Mohsen Barzegar

List of Publications by Year in descending order

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109137 114278 4,587 119 35 63 citations h-index g-index papers 119 119 119 5284 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	The effect of refining process on the volatile compounds, oxidation stability and fatty acids profile of soybean oil using an electrostatic field. Journal of Food Processing and Preservation, 2022, 46, .	0.9	3
2	Experimental Estimation of Lamb Wave Dispersion Curves for Adhesively Bonded Aluminum Plates, Using Two Adjacent Signals. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 2143-2151.	1.7	6
3	Progressive damage analysis of an adhesively bonded composite T-joint under bending, considering micro-scale effects of fiber volume fraction of adherends. Composite Structures, 2021, 258, 113374.	3.1	26
4	Quality characteristics, nutraceutical profile, and storage stability of functional beverage prepared from jujube (<i>Ziziphus jujuba var vulgaris</i>) fruit. Journal of Food Processing and Preservation, 2021, 45, e15201.	0.9	6
5	Detection of fraud in lime juice using pattern recognition techniques and FTâ€IR spectroscopy. Food Science and Nutrition, 2021, 9, 3026-3038.	1.5	7
6	Encapsulation of Sargassum boveanum Algae Extract in Nano-liposomes: Application in Functional Mayonnaise Production. Food and Bioprocess Technology, 2021, 14, 1311-1325.	2.6	26
7	Structure–antioxidant activity relationships of gallic acid and phloroglucinol. Journal of Food Measurement and Characterization, 2021, 15, 5036-5046.	1.6	13
8	Effect of Steric Structure on the Mechanism of Antioxidant Activity of Alkyl Gallates in Soybean Oil Triacylglycerols—A Kinetic Approach. European Journal of Lipid Science and Technology, 2021, 123, 2100019.	1.0	3
9	Effect of storage time on the microbial and physicochemical properties of gamma irradiated turmeric powder under various atmospheres of packaging. Radiation Physics and Chemistry, 2021, 187, 109580.	1.4	5
10	Morphophysiological and phytochemical responses to cadmium and lead stress in coriander (Coriandrum sativum L.). Industrial Crops and Products, 2021, 171, 113979.	2.5	12
11	Numerical study of Geostationary Orbit thermal cycle effects of a tubular adhesive joint: Dynamic behavior. Journal of Adhesion, 2020, 96, 1431-1448.	1.8	1
12	Bio-active compounds and functional properties of pistachio hull: A review. Trends in Food Science and Technology, 2020, 97, 55-64.	7.8	51
13	Manufacturing of nanoliposomal extract from <i>Sargassum boveanum</i> algae and investigating its release behavior and antioxidant activity. Food Science and Nutrition, 2020, 8, 299-310.	1.5	46
14	Damage Detection of L-Shaped Beam Structure with a Crack by Electromechanical Impedance Response: Analytical Approach and Experimental Validation. Journal of Nondestructive Evaluation, 2020, 39, 1.	1.1	7
15	Physicochemical properties and organoleptic aspects of ice cream enriched with microencapsulated pistachio peel extract. International Journal of Dairy Technology, 2020, 73, 570-577.	1.3	25
16	Tannin fraction of pistachio green hull extract with pancreatic lipase inhibitory and antioxidant activity. Journal of Food Biochemistry, 2020, 44, e13208.	1.2	16
17	Bleaching of Olive Oil by Membrane Filtration. European Journal of Lipid Science and Technology, 2020, 122, 1900151.	1.0	3
18	Analytical Model of the Electro-Mechanical Impedance Response of Frame Structures with L-Shaped Beams. Research in Nondestructive Evaluation, 2020, 31, 187-202.	0.5	1

