugates in electrospun fibers. Food Hydrocolloids, 2020, 101, 105535.	5.6	58

#	ARTICLE	IF	CITATIONS
73	Encapsulation of black pepper seed oil using maltodextrin and pea protein. <i>Food Science and Technology International</i> , 2020, 26, 369-378.	1.1	14
74	On the Emulsifying Properties of Self-Assembled Pea Protein Particles. <i>Langmuir</i> , 2020, 36, 12221-12229.	1.6	45
75	Protein-stabilized Pickering emulsions: Formation, stability, properties, and applications in foods. <i>Trends in Food Science and Technology</i> , 2020, 103, 293-303.	7.8	195
76	Addition of Selected Plant-Derived Proteins as Modifiers of Inulin Hydrogels Properties. <i>Foods</i> , 2020, 9, 845.	1.9	13
77	Ionic strength and pH stability of oil-in-water emulsions prepared with acid-hydrolyzed insoluble proteins from <i>Chlorella protothecoides</i> . <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 4237-4244.	1.7	4
78	Properties of Pickering emulsion stabilized by food-grade gelatin nanoparticles: influence of the nanoparticles concentration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111294.	2.5	83
79	The interaction between sodium alginate and myofibrillar proteins: The rheological and emulsifying properties of their mixture. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1545-1551.	3.6	53
80	High Internal Phase Emulsion for Food-Grade 3D Printing Materials. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 45493-45503.	4.0	89
81	An Emerging Segment of Functional Legume-Based Beverages: A Review. <i>Food Reviews International</i> , 2022, 38, 1064-1102.	4.3	42
82	Fabrication and characterization of Grass pea (<i>Lathyrus sativus</i>) protein isolate-Alyssum homolocarpum seed gum complex coacervate. <i>Polymer Testing</i> , 2020, 89, 106636.	2.3	18
83	Combined adjustment of pH and ultrasound treatments modify techno-functionalities of pea protein concentrates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125156.	2.3	41
84	Impact of oil type on the location, partition and chemical stability of resveratrol in oil-in-water emulsions stabilized by whey protein isolate plus gum Arabic. <i>Food Hydrocolloids</i> , 2020, 109, 106119.	5.6	24
85	The health benefits, functional properties, modifications, and applications of pea (<i>Pisum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 T Science and Food Safety, 2020, 19, 1835-1876.	5.9	137
86	Physicochemical and emulsifying properties of mussel water-soluble proteins as affected by lecithin concentration. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 180-189.	3.6	26
87	Modification of rapeseed protein by ultrasound-assisted pH shift treatment: Ultrasonic mode and frequency screening, changes in protein solubility and structural characteristics. <i>Ultrasonics Sonochemistry</i> , 2020, 69, 105240.	3.8	130
88	Globular proteins as soft particles for stabilizing emulsions: Concepts and strategies. <i>Food Hydrocolloids</i> , 2020, 103, 105664.	5.6	110
89	High-intensity ultrasonication treatment improved physicochemical and functional properties of mussel sarcoplasmic proteins and enhanced the stability of oil-in-water emulsion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124463.	2.3	53
90	Effect of atmospheric cold plasma on structure, interfacial and emulsifying properties of Grass pea (<i>Lathyrus sativus</i> L.) protein isolate. <i>Food Hydrocolloids</i> , 2020, 106, 105899.	5.6	64

#	ARTICLE	IF	CITATIONS
91	Influence of extraction conditions on the conformational alteration of pea protein extracted from pea flour. <i>Food Hydrocolloids</i> , 2020, 107, 105949.	5.6	102
92	Stability and rheology of canola protein isolate-stabilized concentrated oil-in-water emulsions. <i>Food Hydrocolloids</i> , 2021, 113, 106399.	5.6	39
93	Complex coacervation of pea albumin-pectin and ovalbumin-pectin assessed by isothermal titration calorimeter and turbidimetry. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 1209-1217.	1.7	9
94	The structure and stability analysis of the pea seed legumin glycosylated by oligochitosan. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 1065-1075.	1.7	10
