

Hamed Hamishehkar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2349051/publications.pdf>

Version: 2024-02-01

318
papers

11,518
citations

23567

58
h-index

64796

79
g-index

325
all docs

325
docs citations

325
times ranked

11906
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Variables on Particle Size of Solid Lipid Nanoparticles and Nanostructured Lipid Carriers; A Comparative Literature Review. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 143-151.	1.4	152
2	Use of gelatin and gum Arabic for encapsulation of black raspberry anthocyanins by complex coacervation. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1800-1810.	7.5	152
3	Multifunctional halochromic packaging materials: Saffron petal anthocyanin loaded-chitosan nanofiber/methyl cellulose matrices. <i>Food Hydrocolloids</i> , 2021, 111, 106237.	10.7	141
4	Improvement in the stability of betanin by liposomal nanocarriers: Its application in gummy candy as a food model. <i>Food Chemistry</i> , 2018, 256, 156-162.	8.2	139
5	Antibiotic loaded carboxymethylcellulose/MCM-41 nanocomposite hydrogel films as potential wound dressing. <i>International Journal of Biological Macromolecules</i> , 2016, 85, 327-334.	7.5	138
6	Preparation and characterization of gelatin-based nanocomposite containing chitosan nanofiber and ZnO nanoparticles. <i>Carbohydrate Polymers</i> , 2019, 216, 376-384.	10.2	138
7	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.	4.7	136
8	Physicochemical and antifungal properties of bio-nanocomposite film based on gelatin-chitin nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 373-381.	7.5	131
9	Solid Lipid Nanoparticles as Efficient Drug and Gene Delivery Systems: Recent Breakthroughs. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 151-159.	1.4	127
10	Carbohydrate-based films containing pH-sensitive red barberry anthocyanins: Application as biodegradable smart food packaging materials. <i>Carbohydrate Polymers</i> , 2021, 255, 117488.	10.2	126
11	Liposomes in cosmeceutics. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 443-455.	5.0	119
12	Cytotoxicity and DNA damage properties of tert-butylhydroquinone (TBHQ) food additive. <i>Food Chemistry</i> , 2014, 153, 315-320.	8.2	118
13	Nano-phytosome as a potential food-grade delivery system. <i>Food Bioscience</i> , 2016, 15, 126-135.	4.4	109
14	Effect of corn oil on physical, thermal, and antifungal properties of gelatin-based nanocomposite films containing nano chitin. <i>LWT - Food Science and Technology</i> , 2017, 76, 33-39.	5.2	106
15	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.	7.5	106
16	Polyester based polymeric nano and microparticles for pharmaceutical purposes: A review on formulation approaches. <i>Journal of Controlled Release</i> , 2020, 320, 265-282.	9.9	105
17	Multifunctional betanin nanoliposomes-incorporated gelatin/chitosan nanofiber/ZnO nanoparticles nanocomposite film for fresh beef preservation. <i>Meat Science</i> , 2020, 167, 108161.	5.5	103
18	Cancer stem cells-emanated therapy resistance: Implications for liposomal drug delivery systems. <i>Journal of Controlled Release</i> , 2018, 288, 62-83.	9.9	101

#	ARTICLE	IF	CITATIONS
19	Co-delivery with nano-quercetin enhances doxorubicin-mediated cytotoxicity against MCF-7 cells. <i>Molecular Biology Reports</i> , 2016, 43, 99-105.	2.3	96
20	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.	7.5	95
21	Antioxidant, Antimicrobial and Physicochemical Properties of Turmeric Extract-Loaded Nanostructured Lipid Carrier (NLC). <i>Colloids and Interface Science Communications</i> , 2018, 22, 18-24.	4.1	92
22	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.	2.6	92
23	Ethambutol-Loaded Solid Lipid Nanoparticles as Dry Powder Inhalable Formulation for Tuberculosis Therapy. <i>AAPS PharmSciTech</i> , 2019, 20, 120.	3.3	90
24	Smart thermo/pH responsive magnetic nanogels for the simultaneous delivery of doxorubicin and methotrexate. <i>International Journal of Pharmaceutics</i> , 2015, 487, 274-284.	5.2	84
25	Food grade nanostructured lipid carrier for cardamom essential oil: Preparation, characterization and antimicrobial activity. <i>Journal of Functional Foods</i> , 2018, 40, 1-8.	3.4	84
26	Double emulsion followed by complex coacervation as a promising method for protection of black raspberry anthocyanins. <i>Food Hydrocolloids</i> , 2018, 77, 803-816.	10.7	84
27	Nano graphene oxide: A novel carrier for oral delivery of flavonoids. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 331-338.	5.0	83
28	Formulation, characterization and cytotoxicity studies of alendronate sodium-loaded solid lipid nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 21-28.	5.0	82
29	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.	4.7	82
30	Novel nanostructured lipid carriers as a promising food grade delivery system for rutin. <i>Journal of Functional Foods</i> , 2016, 26, 167-175.	3.4	80
31	Niosomes as a propitious carrier for topical drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 261-272.	5.0	79
32	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.	4.1	79
33	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.	7.3	77
34	The Effect of Particle Size on the Deposition of Solid Lipid Nanoparticles in Different Skin Layers: A Histological Study. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 31-36.	1.4	77
35	Luteolin-loaded Phytosomes Sensitize Human Breast Carcinoma MDA-MB 231 Cells to Doxorubicin by Suppressing Nrf2 Mediated Signalling. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 5311-5316.	1.2	75
36	Sustained release of melatonin: A novel approach in elevating efficacy of tamoxifen in breast cancer treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 64-71.	5.0	74