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19	Effects of cadmium and lead on seed germination, morphological traits, and essential oil composition of sweet basil (Ocimum basilicum L.). Industrial Crops and Products, 2019, 138, 111584.	2.5	62
20	Novel oleogel formulation based on amaranth oil: Physicochemical characterization. Food Science and Nutrition, 2019, 7, 1986-1996.	1.5	29
21	Efficiency of Tragacanth gum coating enriched with two different essential oils for deceleration of enzymatic browning and senescence of button mushroom (<i>Agaricus bisporus</i>). Food Science and Nutrition, 2019, 7, 1520-1528.	1.5	23
22	Gum tragacanth oil/gels as an alternative to shortening in cookies: Rheological, chemical and textural properties. LWT - Food Science and Technology, 2019, 105, 265-271.	2.5	18
23	Optimization of the enzymeâ€assisted aqueous extraction of phenolic compounds from pistachio green hull. Food Science and Nutrition, 2019, 7, 356-366.	1.5	54
24	Pistachio green hull extract as a natural antioxidant in beef patties: Effect on lipid and protein oxidation, color deterioration, and microbial stability during chilled storage. LWT - Food Science and Technology, 2019, 102, 393-402.	2.5	36
25	Evaluation of polyphenolic compounds in membrane concentrated pistachio hull extract. Food Chemistry, 2019, 277, 398-406.	4.2	34
26	Optimization of high voltage electric field as a novel non-thermal method of sunflower oil neutralization. Separation and Purification Technology, 2019, 211, 430-437.	3.9	7
27	The effect of jujube powder incorporation on the chemical, rheological, and sensory properties of toffee. Food Science and Nutrition, 2019, 7, 678-688.	1.5	5
28	Ultrasound-assisted bleaching of olive oil: Kinetics, isotherms and thermodynamics. Journal of Food Engineering, 2018, 224, 37-44.	2.7	14
29	Effect of gamma irradiation under various atmospheres of packaging on the microbial and physicochemical properties of turmeric powder. Radiation Physics and Chemistry, 2018, 148, 60-67.	1.4	22
30	Effect of gamma irradiation on the extraction yield, antioxidant, and antityrosinase activities of pistachio green hull extract. Radiation Physics and Chemistry, 2018, 144, 373-378.	1.4	27
31	The potential of ohmic heating for pectin extraction from orange waste. Journal of Food Processing and Preservation, 2018, 42, e13458.	0.9	20
32	Application of Tragacanth gum impregnated with Satureja khuzistanica essential oil as a natural coating for enhancement of postharvest quality and shelf life of button mushroom (Agaricus) Tj ETQq0 0 0 rgBT	/Osestock	: 1 0∍₹ f 50 217
33	Nanoliposomes Containing Pistachio Green Hull's Phenolic Compounds as Natural Bio-Preservatives for Mayonnaise. European Journal of Lipid Science and Technology, 2018, 120, 1800086.	1.0	23
34	Evaluation of the inhibitory effect of pistachio (Pistacia vera L.) green hull aqueous extract on mushroom tyrosinase activity and its application as a button mushroom postharvest anti-browning agent. Postharvest Biology and Technology, 2018, 145, 157-165.	2.9	34
35	The effect of nonâ€thermal processing on chemical constituents and antibacterial properties of turmeric rhizome volatile oil. Journal of Food Process Engineering, 2018, 41, e12827.	1.5	2
36	Concentration of pistachio hull extract antioxidants using membrane separation and reduction of membrane fouling during process. Food Science and Nutrition, 2018, 6, 1741-1750.	1.5	8

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37	Antioxidant compounds of Iranian olive oils influenced by growing area, ripening stage, and cultivar. European Journal of Lipid Science and Technology, 2017, 119, 1600029.	1.0	5
