

# Hamed Hamishehkar

## List of Publications by Year in descending order

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318  
papers

11,518  
citations

27035

58  
h-index

73587

79  
g-index

325  
all docs

325  
docs citations

325  
times ranked

13094  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of capsaicin in food industry: functionality, utilization and stabilization. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 4009-4025.	5.4	7
2	Synthesis and characterization of actively HER-2 Targeted Fe <sub>3</sub> O <sub>4</sub> @Au nanoparticles for molecular radiosensitization of breast cancer. <i>Biolmpacts</i> , 2023, 13, 17-29.	0.7	9
3	Orange Juice Processing Waste as a Biopolymer Base for Biodegradable Film Formation Reinforced with Cellulose Nanofiber and Activated with Nettle Essential Oil. <i>Journal of Polymers and the Environment</i> , 2022, 30, 258-269.	2.4	12
4	Coating of betanin and carvone Co-loaded nanoliposomes with synthesized cationic inulin: A strategy for enhancing the stability and bioavailability. <i>Food Chemistry</i> , 2022, 373, 131403.	4.2	22
5	Nanoliposomal co-encapsulation of cinnamon extract and zein hydrolysates with synergistic antioxidant activity for nutraceutical applications. <i>Chemical Papers</i> , 2022, 76, 2059-2069.	1.0	2
6	Characterization and Optimization of Persian Gum/Whey Protein Bionanocomposite Films Containing Betanin Nanoliposomes for Food Packaging Utilization. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2800-2811.	2.4	13
7	Comparing the effect of rooster semen extender supplemented with gamma-oryzanol and its nano form on post-thaw sperm quality and fertility. <i>Poultry Science</i> , 2022, 101, 101637.	1.5	4
8	Cationic inulin as a new surface decoration hydrocolloid for improving the stability of liposomal nanocarriers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 213, 112401.	2.5	6
9	The effect of testosterone and antioxidants nanoliposomes on gene expressions and sperm parameters in asthenospermic individuals. <i>Drug Development and Industrial Pharmacy</i> , 2022, , 1-13.	0.9	2
10	Nano-liposomal zein hydrolysate for improved apoptotic activity and therapeutic index in lung cancer treatment. <i>Drug Delivery</i> , 2022, 29, 1049-1059.	2.5	9
11	Nanocarrier-based dermatopharmaceutical formulations for the topical management of atopic dermatitis. <i>International Journal of Pharmaceutics</i> , 2022, 618, 121656.	2.6	18
12	Active gelatin/cress seed gum-based films reinforced with chitosan nanoparticles encapsulating pomegranate peel extract: Preparation and characterization. <i>Food Hydrocolloids</i> , 2022, 129, 107620.	5.6	64
13	Dry Powder Formulation of Simvastatin Nanoparticles for Potential Application in Pulmonary Arterial Hypertension. <i>Pharmaceutics</i> , 2022, 14, 895.	2.0	13
14	Targeted delivery of doxorubicin by Thermo/pH-responsive magnetic nanoparticles in a rat model of breast cancer. <i>Toxicology and Applied Pharmacology</i> , 2022, 446, 116036.	1.3	7
15	Characterization of electrospun nanofibers and solvent-casted films based on <i>Centaurea arvensis</i> anthocyanin-loaded PVA/̢-carrageenan and comparing their performance as colorimetric pH indicator. <i>Food Chemistry</i> , 2022, 388, 133057.	4.2	28
16	Development and characterization of the carvone-loaded zein/pullulan hybrid electrospun nanofibers for food and medical applications. <i>Industrial Crops and Products</i> , 2022, 183, 114964.	2.5	28
17	Triple-responsive drug nanocarrier: Magnetic core-shell nanoparticles of Fe <sub>3</sub> O <sub>4</sub> @poly(N-isopropylacrylamide)-grafted-chitosan, synthesis and in vitro cytotoxicity evaluation against human lung and breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 72, 103426.	1.4	18
18	<i>Spirulina platensis</i> protein hydrolysates: Techno-functional, nutritional and antioxidant properties. <i>Algal Research</i> , 2022, 65, 102739.	2.4	18