#	ARTICLE	IF	CITATIONS
37	Synthesis and characterization of high efficient photoluminescent sunlight driven photocatalyst of N-Carbon Quantum Dots. <i>Journal of Luminescence</i> , 2018, 201, 265-274.	3.1	74
38	Formulation of nanoliposomal vitamin d3 for potential application in beverage fortification. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 569-75.	1.4	74
39	Vitamin A palmitate-bearing nanoliposomes: Preparation and characterization. <i>Food Bioscience</i> , 2016, 13, 49-55.	4.4	73
40	Development of Gelatin Bionanocomposite Films Containing Chitin and ZnO Nanoparticles. <i>Food and Bioprocess Technology</i> , 2017, 10, 1441-1453.	4.7	73
41	Invasome: A Novel Nanocarrier for Transdermal Drug Delivery. <i>Nanomaterials</i> , 2020, 10, 341.	4.1	72
42	Alternative carriers in dry powder inhaler formulations. <i>Drug Discovery Today</i> , 2014, 19, 618-626.	6.4	69
43	Enhanced stability and dermal delivery of hydroquinone using solid lipid nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 1004-1010.	5.0	69
44	Phosphatidylcholine-rutin complex as a potential nanocarrier for food applications. <i>Journal of Functional Foods</i> , 2017, 33, 134-141.	3.4	69
45	Nano-Phytosome: A Developing Platform for Herbal Anti-Cancer Agents in Cancer Therapy. <i>Current Drug Targets</i> , 2018, 19, 170-180.	2.1	69
46	Dermal delivery of doxorubicin-loaded solid lipid nanoparticles for the treatment of skin cancer. <i>Journal of Microencapsulation</i> , 2016, 33, 372-380.	2.8	68
47	Pectin-zinc-chitosan-polyethylene glycol colloidal nano-suspension as a food grade carrier for colon targeted delivery of resveratrol. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 16-22.	7.5	68
48	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.	7.5	68
49	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.	8.2	67
50	Chitosan films incorporated with nettle (<i>Urtica dioica L.</i>) extract-loaded nanoliposomes: I. Physicochemical characterisation and antimicrobial properties. <i>Journal of Microencapsulation</i> , 2016, 33, 438-448.	2.8	66
51	Low intensity ultrasound increases the fermentation efficiency of <i>Lactobacillus casei</i> subsp. <i>casei</i> ATCC 39392. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 462-467.	7.5	66
52	Extraction of red beet extract with β -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.	8.2	66
53	Vitamin D3-Loaded Nanostructured Lipid Carriers as a Potential Approach for Fortifying Food Beverages; in Vitro and in Vivo Evaluation. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 61-71.	1.4	65
54	Targeted hyaluronic acid-based lipid nanoparticle for apigenin delivery to induce Nrf2-dependent apoptosis in lung cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 268-276.	3.0	65

#	ARTICLE	IF	CITATIONS
55	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.	8.2	65
56	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.	10.7	64
57	A Novel Approach to Prepare Insulin-Loaded Poly (Lactic-Co-Glycolic Acid) Microcapsules and the Protein Stability Study. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 1712-1731.	3.3	62
58	Engineered gold nanoparticles for photothermal cancer therapy and bacteria killing. <i>RSC Advances</i> , 2016, 6, 111482-111516.	3.6	62
59	Therapeutic Application of Betalains: A Review. <i>Plants</i> , 2020, 9, 1219.	3.5	62
60	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.	5.2	61
61	Nanovehicles for co-delivery of anticancer agents. <i>Drug Discovery Today</i> , 2020, 25, 1416-1430.	6.4	61
62	Encapsulation of Vitamin A Palmitate in Nanostructured Lipid Carrier (NLC)-Effect of Surfactant Concentration on the Formulation Properties. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 563-8.	1.4	61
63	The effect of formulation variables on the characteristics of insulin-loaded poly(lactic-co-glycolic) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Surfaces B: Biointerfaces, 2009, 74, 340-349.	5.0	60
64	A Smart pH-responsive Nano-Carrier as a Drug Delivery System: A hybrid system comprised of mesoporous nanosilica MCM-41 (as a nano-container) & a pH-sensitive polymer (as smart reversible) Tj ETQq0 0,0 rgBT /Overlock 1 European Journal of Pharmaceutical Sciences, 2016, 93, 64-73.	4.0	60
65	Cyto/Genotoxicity Study of Polyoxyethylene (20) Sorbitan Monolaurate (Tween 20). <i>DNA and Cell Biology</i> , 2013, 32, 498-503.	1.9	59
66	Redox and pH-responsive gold nanoparticles as a new platform for simultaneous triple anti-cancer drugs targeting. <i>International Journal of Pharmaceutics</i> , 2017, 520, 126-138.	5.2	59
67	Formulation of food grade nanostructured lipid carrier (NLC) for potential applications in medicinal-functional foods. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 50-58.	3.0	59
68	Design and fabrication of a food-grade albumin-stabilized nanoemulsion. <i>Food Hydrocolloids</i> , 2015, 44, 220-228.	10.7	58
69	Immobilization of α -amylase on chitosan-montmorillonite nanocomposite beads. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 354-360.	7.5	58
70	Physical properties of carboxymethyl cellulose based nano-biocomposites with Graphene nano-platelets. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 16-23.	7.5	57
71	Nanostructured lipid carriers as a favorable delivery system for β -carotene. <i>Food Bioscience</i> , 2019, 27, 11-17.	4.4	57
72	Whey protein isolate-guar gum stabilized cumin seed oil nanoemulsion. <i>Food Bioscience</i> , 2019, 28, 49-56.	4.4	56