38	Omega-3 PUFA concentration by a novel PVDF nano-composite membrane filled with nano-porous silica particles. Food Chemistry, 2017, 230, 454-462.	4.2	16
39	Effects of concentration method and storage time on some bioactive compounds and color of jujube (Ziziphus jujuba var vulgaris) concentrate. Journal of Food Science and Technology, 2017, 54, 2947-2955.	1.4	14
40	Chitosan-cinnamon essential oil nano-formulation: Application as a novel additive for controlled release and shelf life extension of beef patties. International Journal of Biological Macromolecules, 2017, 102, 19-28.	3.6	153
41	Optimization of pectin extraction from orange juice waste assisted by ohmic heating. Chemical Engineering and Processing: Process Intensification, 2017, 117, 154-161.	1.8	67
42	VIS/NIR imaging application for honey floral origin determination. Infrared Physics and Technology, 2017, 86, 218-225.	1.3	48
43	Physicochemical and functional characterization of wheat milling co-products: Fine grinding to achieve high fiber antioxidant-rich fractions. Journal of Cereal Science, 2017, 77, 228-234.	1.8	9
44	The enhancement of pistachio green hull extract functionality via nanoliposomal formulation: studying in soybean oil. Journal of Food Science and Technology, 2017, 54, 3620-3629.	1.4	30
45	Inhibitory effects of cinnamon, clove and celak extracts on growth of <i>Aspergillus flavus</i> its aflatoxins after spraying on pistachio nuts before cold storage. Journal of Food Safety, 2017, 37, e12383.	1.1	11
46	Practical modeling and optimization of ultrasound-assisted bleaching of olive oil using hybrid artificial neural network-genetic algorithm technique. Computers and Electronics in Agriculture, 2017, 140, 422-432.	3.7	31
47	Physicochemical properties and antioxidant activity of α-tocopherol loaded nanoliposome's containing DHA and EPA. Food Chemistry, 2017, 215, 157-164.	4.2	37
48	Effect of gamma irradiation on some physicochemical properties and bioactive compounds of jujube (Ziziphus jujuba var vulgaris) fruit. Radiation Physics and Chemistry, 2017, 130, 62-68.	1.4	55
49	Nanoliposomal carriers for improvement the bioavailability of high – valued phenolic compounds of pistachio green hull extract. Food Chemistry, 2017, 220, 115-122.	4.2	108
50	Antioxidant activity of <i>Berberis integerrima</i> seed oil as a natural antioxidant on the oxidative stability of soybean oil. International Journal of Food Properties, 2017, 20, S2914-S2925.	1.3	10
51	Tragacanth gum containing Zataria multiflora Boiss. essential oil as a natural preservative for storage of button mushrooms (Agaricus bisporus). Food Hydrocolloids, 2017, 72, 202-209.	5.6	59
52	Effect of Extraction and Processing Conditions on Anthocyanins of Barberry. Journal of Food Processing and Preservation, 2016, 40, 1407-1420.	0.9	25
53	Designing of high voltage electric field for soybean and sunflower oil bleaching. Innovative Food Science and Emerging Technologies, 2016, 36, 173-180.	2.7	10
54	Improved physical stability of docosahexaenoic acid and eicosapentaenoic acid encapsulated using nanoliposome containing αâ€tocopherol. International Journal of Food Science and Technology, 2016, 51, 1075-1086.	1.3	25

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55	Omegaâ€3 Polyunsaturated Fatty Acids Concentration Using Synthesized Polyâ€Vinylidene Fluoride (PVDF) Asymmetric Membranes. JAOCS, Journal of the American Oil Chemists' Society, 2016, 93, 1201-1210.	0.8	6
56	Nanoencapsulation Approach to Improve Antimicrobial and Antioxidant Activity of Thyme Essential Oil in Beef Burgers During Refrigerated Storage. Food and Bioprocess Technology, 2016, 9, 1187-1201.	2.6	120