95	Physicochemical properties of Grass pea (<i>Lathyrus sativus</i> L.) protein nanoparticles fabricated by cold atmospheric-pressure plasma. <i>Food Hydrocolloids</i> , 2021, 112, 106328.	5.6	24
96	Physical Stability and Interfacial Properties of Oil in Water Emulsion Stabilized with Pea Protein and Fish Skin Gelatin. <i>Food Biophysics</i> , 2021, 16, 139-151.	1.4	13
97	Improvement of pea protein gelation at reduced temperature by atmospheric cold plasma and the gelling mechanism study. <i>Innovative Food Science and Emerging Technologies</i> , 2021, 67, 102567.	2.7	57
98	Formation and emulsification properties of self-assembled potato protein microgel particles under different pH conditions. <i>International Journal of Food Science and Technology</i> , 2021, 56, 2864-2875.	1.3	9
99	Physicochemical and pH-dependent functional properties of proteins isolated from eight traditional Chinese beans. <i>Food Hydrocolloids</i> , 2021, 112, 106288.	5.6	86
100	Preliminary investigation on the effect of proteins of different leguminous species (<i>Cicer arietinum</i> ,) Tj ETQq1 1 0.784314 rgBT /Overl <i>Food Science and Technology</i> , 2021, 136, 110341.	2.5	21
101	Functional and Rheological Properties of <i>Vicia faba</i> L. Protein Isolates. <i>Biomolecules</i> , 2021, 11, 178.	1.8	12
102	Improved solubility and interface properties of pigskin gelatin by microwave irradiation. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 1-9.	3.6	16
103	Alginate Modification for Stabilizing Fish Oil Emulsion. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1053, 012051.	0.3	1
104	Analysis of protein-network formation of different vegetable proteins during emulsification to produce solid fat substitutes. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 2399-2416.	1.6	21
105	Fabrication and stability of Pickering emulsions using moringa seed residue protein: Effect of pH and ionic strength. <i>International Journal of Food Science and Technology</i> , 2021, 56, 3484-3494.	1.3	10
106	Pea Protein Extraction Assisted by Lactic Fermentation: Impact on Protein Profile and Thermal Properties. <i>Foods</i> , 2021, 10, 549.	1.9	30
107	Pyrazine yield and functional properties of rice bran protein hydrolysate formed by the Maillard reaction at varying pH. <i>Journal of Food Science and Technology</i> , 2022, 59, 890-897.	1.4	9
108	Current knowledge in the stabilization/destabilization of infant formula emulsions during processing as affected by formulations. <i>Trends in Food Science and Technology</i> , 2021, 109, 435-447.	7.8	14

#	ARTICLE	IF	CITATIONS
109	Alternative Protein Sources as Technofunctional Food Ingredients. Annual Review of Food Science and Technology, 2021, 12, 93-117.	5.1	72
110	Comparative study of high-intensity ultrasound and high-pressure homogenization on physicochemical properties of peanut protein-stabilized emulsions and emulsion gels. Journal of Food Process Engineering, 2021, 44, e13710.	1.5	14
111	Protein extraction yield, lipid composition, and emulsifying properties of aqueous extracts of <i>Rhynchophorus phoenicis</i> larvae extracted at pH 3.0 to 10.0. Future Foods, 2021, 4, 100037.	2.4	5
112	Quality Attributes of Ultra-High Temperature-Treated Model Beverages Prepared with Faba Bean Protein Concentrates. Foods, 2021, 10, 1244.	1.9	13
113	Cold Denaturation of Proteins: Where Bioinformatics Meets Thermodynamics to Offer a Mechanistic Understanding: Pea Protein As a Case Study. Journal of Agricultural and Food Chemistry, 2021, 69, 6339-6350.	2.4	17
114	Impact of pH on the interaction between soybean protein isolate and oxidized bacterial cellulose at oil-water interface: Dilatational rheological and emulsifying properties. Food Hydrocolloids, 2021, 115, 106609.	5.6	52
115	Jammed Emulsions with Adhesive Pea Protein Particles for Elastoplastic Edible 3D Printed Materials. Advanced Functional Materials, 2021, 31, 2101749.	7.8	23
116	Effects of high hydrostatic pressure treatment on the emulsifying behavior of myosin and its underlying mechanism. LWT - Food Science and Technology, 2021, 146, 111397.	2.5	24