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19	Effect of microencapsulated bitter orange peel extract in coatings based on quince seed mucilage on the quality of rainbow trout fillets. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 3877-3887.	1.6	3
20	Recent advances in pain management based on nanoparticle technologies. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	21
21	Co-Delivery of erlotinib and resveratrol via nanostructured lipid Carriers: A synergistically promising approach for cell proliferation prevention and ROS-Mediated apoptosis activation. <i>International Journal of Pharmaceutics</i> , 2022, 624, 122027.	2.6	15
22	Multifunctional halochromic packaging materials: Saffron petal anthocyanin loaded-chitosan nanofiber/methyl cellulose matrices. <i>Food Hydrocolloids</i> , 2021, 111, 106237.	5.6	141
23	Does alpha-lipoic acid loaded nanostructured lipid carriers improve post-thawed sperm quality and ameliorate apoptosis-related genes of rooster sperm?. <i>Poultry Science</i> , 2021, 100, 357-365.	1.5	13
24	Carbohydrate-based films containing pH-sensitive red barberry anthocyanins: Application as biodegradable smart food packaging materials. <i>Carbohydrate Polymers</i> , 2021, 255, 117488.	5.1	126
25	Synthesis of novel superdisintegrants for pharmaceutical tableting based on functionalized nanocellulose hydrogels. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 667-675.	3.6	17
26	Effectiveness of topical caraway essential oil loaded into nanostructured lipid carrier as a promising platform for the treatment of infected wounds. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 610, 125748.	2.3	20
27	Development of a graphene oxide-poly lactide nanocomposite as a Smart Drug Delivery System. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 521-531.	3.6	42
28	Preparation and characterization of gelatin/β <sup>2</sup> -glucan nanocomposite film incorporated with ZnO nanoparticles as an active food packaging system. <i>Journal of Polymers and the Environment</i> , 2021, 29, 1143-1152.	2.4	23
29	Some physical properties of Persian lime ( <i>Citrus Latifolia</i> ) seeds and physicochemical properties of the seed oil as affected by solvent extraction and cold pressing methods. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 1169-1178.	1.6	12
30	Electrospraying as a novel method of particle engineering for drug delivery vehicles. <i>Journal of Controlled Release</i> , 2021, 330, 851-865.	4.8	40
31	Copolymer/graphene oxide nanocomposites as potential anticancer agents. <i>Polymer Bulletin</i> , 2021, 78, 4877-4898.	1.7	18
32	Effects of different stabilizers on colloidal properties and encapsulation efficiency of vitamin D3 loaded nano-niosomes. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 101284.	1.4	33
33	Modulation of LXR signaling altered the dynamic activity of human colon adenocarcinoma cancer stem cells in vitro. <i>Cancer Cell International</i> , 2021, 21, 100.	1.8	11
34	Comparative selectivity of nano and commercial formulations of pirimicarb on a target pest, <i>Brevicoryne brassicae</i> , and its predator <i>Chrysoperla carnea</i> . <i>Ecotoxicology</i> , 2021, 30, 361-372.	1.1	15
35	Preparation of nanobiocomposite film based on lemon waste containing cellulose nanofiber and savory essential oil: A new biodegradable active packaging system. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 352-361.	3.6	41
36	The effectiveness of Rutin for prevention of surgical induced endometriosis development in a rat model. <i>Scientific Reports</i> , 2021, 11, 7180.	1.6	21