57	Effects of Hydrocolloids on the Rheological Characteristics of Dough and the Quality of Bread Made From Frozen Dough. Journal of Texture Studies, 2015, 46, 365-373.	1.1	19
58	Effect of Extraction and Processing Conditions on Organic Acids of Barberry Fruits. Journal of Food Biochemistry, 2015, 39, 554-565.	1.2	17
59	Concentration of Omegaâ€3 polyunsaturated fatty acids by polymeric membrane. International Journal of Food Science and Technology, 2015, 50, 2411-2418.	1.3	15
60	Effect of the Processing Steps (Harvesting Time to Pasteurization) on Percentage of Fatty Acids in Table Olive. Current Nutrition and Food Science, 2015, 11, 44-52.	0.3	1
61	Phenolic Compounds and Antioxidant Activity of Juices from Ten Iranian Pomegranate Cultivars Depend on Extraction. Journal of Chemistry, 2015, 2015, 1-7.	0.9	43
62	The efficacy of kaolin particle film on oil quality indices of olive trees (Olea europaea L.) cv â€ ⁻ Zardâ€ [™] grown under warm and semi-arid region of Iran. Food Chemistry, 2015, 166, 35-41.	4.2	32
63	Optimization of ultrasonic assisted continuous production of biodiesel using response surface methodology. Ultrasonics Sonochemistry, 2015, 27, 54-61.	3.8	78
64	Optimisation of soya bean oil bleaching by ultrasonic processing and investigate the physicoâ€chemical properties of bleached soya bean oil. International Journal of Food Science and Technology, 2015, 50, 857-863.	1.3	39
65	Influence of processing parameters on physicochemical properties of fractionated fish oil at low temperature crystallization. Nutrition and Food Science, 2015, 45, 2-19.	0.4	5
66	Effects of gamma irradiation on physicochemical properties, antioxidant and microbial activities of sour cherry juice. Radiation Physics and Chemistry, 2015, 114, 18-24.	1.4	46
67	Physicochemical and Antioxidant Characteristics of Safflower Seed Oil. Current Nutrition and Food Science, 2015, 10, 268-274.	0.3	3
68	The TiO ₂ –Clay-LDPE Nanocomposite Packaging Films: Investigation on the Structure and Physicomechanical Properties. Polymer-Plastics Technology and Engineering, 2014, 53, 1759-1767.	1.9	13
69	Vitamin losses during frozen storage of <i>Liza aurata</i> (Risso, 1810) <i>, Cyprinus carpio </i> L. 1758 <i>, Clupeonella cultriventris caspia</i> (Nordmann, 1840) <i>, Rutilus frisii kutum</i> (Kamenskii,) Tj ETQq1	lo0s78431	. 4 rgBT /O∨
70	Effect of potassium sorbate on antimicrobial and physical properties of starch–clay nanocomposite films. Carbohydrate Polymers, 2014, 110, 26-31.	5.1	66
71	Honey characterization using computer vision system and artificial neural networks. Food Chemistry, 2014, 159, 143-150.	4.2	50
72	Sterol and Fatty Acid Compositions of Olive Oil as an Indicator of Cultivar and Growing Area. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 1571-1581.	0.8	26

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73	Antioxidant and Anti-fungal Effect of Caraway (Carum Carvi L.) Essential Oil in Real Food System. Current Nutrition and Food Science, 2014, 10, 70-76.	0.3	10
74	Formulation, characterization and optimization of liposomes containing eicosapentaenoic and docosahexaenoic acids; a methodology approach. Iranian Journal of Pharmaceutical Research, 2014, 13, 393-404.	0.3	29
75	The effects of sonication and gamma irradiation on the inactivation of Escherichia coli and Saccharomyces cerevisiae in pomegranate juice. Iranian Journal of Microbiology, 2014, 6, 51-8.	0.8	22
76	CINNAMOMUM ZEYLANICUMESSENTIAL OIL AS A NATURAL ANTIOXIDANT AND ANTIBACTRIAL IN COOKED SAUSAGE. Journal of Food Biochemistry, 2013, 37, 62-69.	1.2	26
77	Potential application of machine vision to honey characterization. Trends in Food Science and Technology, 2013, 30, 174-177.	7.8	33