117	Design future foods using plant protein blends for best nutritional and technological functionality. Trends in Food Science and Technology, 2021, 113, 139-150.	7.8	56
118	Protein isolates from <i>Cajanus cajan</i> L. as surfactant for o:w emulsions: pH and ionic strength influence on protein structure and emulsion stability. Food Bioscience, 2021, 42, 101159.	2.0	11
119	Strong and elastic pea protein hydrogels formed through pH-shifting method. Food Hydrocolloids, 2021, 117, 106705.	5.6	42
120	Validation of Bioinformatic Modeling for the Zeta Potential of Vicilin, Legumin, and Commercial Pea Protein Isolate. Food Biophysics, 2021, 16, 474-483.	1.4	15
121	Plant Proteins for Future Foods: A Roadmap. Foods, 2021, 10, 1967.	1.9	105
122	A Tea Saponin-Carbohydrate-Protein Complex Could Be One Key Emulsifiable Compound in the Emulsion Formed during Aqueous Extraction of Camellia Oil. European Journal of Lipid Science and Technology, 2021, 123, 2000312.	1.0	2
123	The conformation and physicochemical properties of pH-treated golden pompano protein on the oil/water interfacial properties and emulsion stability. International Journal of Food Science and Technology, 2022, 57, 5611-5620.	1.3	3
124	Effect of microwave extraction temperature on the chemical structure and oil-water interface properties of fish skin gelatin. Innovative Food Science and Emerging Technologies, 2021, 74, 102835.	2.7	16
125	Impact of pH-dependent succinylation on the structural features and emulsifying properties of chicken liver protein. Food Chemistry, 2021, 358, 129868.	4.2	23
126	Study on the physicochemical and emulsifying property of proteins extracted from <i>Pleurotus tuoliensis</i> . LWT - Food Science and Technology, 2021, 151, 112185.	2.5	5

#	ARTICLE	IF	CITATIONS
127	Current knowledge on the interfacial behaviour limits our understanding of plant protein functionality in emulsions. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 56, 101503.	3.4	30
128	High protein and high oil emulsions: Phase diagram, stability and interfacial adsorption. <i>LWT - Food Science and Technology</i> , 2022, 153, 112464.	2.5	4
129	Plant proteins from green pea and chickpea: Extraction, fractionation, structural characterization and functional properties. <i>Food Hydrocolloids</i> , 2022, 123, 107165.	5.6	85
130	Simple method for fabrication of high internal phase emulsions solely using novel pea protein isolate nanoparticles: Stability of ionic strength and temperature. <i>Food Chemistry</i> , 2022, 370, 130899.	4.2	40
131	Influence of pH and ionic strength on the thermal gelation behaviour of pea protein. <i>Food Hydrocolloids</i> , 2022, 123, 106903.	5.6	53
132	Pea. , 2020, , 245-273.		5
133	Physico-chemical characterization of protein stabilized oil-in-water emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 125045.	2.3	22
134	Functionality and structure of yellow pea protein isolate as affected by cultivars and extraction pH. <i>Food Hydrocolloids</i> , 2020, 108, 106008.	5.6	116
135	Modifying the Physicochemical and Functional Properties of Water-soluble Protein from Mussels by High-pressure Homogenization Treatment. <i>International Journal of Food Engineering</i> , 2020, 16, .	0.7	10
136	Sensory aspects and consumer assessment of legume extruded snacks. <i>Chemine Technologija</i> , 2015, 66, .	0.2	3
137	High ethanol tolerance of oil-in-water Pickering emulsions stabilized by protein nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127777.	2.3	7
138	Comparison of physicochemical and emulsifying properties of commercial pea protein powders. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 2506-2514.	1.7	9
139	Modulating the fat globules of plant-based cream emulsion: Influence of the source of plant proteins. <i>Innovative Food Science and Emerging Technologies</i> , 2021, 74, 102852.	2.7	10
140	Hemp Seed as a Source of Food Proteins. <i>Sustainable Agriculture Reviews</i> , 2020, , 265-294.	0.6	5
141	Effect of different levels of esterification and blockiness of pectin on the functional behaviour of pea protein isolate-pectin complexes. <i>Food Science and Technology International</i> , 2021, 27, 3-12.	1.1	5