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37	Quercetin-loaded niosomal nanoparticles prepared by the thin-layer hydration method: Formulation development, colloidal stability, and structural properties. <i>LWT - Food Science and Technology</i> , 2021, 141, 110865.	2.5	18
38	Characteristics and functional properties of Persian lime ( <i>Citrus latifolia</i> ) seed protein isolate and enzymatic hydrolysates. <i>LWT - Food Science and Technology</i> , 2021, 140, 110765.	2.5	39
39	Evaluation of co-nanoencapsulation process on the toxicity and biochemical metabolism of imidacloprid and lambda-cyhalothrin in <i>Myzus persicae</i> (Sulzer). <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 33, 101974.	1.5	6
40	Carrier Effect in Development of Rifampin Loaded Proliposome for Pulmonary Delivery: A Quality by Design Study. <i>Advanced Pharmaceutical Bulletin</i> , 2021, , .	0.6	2
41	Natural Phytochemicals Derived from Gymnosperms in the Prevention and Treatment of Cancers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6636.	1.8	10
42	Immobilization of $\alpha$ -amylase on modified magnetic zeolite (MAZE) coated with carboxymethyl cellulose (CMC) composite and its properties. <i>LWT - Food Science and Technology</i> , 2021, 144, 111214.	2.5	12
43	Immobilization of $\beta$ -galactosidase by halloysite-adsorption and entrapment in a cellulose nanocrystals matrix. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129896.	1.1	13
44	Comparative Evaluation of Apoptosis Induction Using Needles, Bark, and Pollen Extracts and Essential Oils of <i>Pinus eldarica</i> in Lung Cancer Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5763.	1.3	3
45	Resveratrol entrapped food grade lipid nanocarriers as a potential antioxidant in a mayonnaise. <i>Food Bioscience</i> , 2021, 41, 101041.	2.0	15
46	A quantitative approach to predicting lung deposition profiles of pharmaceutical powder aerosols. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120568.	2.6	16
47	Essential oils-loaded electrospun chitosan-poly(vinyl alcohol) nonwovens laminated on chitosan film as bilayer bioactive edible films. <i>LWT - Food Science and Technology</i> , 2021, 144, 111217.	2.5	39
48	Will stem cells from fat and growth factors from blood bring new hope to female patients with reproductive disorders?. <i>Reproductive Biology</i> , 2021, 21, 100472.	0.9	2
49	Potential of star-shaped polymeric nanoparticles of poly( $\epsilon$ -caprolactone) and poly (lactic-co-glycolic) Tj ETQq1 1 0.784314 rgBT /Ove 2021, 27, 102455.	0.9	0
50	Novel decorated nanostructured lipid carrier for simultaneous active targeting of three anti-cancer agents. <i>Life Sciences</i> , 2021, 279, 119576.	2.0	10
51	Antimicrobial bio-nanocomposite films based on gelatin, tragacanth, and zinc oxide nanoparticles " Microstructural, mechanical, thermo-physical, and barrier properties. <i>Food Chemistry</i> , 2021, 354, 129492.	4.2	67
52	Carboxylic acid decorated silica aerogel nanostructure as drug delivery carrier. <i>Microporous and Mesoporous Materials</i> , 2021, 323, 111220.	2.2	25
53	Pectin-sodium caseinat hydrogel containing olive leaf extract-nano lipid carrier: Preparation, characterization and rheological properties. <i>LWT - Food Science and Technology</i> , 2021, 148, 111757.	2.5	11
54	Nanophytosome as a promising carrier for improving cumin essential oil properties. <i>Food Bioscience</i> , 2021, 42, 101079.	2.0	9