#	ARTICLE	IF	CITATIONS
73	Development of biocompatible fluorescent gelatin nanocarriers for cell imaging and anticancer drug targeting. <i>Journal of Materials Science</i> , 2018, 53, 10679-10691.	3.7	55
74	Preparation, characterization and anti-proliferative effects of sclareol-loaded solid lipid nanoparticles on A549 human lung epithelial cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 45, 272-280.	3.0	55
75	Improved anticancer effects of epigallocatechin gallate using RGD-containing nanostructured lipid carriers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 283-292.	2.8	54
76	Bioemulsifiers Derived from Microorganisms: Applications in the Drug and Food Industry. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 191-199.	1.4	54
77	Enhancement of therapeutic efficacy of betanin for diabetes treatment by liposomal nanocarriers. <i>Journal of Functional Foods</i> , 2019, 59, 119-128.	3.4	54
78	Geno- and cytotoxicity of propyl gallate food additive. <i>Drug and Chemical Toxicology</i> , 2014, 37, 241-246.	2.3	53
79	Development of dual responsive nanocomposite for simultaneous delivery of anticancer drugs. <i>Journal of Drug Targeting</i> , 2014, 22, 327-342.	4.4	51
80	Development of quantum-dot-encapsulated liposome-based optical nanobiosensor for detection of telomerase activity without target amplification. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1301-1310.	3.7	51
81	Development of human respiratory airway models: A review. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 145, 105233.	4.0	50
82	Plantago major 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.	4.8	49
83	Galbanic acid inhibits HIF-1 α expression via EGFR/HIF-1 α pathway in cancer cells. <i>Anticancer Research</i> , 2015, 101, 1-12.		48
84	Protection of casein hydrolysates within nanoliposomes: Antioxidant and stability characterization. <i>Journal of Food Engineering</i> , 2019, 251, 19-28.	5.2	48
85	Histological assessment of follicular delivery of flutamide by solid lipid nanoparticles: potential tool for the treatment of androgenic alopecia. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 846-853.	2.0	47
86	Preparation of novel high performance recoverable and natural sunlight-driven nanocomposite photocatalyst of Fe ₃ O ₄ /C/TiO ₂ /N-CQDs. <i>Materials Science in Semiconductor Processing</i> , 2018, 87, 142-154.	4.0	47
87	Phytosterols as the core or stabilizing agent in different nanocarriers. <i>Trends in Food Science and Technology</i> , 2020, 101, 73-88.	15.1	47
88	Effect of carrier morphology and surface characteristics on the development of respirable PLGA microcapsules for sustained-release pulmonary delivery of insulin. <i>International Journal of Pharmaceutics</i> , 2010, 389, 74-85.	5.2	46
89	Preparation of thermo and pH-responsive polymer@Au/Fe ₃ O ₄ core/shell nanoparticles as a carrier for delivery of anticancer agent. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	46
90	Histopathological evaluation of caffeine-loaded solid lipid nanoparticles in efficient treatment of cellulite. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1640-1646.	2.0	46