142	Effect of emulsion formulation on characteristics of pea protein-stabilized oil-in-water emulsions. <i>Celal Bayar Universitesi Fen Bilimleri Dergisi</i> , 2020, 16, 257-261.	0.1	1
143	High pressure homogenization shapes the techno-functionalities and digestibility of pea proteins. <i>Food and Bioproducts Processing</i> , 2022, 131, 77-85.	1.8	32
144	In vitro stability study of saliva emulsions: The impact of time, calcium ion and pH. <i>Food Hydrocolloids</i> , 2022, 125, 107390.	5.6	4

#	ARTICLE	IF	CITATIONS
145	Scallops as a new source of food protein: high-intensity ultrasonication improved stability of oil-in-water emulsion stabilised by myofibrillar protein. <i>International Journal of Food Science and Technology</i> , 2022, 57, 1173-1185.	1.3	4
146	Pea proteins as emerging biopolymers for the emulsification and encapsulation of food bioactives. <i>Food Hydrocolloids</i> , 2022, 126, 107474.	5.6	36
147	Impact of sodium alginate on binary whey/pea protein-stabilised emulsions. <i>Journal of Food Engineering</i> , 2022, 321, 110978.	2.7	15
148	Improving emulsifying properties of carboxylated microcrystalline cellulose by calcium bridging to hydrophobic peptides. <i>Food Chemistry</i> , 2022, 384, 132422.	4.2	9
149	Functional, textural, and rheological properties of mixed casein micelle and pea protein isolate co-dispersions. <i>JDS Communications</i> , 2022, 3, 85-90.	0.5	6
150	Complexation of pea protein isolate with dextran sulphate and interfacial adsorption behaviour and O/W emulsion stability at acidic conditions. <i>International Journal of Food Science and Technology</i> , 2022, 57, 2333-2345.	1.3	2
151	Modification of emulsifying properties of mussel myofibrillar proteins by high-intensity ultrasonication treatment and the stability of O/W emulsion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 641, 128511.	2.3	23
152	Comparison of the interfacial properties of native and refolded myofibrillar proteins subjected to pH-shifting. <i>Food Chemistry</i> , 2022, 380, 131734.	4.2	24
153	Meat alternatives: A proofed commodity?. <i>Advances in Food and Nutrition Research</i> , 2022, , 213-236.	1.5	6
154	A review on the techno-functional, biological, and health-promoting properties of hempseed-derived proteins and peptides. <i>Journal of Food Biochemistry</i> , 2022, 46, e14127.	1.2	7
155	Pre-treatment by combining atmospheric cold plasma and pH-shifting to prepare pea protein concentrate powders with improved gelling properties. <i>Food Research International</i> , 2022, 154, 111028.	2.9	29
156	Effect of chitosan oligosaccharide glycosylation on the emulsifying property of lactoferrin. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 93-106.	3.6	19
157	Comparative structural and emulsifying properties of ultrasound-treated pea (<i>Pisum sativum</i> L.) protein isolate and the legumin and vicilin fractions. <i>Food Research International</i> , 2022, 156, 111179.	2.9	37
158	Pea protein isolate-inulin conjugates prepared by pH-shift treatment and ultrasonic-enhanced glycosylation: Structural and functional properties. <i>Food Chemistry</i> , 2022, 384, 132511.	4.2	46
159	Polyphenol Loaded W1/O/W2 Emulsions Stabilized with Lesser Mealworm (<i>Alphitobius diaperinus</i>) Protein Concentrate Produced by Membrane Emulsification: Stability under Simulated Storage, Process, and Digestion Conditions. <i>Foods</i> , 2021, 10, 2997.	1.9	8
160	A Comparative Functional Analysis of Pea Protein and Grass Carp Protein Mixture via Blending and Co-Precipitation. <i>Foods</i> , 2021, 10, 3037.	1.9	3
161	Effects of heat treatment and pH on the physicochemical and emulsifying properties of coconut (<i>Cocos nucifera</i> L.) globulins. <i>Food Chemistry</i> , 2022, 388, 133031.	4.2	25
162	Introducing panda bean (<i>Vigna umbellata</i> (Thunb.) Ohwi et Ohashi) protein isolate as an alternative source of legume protein: Physicochemical, functional and nutritional characteristics. <i>Food Chemistry</i> , 2022, 388, 133016.	4.2	7