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55	Antifungal Effects of Voriconazole-Loaded Nano-Liposome on Fluconazole-Resistant Clinical Isolates of <i>Candida albicans</i> , Biological Activity and <i>ERG11</i> , <i>CDR1</i> , and <i>CDR2</i> Gene Expression. <i>Assay and Drug Development Technologies</i> , 2021, 19, 453-462.	0.6	5
56	Flow Structure and Particle Deposition Analyses for Optimization of a Pressurized Metered Dose Inhaler (pMDI) in a Model of Tracheobronchial Airway. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 164, 105911.	1.9	32
57	Nanoliposomes increases Anti- <i>Trichomonas vaginalis</i> and apoptotic activities of metronidazole. <i>Acta Tropica</i> , 2021, 224, 106156.	0.9	2
58	Cytotoxicity of some choline-based deep eutectic solvents and their effect on solubility of coumarin drug. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 167, 106022.	1.9	10
59	Antioxidant, antimicrobial and cytotoxic activities of biosynthesized gold nanoparticles (AuNPs) from Chinese lettuce (CL) leave extract ( <i>Brassica rapa</i> var. <i>pekinensis</i> ). <i>Materials Today Communications</i> , 2021, 29, 102831.	0.9	12
60	Prevention of UV-induced skin cancer in mice by gamma oryzanol-loaded nanoethosomes. <i>Life Sciences</i> , 2021, 283, 119759.	2.0	15
61	Quinoa bioactive protein hydrolysate produced by pancreatin enzyme- functional and antioxidant properties. <i>LWT - Food Science and Technology</i> , 2021, 150, 111853.	2.5	41
62	Utilization of chickpea protein isolate and Persian gum for microencapsulation of licorice root extract towards its incorporation into functional foods. <i>Food Chemistry</i> , 2021, 362, 130040.	4.2	22
63	Sodium caseinate-coated and $\beta$ -cyclodextrin/vitamin E inclusion complex-loaded nanoliposomes: A novel stabilized nanocarrier. <i>LWT - Food Science and Technology</i> , 2021, 151, 112174.	2.5	16
64	Taurine in Septic Critically Ill Patients: Plasma versus Blood. <i>Advanced Pharmaceutical Bulletin</i> , 2021, , .	0.6	0
65	Nanophytosomes for enhancement of rutin efficacy in oral administration for diabetes treatment in streptozotocin-induced diabetic rats. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121208.	2.6	22
66	Optimization of Influential Variables in the Development of Buprenorphine and Bupivacaine Loaded Invasome for Dermal Delivery. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 522-529.	0.6	3
67	Main Approaches to Enhance Radiosensitization in Cancer Cells by Nanoparticles: A Systematic Review. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 212-223.	0.6	9
68	Engineering of Liposome Structure to Enhance Physicochemical Properties of <i>Spirulina plantensis</i> Protein Hydrolysate: Stability during Spray-Drying. <i>Antioxidants</i> , 2021, 10, 1953.	2.2	15
69	The colloidal and release properties of cardamom oil encapsulated nanostructured lipid carrier. <i>Journal of Dispersion Science and Technology</i> , 2020, 42, 1-9.	1.3	22
70	Effect of fortification with asparagus powder on the qualitative properties of processed cheese. <i>International Journal of Dairy Technology</i> , 2020, 73, 226-233.	1.3	21
71	Sensitive and selective spectrofluorimetric determination of clonazepam using nitrogen-doped carbon dots. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112197.	2.0	16
72	Development of a Carrier Free Dry Powder Inhalation Formulation of Ketotifen for Pulmonary Drug Delivery. <i>Drug Research</i> , 2020, 70, 26-32.	0.7	11