78	Temperature-Dependent Chemical Components Accumulation inHippodamia variegata(Coleoptera:) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
79	Effect of Frozen Storage on Quality Changes of Five Fish Species from South Caspian Sea. Current Nutrition and Food Science, 2013, 9, 315-320.	0.3	1
80	Application of Zataria multiflora Boiss. and Cinnamon zeylanicum essential oils as two natural preservatives in cake. Avicenna Journal of Phytomedicine, 2013, 3, 238-47.	0.1	13
81	Comparison of Chemical and Enzymatic Interesterification of Tea Seed Oil for the Production of Cocoa Butter Replacer. Current Nutrition and Food Science, 2012, 8, 86-90.	0.3	3
82	Postharvest Polyamine Application Alleviates Chilling Injury and Affects Apricot Storage Ability. Journal of Agricultural and Food Chemistry, 2012, 60, 8947-8953.	2.4	91
83	Seasonal Patterns of Cold Hardiness and Cryoprotectant Profiles in <i>Brevicoryne brassicae</i> (Hemiptera: Aphididae). Environmental Entomology, 2012, 41, 1638-1643.	0.7	19
84	Changes in anthocyanins in arils of chitosan-coated pomegranate (Punica granatum L. cv.) Tj ETQq0 0 0 rgBT /O	verlock 10 4.2) Tf 50 302 To
85	Production of Cocoa Butter Replacer by Dry Fractionation, Partial Hydrogenation, Chemical and Enzymatic Interesterification of Tea Seed Oil. Food and Nutrition Sciences (Print), 2012, 03, 184-189.	0.2	4
86	CHANGES IN OIL CONTENT, CHEMICAL PROPERTIES, FATTY ACID COMPOSITION AND TRIACYLGLYCEROL SPECIES OF TEA SEED OIL DURING MATURITY PERIOD. Journal of Food Biochemistry, 2011, 35, 1161-1169.	1.2	11
87	Physicochemical and Enzymatic Properties of Five Kiwifruit Cultivars during Cold Storage. Food and Bioprocess Technology, 2010, 3, 239-246.	2.6	29
88	LIPID, CHOLESTEROL AND FATTY ACID PROFILE OF SOME COMMERCIALLY IMPORTANT FISH SPECIES FROM SOUTH CASPIAN SEA. Journal of Food Biochemistry, 2010, 34, no-no.	1,2	9
89	Enzymatically modified tea seed oil as cocoa butter replacer in dark chocolate. International Journal of Food Science and Technology, 2010, 45, 540-545.	1.3	29
90	Antioxidant, anti-microbial and antimutagenicity activities of pistachio (Pistachia vera) green hull extract. Food and Chemical Toxicology, 2010, 48, 107-112.	1.8	131

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91	Some physicochemical characteristics and degradation kinetic of anthocyanin of reconstituted pomegranate juice during storage. Journal of Food Engineering, 2009, 90, 179-185.	2.7	113
92	Comparison of tea and sesame seed oils as two natural antioxidants in a fish oil model system by radical scavenging activity. International Journal of Food Sciences and Nutrition, 2009, 60, 567-576.	1.3	14
93	Antioxidant Activity and Chemical Characterization of Essential Oil of Bunium persicum. Plant Foods for Human Nutrition, 2008, 63, 183-188.	1.4	80
94	Anthocyanins characterization of 15 Iranian pomegranate (Punica granatum L.) varieties and their variation after cold storage and pasteurization. European Food Research and Technology, 2008, 227, 881-887.	1.6	116
95	Effect of gamma irradiation on the stability of anthocyanins and shelf-life of various pomegranate juices. Food Chemistry, 2008, 110, 1036-1040.	4.2	83
96	Optimization of the ï‰-3 extraction as a functional food from flaxseed. International Journal of Food Sciences and Nutrition, 2008, 59, 526-534.	1.3	10
97	Antifungal activity of thyme, summer savory and clove essential oils against Aspergillus flavus in liquid medium and tomato paste. Food Control, 2007, 18, 1518-1523.	2.8	268
98	Effect of Varieties on the Composition of Dates (Phoenix <i>dactylifera</i> L.) — Note. Food Science and Technology International, 2007, 13, 269-275.	1.1	35