#	ARTICLE	IF	CITATIONS
163	The effects of thermal treatment on emulsifying properties of soy protein isolates: Interfacial rheology and quantitative proteomic analysis. <i>Food Research International</i> , 2022, 157, 111326.	2.9	11
164	Air nanobubbles induced reversible self-assembly of 7S globulins isolated from pea (<i>Pisum Sativum</i> L.). <i>Food Hydrocolloids</i> , 2022, 133, 107847.	5.6	7
165	<i>In-silico</i> Studies Calculated a New Chitin Oligomer Binding Site Inside Vicilin: A Potent Antifungal and Insecticidal Agent. <i>Dose-Response</i> , 2022, 20, 155932582211082.	0.7	3
166	Facile construction of fruit protein based natural hydrogel via intra/inter molecular cross-linking. <i>Food Hydrocolloids</i> , 2022, 133, 107899.	5.6	9
167	Pickering Emulsion Stabilized by Tea Seed Cake Protein Nanoparticles as Lutein Carrier. <i>Foods</i> , 2022, 11, 1712.	1.9	8
168	Drying Microalgae Using an Industrial Solar Dryer: A Biomass Quality Assessment. <i>Foods</i> , 2022, 11, 1873.	1.9	13
169	Comparative Composition Structure and Selected Techno-Functional Elucidation of Flaxseed Protein Fractions. <i>Foods</i> , 2022, 11, 1820.	1.9	7
170	Development of innovative clean label emulsions stabilized by vegetable proteins. <i>International Journal of Food Science and Technology</i> , 2023, 58, 406-422.	1.3	14
171	Effects of pH-shifting treatments on oil-water interfacial properties of pea protein isolates: Identification and quantification of proteins at interfacial protein layer. <i>Food Hydrocolloids</i> , 2022, 133, 107937.	5.6	11
172	Quantitative structure-property relationships of thermoset pea protein gels with ethanol, shear, and sub-zero temperature pretreatments. <i>Food Hydrocolloids</i> , 2023, 135, 108066.	5.6	4
173	Extraction and properties of glutinous rice bran protein obtained by the mild alkaline extraction for the bran combined with enzymatic treatment for the residues. <i>Journal of Food Processing and Preservation</i> , 0, , .	0.9	1
174	Effects of Glucose and Homogenization Treatment on the Quality of Liquid Whole Eggs. <i>Foods</i> , 2022, 11, 2521.	1.9	1
175	Yellow horn as an alternative source of plant-based protein: The effects of high-intensity ultrasonication treatment on its physicochemical properties and emulsifying properties. <i>LWT - Food Science and Technology</i> , 2022, 167, 113820.	2.5	3
176	Characterization and emulsifying properties of mantle proteins from scallops (<i>Patinopecten</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF 167, 113865.	2.5	11
177	Effect of Hofmeister series anions on freeze-thaw stability of emulsion stabilized with whey protein isolates. <i>Food Hydrocolloids</i> , 2023, 134, 108015.	5.6	7
178	Nonlinear rheological behavior and quantitative proteomic analysis of pea protein isolates at the air-water interface. <i>Food Hydrocolloids</i> , 2023, 135, 108115.	5.6	7
179	Changes in Emulsifying and Physical Properties of Shrimp Oil/Soybean Oil-in-Water Emulsion Stabilized by Fish Myofibrillar Protein during the Storage. <i>European Journal of Lipid Science and Technology</i> , 2022, 124, .	1.0	4
180	Physicochemical, Structural, and Functional Properties of Hemp Protein vs Several Commercially Available Plant and Animal Proteins: A Comparative Study. <i>ACS Food Science & Technology</i> , 2022, 2, 1672-1680.	1.3	8

#	ARTICLE	IF	CITATIONS
181	Optimization of Pea Protein Isolate-Stabilized Oil-in-Water Ultra-Nanoemulsions by Response Surface Methodology and the Effect of Electrolytes on Optimized Nanoemulsions. <i>Colloids and Interfaces</i> , 2022, 6, 47.	0.9	2
182	Improving emulsifying properties using mixed natural emulsifiers: Tea saponin and golden pompano protein. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2023, 656, 130311.	2.3	9
183	Effect of Pre-Emulsion of Pea-Grass Carp Co-Precipitation Dual Protein on the Gel Quality of Fish Sausage. <i>Foods</i> , 2022, 11, 3192.	1.9	4
184	Modification of functional properties of mussel actomyosin by ultrasound treatment and the application at O/W emulsion. <i>LWT - Food Science and Technology</i> , 2022, 170, 114086.	2.5	4