#	ARTICLE	IF	CITATIONS
91	Particle size design of PLGA microspheres for potential pulmonary drug delivery using response surface methodology. <i>Journal of Microencapsulation</i> , 2009, 26, 1-8.	2.8	45
92	Design and development of PCR-free highly sensitive electrochemical assay for detection of telomerase activity using Nano-based (liposomal) signal amplification platform. <i>Biosensors and Bioelectronics</i> , 2016, 80, 426-432.	10.1	44
93	Preparation and characterization of Betasitosterol-loaded nanostructured lipid carriers for butter enrichment. <i>Food Bioscience</i> , 2017, 20, 51-55.	4.4	44
94	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.	3.8	44
95	Enhanced stability and catalytic activity of immobilized α -amylase on modified Fe ₃ O ₄ nanoparticles for potential application in food industries. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	43
96	<i>In vitro/vivo</i> studies towards mechanisms of risperidone-induced oxidative stress and the protective role of coenzyme Q10 and N-acetylcysteine. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 520-528.	2.7	43
97	Magnetic nano graphene oxide as solid phase extraction adsorbent coupled with liquid chromatography to determine pseudoephedrine in urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1009-1010, 66-72.	2.3	43
98	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.	1.9	42
99	Investigation of physicochemical properties of essential oil loaded nanoliposome for enrichment purposes. <i>LWT - Food Science and Technology</i> , 2019, 105, 282-289.	5.2	42
100	Turmeric extract loaded nanoliposome as a potential antioxidant and antimicrobial nanocarrier for food applications. <i>Food Bioscience</i> , 2019, 29, 110-117.	4.4	42
101	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.	7.5	42
102	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.	7.5	41
103	Quinoa bioactive protein hydrolysate produced by pancreatin enzyme- functional and antioxidant properties. <i>LWT - Food Science and Technology</i> , 2021, 150, 111853.	5.2	41
104	Preparation and Characterization of Rutin-loaded Nanophytosomes. <i>Pharmaceutical Sciences</i> , 2015, 21, 145-151.	0.8	41
105	Pharmacological and histological examination of atorvastatin-PVP K30 solid dispersions. <i>Powder Technology</i> , 2015, 286, 538-545.	4.2	40
106	A novel dual-responsive core-crosslinked magnetic-gold nanogel for triggered drug release. <i>Materials Science and Engineering C</i> , 2016, 68, 436-444.	7.3	40
107			

#	ARTICLE	IF	CITATIONS
109	Electrospraying as a novel method of particle engineering for drug delivery vehicles. <i>Journal of Controlled Release</i> , 2021, 330, 851-865.	9.9	40
110	Ternary-responsive magnetic nanocarriers for targeted delivery of thiol-containing anticancer drugs. <i>New Journal of Chemistry</i> , 2016, 40, 3561-3570.	2.8	39
111	Carbon coated magnetic nanoparticles as a novel magnetic solid phase extraction adsorbent for simultaneous extraction of methamphetamine and ephedrine from urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1041-1042, 113-119.	2.3	39
112	Vitamin D-Loaded Nanostructured Lipid Carrier (NLC): A New Strategy for Enhancing Efficacy of Doxorubicin in Breast Cancer Treatment. <i>Nutrition and Cancer</i> , 2017, 69, 840-848.	2.0	39
113	A novel multi stimuli-responsive PEGylated hybrid gold/nanogels for co-delivery of doxorubicin and 6-mercaptopurine. <i>Materials Science and Engineering C</i> , 2018, 92, 599-611.	7.3	39
114	Inulinase immobilized gold-magnetic nanoparticles as a magnetically recyclable biocatalyst for facial and efficient inulin biotransformation to high fructose syrup. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 846-855.	7.5	39
115	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.	5.2	39
116	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.	5.2	39
117	Surface decoration of magnetic nanoparticles with folate-conjugated poly(N-isopropylacrylamide-co-itaconic acid): A facial synthesis of dual-responsive nanocarrier for targeted delivery of doxorubicin. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 683-694.	3.4	38
118	Formulation of Menthol-Loaded Nanostructured Lipid Carriers to Enhance Its Antimicrobial Activity for Food Preservation. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 261-268.	1.4	37
119	Carbon dots preparation as a fluorescent sensing platform for highly efficient detection of Fe(III) ions in biological systems. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 934-939.	3.9	36
120	Chrysin loaded nanostructured lipid carriers (NLCs) triggers apoptosis in MCF-7 cancer cells by inhibiting the Nrf2 pathway. <i>Process Biochemistry</i> , 2017, 60, 84-91.	3.7	36
121	Fabrication of all-trans-retinoic acid-loaded biocompatible precircol: A strategy for escaping dose-dependent side effects of doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 620-628.	5.0	36
122	Nanostructured lipid carriers: Promising delivery systems for encapsulation of food ingredients. <i>Journal of Agriculture and Food Research</i> , 2020, 2, 100084.	2.5	36
123	Improvement of citral antimicrobial activity by incorporation into nanostructured lipid carriers: A potential application in food stuffs as a natural preservative. <i>Research in Pharmaceutical Sciences</i> , 2017, 12, 409.	1.8	36
124	Pharmacokinetics and pharmacodynamics of controlled release insulin loaded PLGA microcapsules using dry powder inhaler in diabetic rats. <i>Biopharmaceutics and Drug Disposition</i> , 2010, 31, 189-201.	1.9	34
125	Comparison of Breastmilk Odor and Vanilla Odor on Mitigating Premature Infants' Response to Pain During and After Venipuncture. <i>Breastfeeding Medicine</i> , 2015, 10, 362-365.	1.7	34
126	Effect of egg yolk plasma and soybean lecithin on rooster frozen-thawed sperm quality and fertility. <i>Theriogenology</i> , 2018, 116, 89-94.	2.1	34