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73	Graphene quantum dot cross-linked carboxymethyl cellulose nanocomposite hydrogel for pH-sensitive oral anticancer drug delivery with potential bioimaging properties. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 1121-1129.	3.6	95
74	Therapeutic Application of Betalains: A Review. <i>Plants</i> , 2020, 9, 1219.	1.6	62
75	Co-electrospraying technology as a novel approach for dry powder inhalation formulation of montelukast and budesonide for pulmonary co-delivery. <i>International Journal of Pharmaceutics</i> , 2020, 591, 119970.	2.6	15
76	Harnessing WYE-132 as an inhibitor of the mTOR signaling enriches the cytotoxicity effect of vinblastine in B16F10 melanoma cancer cells. <i>Process Biochemistry</i> , 2020, 99, 123-130.	1.8	8
77	Nanostructured lipid carriers: Promising delivery systems for encapsulation of food ingredients. <i>Journal of Agriculture and Food Research</i> , 2020, 2, 100084.	1.2	36
78	Polycaprolactone nanofiber coated with chitosan and Gamma oryzanol functionalized as a novel wound dressing for healing infected wounds. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2358-2369.	3.6	40
79	Graphene oxide and reduced graphene oxide: Efficient cargo platforms for cancer theranostics. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101974.	1.4	31
80	A dual stimuli-responsive star-shaped nanocarrier as de novo drug delivery system for chemotherapy of solid tumors. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	9
81	Multifunctional betanin nanoliposomes-incorporated gelatin/chitosan nanofiber/ZnO nanoparticles nanocomposite film for fresh beef preservation. <i>Meat Science</i> , 2020, 167, 108161.	2.7	103
82	Immobilization and stabilization of pectinase on an activated montmorillonite support and its application in pineapple juice clarification. <i>Food Bioscience</i> , 2020, 36, 100625.	2.0	32
83	Cocoa butter and cocoa butter substitute as a lipid carrier of <i>Cuminum cyminum</i> L. essential oil; physicochemical properties, physical stability and controlled release study. <i>Journal of Molecular Liquids</i> , 2020, 314, 113638.	2.3	9
84	Development and characterization of reinforced ethyl cellulose based oleogel with adipic acid: Its application in cake and beef burger. <i>LWT - Food Science and Technology</i> , 2020, 126, 109277.	2.5	61
85	Nanovehicles for co-delivery of anticancer agents. <i>Drug Discovery Today</i> , 2020, 25, 1416-1430.	3.2	61
86	Dry powder inhaler aerosol deposition in a model of tracheobronchial airways: Validating CFD predictions with in vitro data. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119599.	2.6	26
87	Trace analysis of organophosphorus pesticide residues in fruit juices and vegetables by an electrochemically fabricated solid-phase microextraction fiber coated with a layer-by-layer graphenized graphite/graphene oxide/polyaniline nanocomposite. <i>Analytical Methods</i> , 2020, 12, 3268-3276.	1.3	17
88	Preparation and characterization of carnauba wax/adipic acid oleogel: A new reinforced oleogel for application in cake and beef burger. <i>Food Chemistry</i> , 2020, 333, 127446.	4.2	65
89	Novel carriers ensuring enhanced anti-cancer activity of <i>Cornus mas</i> (cornelian cherry) bioactive compounds. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109906.	2.5	26
90	Invasome: A Novel Nanocarrier for Transdermal Drug Delivery. <i>Nanomaterials</i> , 2020, 10, 341.	1.9	72

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91	Development of emulsion films based on bovine gelatin- $\epsilon$ -chitin- $\epsilon$ -ZnO for cake packaging. <i>Food Science and Nutrition</i> , 2020, 8, 1303-1312.	1.5	31
92	Development of human respiratory airway models: A review. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 145, 105233.	1.9	50
93	Polyester based polymeric nano and microparticles for pharmaceutical purposes: A review on formulation approaches. <i>Journal of Controlled Release</i> , 2020, 320, 265-282.	4.8	105
94	Development of novel active packaging films based on whey protein isolate incorporated with chitosan nanofiber and nano-formulated cinnamon oil. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 11-20.	3.6	106
95	Bacterial cellulose nano crystal as hydrocolloid matrix in immobilized $\beta$ -galactosidase onto silicon dioxide nanoparticles. <i>LWT - Food Science and Technology</i> , 2020, 123, 109091.	2.5	12
96	Novel nano-vehicle for delivery and efficiency of anticancer auraptene against colon cancer cells. <i>Scientific Reports</i> , 2020, 10, 1606.	1.6	31
97	Efficacy of furosemide-albumin compared with furosemide in critically ill hypoalbuminemia patients admitted to intensive care unit: a prospective randomized clinical trial. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 263-269.	0.9	8
98	Production of the processed cheese containing tomato powder and evaluation of its rheological, chemical and sensory characteristics. <i>Journal of Food Science and Technology</i> , 2020, 57, 2198-2205.	1.4	20
99	Effect of quercetin loaded liposomes or nanostructured lipid carrier (NLC) on post-thawed sperm quality and fertility of rooster sperm. <i>Theriogenology</i> , 2020, 152, 122-128.	0.9	32
100	Phytosterols as the core or stabilizing agent in different nanocarriers. <i>Trends in Food Science and Technology</i> , 2020, 101, 73-88.	7.8	47
101	Kinetics Analysis and Susceptibility Coefficient of the Pathogenic Bacteria by Titanium Dioxide and Zinc Oxide Nanoparticles. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 56-64.	0.6	32
102	Does resveratrol affect prepared sperm parameters and chromatin quality in normozoospermic and asthenozoospermic patients before and after freezing? A lab trial study. <i>International Journal of Reproductive BioMedicine</i> , 2020, 18, 755-764.	0.5	3
103	Antimicrobial Activity of Nanostructured Lipid Carriers Loaded Punica granatum Seed Oil against <i>Staphylococcus epidermidis</i> . <i>Pharmaceutical Nanotechnology</i> , 2020, 8, 485-494.	0.6	4
104	Impact of Tablet Shape on Drug Dissolution Rate Through Immediate Released Tablets. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 656-661.	0.6	11
105	Redox-responsive smart nanogels for intracellular targeting of therapeutic agents: applications and recent advances. <i>Journal of Drug Targeting</i> , 2019, 27, 408-422.	2.1	24
106	Relative Toxicity and Residual Activity of Nanocapsules and Commercial Formulations of Pirimicarb and Pymetrozine Against <i>Myzus persicae</i> (Hemiptera: Aphididae). <i>Journal of Economic Entomology</i> , 2019, 112, 2670-2675.	0.8	8
107	Skin toxicity of topically applied nanoparticles. <i>Therapeutic Delivery</i> , 2019, 10, 383-396.	1.2	33
108	Stomach-Specific Drug Delivery of Clarithromycin Using a Semi Interpenetrating Polymeric Network Hydrogel Made of Montmorillonite and Chitosan: Synthesis, Characterization and In Vitro Drug Release Study. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 159-173.	0.6	33