185	OSA-linear dextrin enhances the compactness of pea protein isolate nanoparticles: Increase of high internal phase emulsions stability. <i>Food Chemistry</i> , 2023, 404, 134590.	4.2	10
186	Plant-based beverages. , 2023, , 99-129.		3
187	Effects of pH-shifting treatments on the emulsifying properties of rice protein isolates: Quantitative analysis of interfacial protein layer. <i>Food Research International</i> , 2023, 164, 112306.	2.9	4
188	Interfacial adsorption properties, rheological properties and oxidation kinetics of oleogel-in-water emulsion stabilized by hemp seed protein. <i>Food Hydrocolloids</i> , 2023, 137, 108402.	5.6	18
189	A mini-review about direct steam heating and its application in dairy and plant protein processing. <i>Food Chemistry</i> , 2023, 408, 135233.	4.2	3
190	Faba Bean Proteins: Extraction Methods, Properties and Applications. , 2022, , 245-273.		2
191	Investigation of the effects of high hydrostatic pressure on the functional properties of pea protein isolate. <i>Journal of Food Process Engineering</i> , 0, , .	1.5	0
192	Pea protein isolates: emulsification properties as affected by preliminary pretreatments. <i>Italian Journal of Food Science</i> , 2022, 34, 25-32.	1.5	4
193	Improved Stabilization and In Vitro Digestibility of Mulberry Anthocyanins by Double Emulsion with Pea Protein Isolate and Xanthan Gum. <i>Foods</i> , 2023, 12, 151.	1.9	3
194	Enhanced Emulsifying Ability of Deoxycholate through Dynamic Interaction with Layered Double Hydroxide. <i>Nanomaterials</i> , 2023, 13, 567.	1.9	2
195	Linear and nonlinear interface rheological behaviors and structural properties of pea protein (vicilin, legumin, albumin). <i>Food Hydrocolloids</i> , 2023, 139, 108500.	5.6	6
196	Pickering stabilizing capacity of Plasma-treated Grass pea protein nanoparticles. <i>Journal of Food Engineering</i> , 2023, 350, 111458.	2.7	2
197	Quantitative analysis and interfacial properties of mixed pea protein isolate-phospholipid adsorption layer. <i>International Journal of Biological Macromolecules</i> , 2023, 232, 123487.	3.6	3
198	Pulse Globulins 11S and 7S: Origins, Purification Methods, and Techno-functional Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 2704-2717.	2.4	10

#	ARTICLE	IF	CITATIONS
199	Enhancement of pea protein solubility and thermal stability for acidic beverage applications via endogenous Maillard-induced glycation and chromatography purification. <i>Current Research in Food Science</i> , 2023, 6, 100452.	2.7	5
200	Effects of ultrasonic-assisted pH shift treatment on physicochemical properties of electrospinning nanofibers made from rapeseed protein isolates. <i>Ultrasonics Sonochemistry</i> , 2023, 94, 106336.	3.8	7
201	Improving Pea Protein Emulsifying Capacity by Glycosylation to Prepare High-Internal-Phase Emulsions. <i>Foods</i> , 2023, 12, 870.	1.9	3
202	Impact of Cavitation Jet on the Structural, Emulsifying Features and Interfacial Features of Soluble Soybean Protein Oxidized Aggregates. <i>Foods</i> , 2023, 12, 909.	1.9	5
203	Correlation between interfacial layer properties and physical stability of food emulsions: current trends, challenges, strategies, and further perspectives. <i>Advances in Colloid and Interface Science</i> , 2023, 313, 102863.	7.0	27
204	Interfacial, and emulsifying properties nexus of green pea protein fractions: Impact of pH and salt. <i>Food Hydrocolloids</i> , 2023, 140, 108652.	5.6	6
205	Probing interfaces of pea protein-stabilized emulsions with a fluorescent molecular rotor. , 0, 3, .		1
206	Composition, functionalities, and digestibility of proteins from high protein and normal pea (<i>Pisum) Tj ETQq1 1 0.784314 JgBT /Over		
207	Enzymatic cross-linking of pea and whey proteins to enhance emulsifying and encapsulation properties. <i>Food and Bioproducts Processing</i> , 2023, 139, 204-215.	1.8	2
208	Phenanthrene removal from a spent sediment washing solution in a continuous-flow stirred-tank reactor. <i>Environmental Research</i> , 2023, 228, 115889.	3.7	1
209	Structural properties of pea proteins (<i>Pisum sativum</i>) for sustainable food matrices. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-21.	5.4	3