#	ARTICLE	IF	CITATIONS
127	A multilayer hollow nanocarrier for pulmonary co-drug delivery of methotrexate and doxorubicin in the form of dry powder inhalation formulation. <i>Materials Science and Engineering C</i> , 2019, 99, 752-761.	7.3	34
128	Triamcinolone Acetonide Oromucoadhesive Paste for Treatment of Aphthous Stomatitis. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 277-282.	1.4	33
129	Vitamin E Loaded Nanoliposomes: Effects of Gammaoryzanol, Polyethylene Glycol and Lauric Acid on Physicochemical Properties. <i>Colloids and Interface Science Communications</i> , 2018, 26, 1-6.	4.1	33
130	Skin toxicity of topically applied nanoparticles. <i>Therapeutic Delivery</i> , 2019, 10, 383-396.	2.2	33
131	Stomach-Specific Drug Delivery of Clarithromycin Using aSemi Interpenetrating Polymeric Network Hydrogel Made ofMontmorillonite and Chitosan: Synthesis, Characterization and InVitro Drug Release Study. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 159-173.	1.4	33
132	Co-encapsulation of imidacloprid and lambda-cyhalothrin using biocompatible nanocarriers: Characterization and application. <i>Ecotoxicology and Environmental Safety</i> , 2019, 175, 155-163.	6.0	33
133	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.	3.0	33
134	Evaluation of physicochemical properties and in vivo efficiency of atorvastatin calcium/ezetimibe solid dispersions. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 82, 21-30.	4.0	32
135	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.	4.1	32
136	Immobilization and stabilization of pectinase on an activated montmorillonite support and its application in pineapple juice clarification. <i>Food Bioscience</i> , 2020, 36, 100625.	4.4	32
137	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.	4.0	32
138	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.	2.1	32
139	Nanoethosomes for Dermal Delivery of Lidocaine. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 549-556.	1.4	32
140	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.	1.4	32
141	Enhancing percutaneous delivery of methotrexate using different types of surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 422-426.	5.0	31
142	Fabrication of polymeric nanoparticles of poly(ethylene vinyl acetate) coated with chitosan for pulmonary delivery of carvedilol. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	31
143	Development of new ultrasonic solvent assisted method for determination of trans-resveratrol from red grapes: Optimization, characterization, and antioxidant activity (ORAC assay). <i>Food Bioscience</i> , 2017, 20, 36-42.	4.4	31
144	Activated alginate-montmorillonite beads as an efficient carrier for pectinase immobilization. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 253-260.	7.5	31

#	ARTICLE	IF	CITATIONS
145	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.	5.2	31
146	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.	1.5	31
147	Graphene oxide and reduced graphene oxide: Efficient cargo platforms for cancer theranostics. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101974.	3.0	31
148	Development of emulsion films based on bovine gelatin- ϵ -nano chitin- ϵ -nano ZnO for cake packaging. <i>Food Science and Nutrition</i> , 2020, 8, 1303-1312.	3.4	31
149	Novel nano-vehicle for delivery and efficiency of anticancer auraptene against colon cancer cells. <i>Scientific Reports</i> , 2020, 10, 1606.	3.3	31
150	A novel polymeric micelle-decorated Fe ₃ O ₄ /Au core-shell nanoparticle for pH and reduction-responsive intracellular co-delivery of doxorubicin and 6-mercaptopurine. <i>New Journal of Chemistry</i> , 2018, 42, 18038-18049.	2.8	30
151	Development of dry powder inhaler containing tadalafil-loaded PLGA nanoparticles. <i>Research in Pharmaceutical Sciences</i> , 2017, 12, 222.	1.8	30
152	Formulation and optimization of celecoxib-loaded PLGA nanoparticles by the Taguchi design and their <i>in vitro</i> cytotoxicity for lung cancer therapy. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 791-800.	2.4	29
153	Lactose engineering for better performance in dry powder inhalers. <i>Advanced Pharmaceutical Bulletin</i> , 2012, 2, 183-7.	1.4	29
154	Formulation of gammaoryzanol-loaded nanoparticles for potential application in fortifying food products. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 549-54.	1.4	29
155	Influence of carrier particle size, carrier ratio and addition of fine ternary particles on the dry powder inhalation performance of insulin-loaded PLGA microcapsules. <i>Powder Technology</i> , 2010, 201, 289-295.	4.2	28
156	Preparation of pH sensitive insulin-loaded nano hydrogels and evaluation of insulin releasing in different pH conditions. <i>Molecular Biology Reports</i> , 2014, 41, 6705-6712.	2.3	28
157	Interactions of cephalexin with bovine serum albumin: displacement reaction and molecular docking. <i>Biolmpacts</i> , 2016, 6, 125-133.	1.5	28
158	Effects of Breast Milk and Vanilla Odors on Premature Neonate's Heart Rate and Blood Oxygen Saturation During and After Venipuncture. <i>Pediatrics and Neonatology</i> , 2016, 57, 225-231.	0.9	28
159	Characterization of electrospun nanofibers and solvent-casted films based on <i>Centaurea arvensis</i> anthocyanin-loaded PVA/ κ -carrageenan and comparing their performance as colorimetric pH indicator. <i>Food Chemistry</i> , 2022, 388, 133057.	8.2	28
160	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.	5.2	28
161	Enhancement of percutaneous absorption of Finasteride by cosolvents, cosurfactant and surfactants. <i>Pharmaceutical Development and Technology</i> , 2010, 15, 619-625.	2.4	27
162	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.	8.2	26