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109	Activated alginate-montmorillonite beads as an efficient carrier for pectinase immobilization. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 253-260.	3.6	31
110	Developed nano carbon-based coating for simultaneous extraction of potent central nervous system stimulants from urine media by stir bar sorptive extraction method coupled to high performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1125, 121701.	1.2	15
111	Nanostructured lipid carriers of ivermectin as a novel drug delivery system in hydatidosis. <i>Parasites and Vectors</i> , 2019, 12, 469.	1.0	21
112	Topical application of <i>Cinnamomum verum</i> essential oil accelerates infected wound healing process by increasing tissue antioxidant capacity and keratin biosynthesis. <i>Kaohsiung Journal of Medical Sciences</i> , 2019, 35, 686-694.	0.8	42
113	Chemical Composition and Antimicrobial Activity of Essential Oils from the Aerial Parts of <i>Pinus eldarica</i> Grown in Northwestern Iran. <i>Molecules</i> , 2019, 24, 3203.	1.7	44
114	Whey protein isolate-guar gum stabilized cumin seed oil nanoemulsion. <i>Food Bioscience</i> , 2019, 28, 49-56.	2.0	56
115	In situ synthesized chitosan-gelatin/ZnO nanocomposite scaffold with drug delivery properties: Higher antibacterial and lower cytotoxicity effects. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47590.	1.3	92
116	Investigation of physicochemical properties of essential oil loaded nanoliposome for enrichment purposes. <i>LWT - Food Science and Technology</i> , 2019, 105, 282-289.	2.5	42
117	Application of Reinforced ZnO Nanoparticle-Incorporated Gelatin Bionanocomposite Film with Chitosan Nanofiber for Packaging of Chicken Fillet and Cheese as Food Models. <i>Food and Bioprocess Technology</i> , 2019, 12, 1205-1219.	2.6	136
118	Enhancement of therapeutic efficacy of betanin for diabetes treatment by liposomal nanocarriers. <i>Journal of Functional Foods</i> , 2019, 59, 119-128.	1.6	54
119	Experimental investigation of aerosol deposition through a realistic respiratory airway replica: An evaluation for MDI and DPI performance. <i>International Journal of Pharmaceutics</i> , 2019, 566, 157-172.	2.6	31
120	Cinnamon nanophytosomes embedded electrospun nanofiber: Its effects on microbial quality and shelf-life of shrimp as a novel packaging. <i>Food Packaging and Shelf Life</i> , 2019, 21, 100349.	3.3	68
121	Extraction of red beet extract with $\beta$ -cyclodextrin-enhanced ultrasound assisted extraction: A strategy for enhancing the extraction efficacy of bioactive compounds and their stability in food models. <i>Food Chemistry</i> , 2019, 297, 124994.	4.2	66
122	Turmeric extract loaded nanoliposome as a potential antioxidant and antimicrobial nanocarrier for food applications. <i>Food Bioscience</i> , 2019, 29, 110-117.	2.0	42
123	<i>Plantago major</i> seed gum based biodegradable films: Effects of various plant oils on microstructure and physicochemical properties of emulsified films. <i>Polymer Testing</i> , 2019, 77, 105868.	2.3	49
124	Potential application of nanovesicles (niosomes and liposomes) for fortification of functional beverages with Isoleucine-Proline-Proline: A comparative study with central composite design approach. <i>Food Chemistry</i> , 2019, 293, 368-377.	4.2	26
125	Co-encapsulation of imidacloprid and lambda-cyhalothrin using biocompatible nanocarriers: Characterization and application. <i>Ecotoxicology and Environmental Safety</i> , 2019, 175, 155-163.	2.9	33
126	Garlic essential oil nanophytosomes as a natural food preservative: Its application in yogurt as food model. <i>Colloids and Interface Science Communications</i> , 2019, 30, 100176.	2.0	79