99	Evaluation of culture conditions for cellulase production by two Trichoderma reesei mutants under solid-state fermentation conditions. Bioresource Technology, 2007, 98, 3634-3637.	4.8	127
100	Comparison of fatty acid composition in total lipid of diapause and non-diapause larvae of Cydia pomonella (Lepidoptera: Tortricidae). Insect Science, 2007, 14, 125-131.	1.5	29
101	Seasonal Changes of Fatty Acid Compositions in Overwintering Larvae of Rice Stem Borer, Chilo suppressalis (Lepidoptera: Pyralidae). Journal of Asia-Pacific Entomology, 2007, 10, 33-38.	0.4	13
102	Cold tolerance and trehalose accumulation in overwintering larvae of the codling moth, Cydia pomonella (Lepidoptera: Tortricidae). European Journal of Entomology, 2007, 104, 385-392.	1.2	67
103	Determination of fatty acids and total lipid content in oilseed of 25 pomegranates varieties grown in Iran. Journal of Food Composition and Analysis, 2006, 19, 676-680.	1.9	178
104	Interesterification of tea seed oil and its application in margarine production. JAOCS, Journal of the American Oil Chemists' Society, 2006, 83, 841-845.	0.8	21
105	Effect of Pigmy Mite Pediculaster fletchmanni (Acari: Siteroptidae) on Mineral Elements of Button Mushroom Agaricus bisporous. Pakistan Journal of Biological Sciences, 2006, 9, 2177-2180.	0.2	5
106	Antioxidant activity and total phenolic compounds of pistachio (Pistachia vera) hull extracts. Food Chemistry, 2005, 92, 521-525.	4.2	333
107	Supercritical fluid extraction of tea seed oil and its comparison with solvent extraction. European Food Research and Technology, 2005, 220, 401-405.	1.6	74
108	Application of some recently synthesized 9, 10-anthraquinone derivatives as new class of ionophores responsive to lead (II) ion. IEEE Sensors Journal, 2005, 5, 392-397.	2.4	16

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109	Note. Physicochemical Composition of Ten Pomegranate Cultivars (Punica granatum L.) Grown in Iran. Food Science and Technology International, 2005, 11, 113-119.	1.1	123
110	A PVCâ€Based Vanadyl Phosphate Membrane Potentiometric Sensor for Vanadyl Ions. Analytical Letters, 2004, 37, 203-212.	1.0	4
111	A Sensitive Catalytic-Photometric Method for the Determination of Trace Amounts of Palladium(II) by Using a Computerized Probe-Type Photometer1, 2. Journal of Analytical Chemistry, 2004, 59, 71-74.	0.4	2
112	Determination of Sulfide in Spring and Wastewater by a New Kinetic Spectrophotometric Method. Journal of the Chinese Chemical Society, 2004, 51, 517-521.	0.8	5
113	A New Kineticâ€Photometric Method for Determination of Carbimazole. Journal of the Chinese Chemical Society, 2004, 51, 363-366.	0.8	4
114	Catalytic Kinetic Determination of Trace Amounts of Palladium with Photometric Detection. Mikrochimica Acta, 2002, 140, 41-44.	2.5	5
115	A PVC-based capric acid membrane potentiometric sensor for lead(II) ions. Sensors and Actuators B: Chemical, 2001, 73, 199-204.	4.0	54
116	Kinetic spectrophotometric determination of trace amounts of nitrite by its reaction with molybdosilicic acid blue. Microchemical Journal, 2000, 65, 159-163.	2.3	34
117	Effect of parameters on supercritical fluid extraction of nitro-polynuclear aromatic hydrocarbons from sand. Analytica Chimica Acta, 1997, 349, 245-252.	2.6	10
118	Supercritical fluid extraction of phenoxy acids from water. Journal of High Resolution Chromatography, 1995, 18, 446-448.	2.0	16
119	On-Line coupling of supercritical fluid extraction with high performance liquid chromatography. Journal of High Resolution Chromatography, 1995, 18, 472-476.	2.0	22