#	ARTICLE	IF	CITATIONS
163	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.	5.2	26
164	Novel carriers ensuring enhanced anti-cancer activity of Cornus mas (cornelian cherry) bioactive compounds. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109906.	5.6	26
165	Improvement of dermal delivery of tetracycline using vesicular nanostructures. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 385.	1.8	26
166	Novel thermoresponsive star-like nanomicelles for targeting of anticancer agent. <i>European Polymer Journal</i> , 2018, 107, 143-154.	5.4	25
167	Carboxylic acid decorated silica aerogel nanostructure as drug delivery carrier. <i>Microporous and Mesoporous Materials</i> , 2021, 323, 111220.	4.4	25
168	Nanoethosomal formulation of gammaoryzanol for skin-aging protection and wrinkle improvement: a histopathological study. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1154-1162.	2.0	24
169	Redox-responsive smart nanogels for intracellular targeting of therapeutic agents: applications and recent advances. <i>Journal of Drug Targeting</i> , 2019, 27, 408-422.	4.4	24
170	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.	3.1	24
171	Evaluation of Antioxidant Activity and Cytotoxicity of Cumin Seed Oil Nanoemulsion Stabilized by Sodium Caseinate- Guar Gum. <i>Pharmaceutical Sciences</i> , 2017, 23, 293-300.	0.2	24
172	Aggregated Nanotransfersomal Dry Powder Inhalation of Itraconazole for Pulmonary Drug Delivery. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 57-64.	1.4	23
173	Preparation and characterization of gelatin/β ² -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.	5.0	23
174	Simvastatin versus Calcium Hydroxide Direct Pulp Capping of Human Primary Molars: A Randomized Clinical Trial. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2013, 7, 8-14.	1.0	23
175	Solid lipid microparticles for enhanced dermal delivery of tetracycline HCl. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 14-20.	5.0	22
176	Comparison of the Effects of Curcumin Mucoadhesive Paste and Local Corticosteroid on the Treatment of Erosive Oral Lichen Planus Lesions. <i>Journal of the National Medical Association</i> , 2018, 110, 92-97.	0.8	22
177	A review on the role of lipid-based nanoparticles in medical diagnosis and imaging. <i>Therapeutic Delivery</i> , 2018, 9, 557-569.	2.2	22
178	Improvement in dispersibility, stability and antioxidant activity of resveratrol using a colloidal nanodispersion of BSA-resveratrol. <i>Food Bioscience</i> , 2019, 27, 46-53.	4.4	22
179	The colloidal and release properties of cardamom oil encapsulated nanostructured lipid carrier. <i>Journal of Dispersion Science and Technology</i> , 2020, 42, 1-9.	2.4	22
180	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.	8.2	22

#	ARTICLE	IF	CITATIONS
181	Oral and IV Dosages of Doxorubicin-Methotrexate loaded-Nanoparticles Inhibit Progression of Oral Cancer by Down-Regulation of Matrix Metalloproteinase 2 Expression in Vivo. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 15, 10705-10711.	1.2	22
182	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.	5.2	22
183	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.	8.2	22
184	The Relationship between Solubility and Transdermal Absorption of Tadalafil. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 411-417.	1.4	21
185	Nanostructured lipid carriers of ivermectin as a novel drug delivery system in hydatidosis. <i>Parasites and Vectors</i> , 2019, 12, 469.	2.5	21
186	Effect of fortification with asparagus powder on the qualitative properties of processed cheese. <i>International Journal of Dairy Technology</i> , 2020, 73, 226-233.	2.8	21
187	The effectiveness of Rutin for prevention of surgical induced endometriosis development in a rat model. <i>Scientific Reports</i> , 2021, 11, 7180.	3.3	21
188	Zein-CMC-PEG Multiple Nanocolloidal Systems as a Novel Approach for Nutra-Pharmaceutical Applications. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 262-270.	1.4	21
189	Optimization of the Ultrasonic-Assisted Extraction of Phenolic Compounds, Ferric Reducing Activity and Antioxidant Activity of the <i>Beta vulgaris</i> Using Response Surface Methodology. <i>Pharmaceutical Sciences</i> , 2015, 21, 46-50.	0.8	21
190	Formulation of a Food Grade Water-In-Oil Nanoemulsion: Factors Affecting on Stability. <i>Pharmaceutical Sciences</i> , 2015, 21, 220-224.	0.8	21
191	Recent advances in pain management based on nanoparticle technologies. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	9.1	21
192	Geno/cytotoxicity and Apoptotic Properties of Phenolic Compounds from the Seeds of <i>Dorema Glabrum</i> Fisch. C.A. <i>BiolImpacts</i> , 2014, 4, 191-198.	1.5	20
193	Preparation of Poly Acrylic Acid-Poly Acrylamide Composite Nanogels by Radiation Technique. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 269-275.	1.4	20
194	The effect of high methoxyl pectin and gellan including psyllium gel on Doogh stability. <i>RSC Advances</i> , 2015, 5, 42346-42353.	3.6	20
195	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.	4.7	20
196	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.	2.8	20
197	The Effect of Particle Size on the Deposition of Solid Lipid Nanoparticles in Different Skin Layers: A Histological Study. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 31-6.	1.4	20
198	A fast and simple spectrofluorometric method for the determination of alendronate sodium in pharmaceuticals. <i>BiolImpacts</i> , 2014, 4, 39-42.	1.5	20