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127	A novel gold nanorods coated by stimuli-responsive ABC triblock copolymer for chemotherapy of solid tumors. <i>European Polymer Journal</i> , 2019, 115, 313-324.	2.6	13
128	Effect of pomegranate seed oil supplementation on the GLUT4 gene expression and glycemic control in obese people with type 2 diabetes: A randomized controlled clinical trial. <i>Journal of Cellular Physiology</i> , 2019, 234, 19621-19628.	2.0	32
129	Preparation and characterization of gelatin-based nanocomposite containing chitosan nanofiber and ZnO nanoparticles. <i>Carbohydrate Polymers</i> , 2019, 216, 376-384.	5.1	138
130	Ethambutol-Loaded Solid Lipid Nanoparticles as Dry Powder Inhalable Formulation for Tuberculosis Therapy. <i>AAPS PharmSciTech</i> , 2019, 20, 120.	1.5	90
131	Protection of casein hydrolysates within nanoliposomes: Antioxidant and stability characterization. <i>Journal of Food Engineering</i> , 2019, 251, 19-28.	2.7	48
132	Development of terbium-sensitized fluorescence method for the determination of alendronate in biological samples followed by magnetic solid-phase extraction. <i>Microchemical Journal</i> , 2019, 146, 888-894.	2.3	10
133	Encapsulation of Peppermint essential oil in nanostructured lipid carriers: In-vitro antibacterial activity and accelerative effect on infected wound healing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 564, 161-169.	2.3	82
134	Effect of resveratrol-loaded nanostructured lipid carriers supplementation in cryopreservation medium on post-thawed sperm quality and fertility of roosters. <i>Animal Reproduction Science</i> , 2019, 201, 32-40.	0.5	31
135	A novel smart PEGylated gelatin nanoparticle for co-delivery of doxorubicin and betanin: A strategy for enhancing the therapeutic efficacy of chemotherapy. <i>Materials Science and Engineering C</i> , 2019, 97, 833-841.	3.8	77
136	Nanostructured lipid carriers as a favorable delivery system for Î²-carotene. <i>Food Bioscience</i> , 2019, 27, 11-17.	2.0	57
137	Synthesis of polyhedral oligomeric silsesquioxane nano-crosslinked poly(ethylene glycol)-based hybrid hydrogels for drug delivery and antibacterial activity. <i>Polymer International</i> , 2019, 68, 667-674.	1.6	24
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