#	ARTICLE	IF	CITATIONS
199	The application of magnetic nano graphene oxide in determination of methamphetamine by high performance liquid chromatography of urine samples. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1471-1480.	2.2	19
200	Physicochemical characterization of atorvastatin calcium/ezetimibe amorphous nano-solid dispersions prepared by electrospraying method. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1138-1145.	2.8	19
201	Novel DOX-MTX Nanoparticles Improve Oral SCC Clinical Outcome by Down Regulation of Lymph Dissemination Factor VEGF-C Expression in vivo: Oral and IV Modalities. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 6227-6232.	1.2	19
202	Physicochemical characterization and pharmacological evaluation of ezetimibe-PVP K30 solid dispersions in hyperlipidemic rats. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 423-430.	5.0	18
203	Development and validation of a magnetic solid-phase extraction with high-performance liquid chromatography method for the simultaneous determination of amphetamine and methadone in urine. <i>Journal of Separation Science</i> , 2016, 39, 2307-2312.	2.5	18
204	Histological evaluation of follicular delivery of arginine via nanostructured lipid carriers: a novel potential approach for the treatment of alopecia. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1379-1387.	2.8	18
205	Copolymer/graphene oxide nanocomposites as potential anticancer agents. <i>Polymer Bulletin</i> , 2021, 78, 4877-4898.	3.3	18
206	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.	5.2	18
207	Nanocarrier-based dermopharmaceutical formulations for the topical management of atopic dermatitis. <i>International Journal of Pharmaceutics</i> , 2022, 618, 121656.	5.2	18
208	Triple-responsive drug nanocarrier: Magnetic core-shell nanoparticles of Fe ₃ O ₄ @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.	3.0	18
209	<i>Spirulina platensis</i> protein hydrolysates: Techno-functional, nutritional and antioxidant properties. <i>Algal Research</i> , 2022, 65, 102739.	4.6	18
210	Niosomes as Carrier in Dermal Drug Delivery. , 0, , .		17
211	Nanostructured Lipid Carrier for Topical Application of N-Acetyl Glucosamine. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 581-587.	1.4	17
212	Intelligent anticancer drug delivery performances of two poly(N-isopropylacrylamide)-based magnetite nanohydrogels. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1254-1261.	2.0	17
213	Effectiveness of topical gel of medical leech (<i>Hirudo medicinalis</i>) saliva extract on patients with knee osteoarthritis: A randomized clinical trial. <i>Complementary Therapies in Clinical Practice</i> , 2018, 31, 352-359.	1.7	17
214	Formulation, characterization and cytotoxicity evaluation of ketotifen-loaded nanostructured lipid carriers. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 46, 268-273.	3.0	17
215	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.	2.7	17
216	Synthesis of novel superdisintegrants for pharmaceutical tableting based on functionalized nanocellulose hydrogels. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 667-675.	7.5	17

#	ARTICLE	IF	CITATIONS
217	Sensitive and selective spectrofluorimetric determination of clonazepam using nitrogen-doped carbon dots. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112197.	3.9	16
218	A quantitative approach to predicting lung deposition profiles of pharmaceutical powder aerosols. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120568.	5.2	16
219	Sodium caseinate-coated and β -cyclodextrin/vitamin E inclusion complex-loaded nanoliposomes: A novel stabilized nanocarrier. <i>LWT - Food Science and Technology</i> , 2021, 151, 112174.	5.2	16
220	Design and Optimization of Sustained-Release Divalproex Sodium Tablets with Response Surface Methodology. <i>AAPS PharmSciTech</i> , 2013, 14, 245-253.	3.3	15
221	Development, In Vitro Characterization, Antitumor and Aerosol Performance Evaluation of Respirable Prepared by Self-nanoemulsification Method. <i>Drug Research</i> , 2017, 67, 343-348.	1.7	15
222	Novel metronidazole-loaded hydrogel as a gastroretentive drug delivery system. <i>Iranian Polymer Journal (English Edition)</i> , 2017, 26, 895-901.	2.4	15
223	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.	2.3	15
224	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.	5.2	15
225	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.	2.4	15
226	Resveratrol entrapped food grade lipid nanocarriers as a potential antioxidant in a mayonnaise. <i>Food Bioscience</i> , 2021, 41, 101041.	4.4	15
227	Prevention of UV-induced skin cancer in mice by gamma oryzanol-loaded nanoethosomes. <i>Life Sciences</i> , 2021, 283, 119759.	4.3	15
228	Transcribed mRNA Delivery Using PLGA/PEI Nanoparticles into Human Monocyte-derived Dendritic Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1659-1675.	0.5	15
229	The effect of different coating materials on the prevention of powder bounce in the next generation impactor. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 283.	1.8	15
230	DOX-MTX-NPs Augment p53 mRNA Expression in OSCC Model in Rat: Effects of IV and Oral Routes. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 8377-8382.	1.2	15
231	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.	5.1	15
232	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.	5.2	15
233	Effects of gamma oryzanol on factors of oxidative stress and sepsis-induced lung injury in experimental animal model. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 1257-63.	1.0	14
234	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.	5.4	13

#	ARTICLE	IF	CITATIONS
235	In vivo Evaluation of Anti-Hyperglycemic, Anti-hyperlipidemic and Anti-Oxidant Status of Liver and Kidney of Thymol in STZ-Induced Diabetic Rats. <i>Drug Research</i> , 2019, 69, 46-52.	1.7	13
236	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.	3.4	13
237	Immobilization of β -galactosidase by halloysite-adsorption and entrapment in a cellulose nanocrystals matrix. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129896.	2.4	13
238	New formulated "DOX-MTX-loaded Nanoparticles" Down-regulate HER2 Gene Expression and Improve the Clinical Outcome in OSCCs Model in Rat: the Effect of IV and Oral Modalities. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 9355-9360.	1.2	13
239	A comparative histological study on the skin occlusion performance of a cream made of solid lipid nanoparticles and Vaseline. <i>Research in Pharmaceutical Sciences</i> , 2015, 10, 378-87.	1.8	13
240	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.	5.0	13
241	Dry Powder Formulation of Simvastatin Nanoparticles for Potential Application in Pulmonary Arterial Hypertension. <i>Pharmaceutics</i> , 2022, 14, 895.	4.5	13
242	Dopamine-loaded liposome and its application in electrochemical DNA biosensor. <i>Journal of Biomaterials Applications</i> , 2016, 31, 273-282.	2.4	12
243	Synthesis of a novel polymeric magnetic solid phase extraction adsorbent for selective extraction of amphetamine from urine samples coupled with high performance liquid chromatography. <i>Drug Testing and Analysis</i> , 2018, 10, 832-838.	2.6	12
244	Development and Characterization of Nanostructured Pharmacosomal Mesophases: An Innovative Delivery System for Bioactive Peptides. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 609-615.	1.4	12
245	BSA/Chitosan Polyelectrolyte Complex: A Platform for Enhancing the Loading and Cancer Cell-Uptake of Resveratrol. <i>Macromolecular Research</i> , 2018, 26, 808-813.	2.4	12
246	Bacterial cellulose nano crystal as hydrocolloid matrix in immobilized β -galactosidase onto silicon dioxide nanoparticles. <i>LWT - Food Science and Technology</i> , 2020, 123, 109091.	5.2	12
247	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.	3.2	12
248	Immobilization of α -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.	5.2	12
249	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.	5.0	12
250	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.	1.9	12
251	A Colon Targeted Delivery System for Resveratrol Enriching in pH Responsive-Model. <i>Pharmaceutical Sciences</i> , 2017, 23, 42-49.	0.2	12
252	Proniosomes in Transdermal Drug Delivery. <i>Current Pharmaceutical Design</i> , 2015, 21, 2883-2891.	1.9	12

#	ARTICLE	IF	CITATIONS
253	Inhibition of P-glycoprotein expression and function by anti-diabetic drugs gliclazide, metformin, and pioglitazone in vitro and in situ. <i>Research in Pharmaceutical Sciences</i> , 2016, 11, 177-86.	1.8	12
254	Microwave-Promoted Synthesis of Smart Superporous Hydrogel for the Development of Gastroretentive Drug Delivery System. <i>Advances in Polymer Technology</i> , 2015, 34, .	1.7	11
255	Development of a Carrier Free Dry Powder Inhalation Formulation of Ketotifen for Pulmonary Drug Delivery. <i>Drug Research</i> , 2020, 70, 26-32.	1.7	11
256	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.	4.1	11
257	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.	5.2	11
258	Immunohistochemical expression of Src protein in peripheral and central giant cell granulomas of the jaws. <i>Journal of Oral and Maxillofacial Pathology</i> , 2013, 17, 358.	0.6	11
259	Impact of Tablet Shape on Drug Dissolution Rate Through Immediate Released Tablets. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 656-661.	1.4	11
260	Evaluation of Relationship between Body Mass Index with Gene Expression and Vitamin D Levels of Follicular Fluid in Overweight Patients with Polycystic Ovary Syndrome. <i>International Journal of Fertility & Sterility</i> , 2017, 11, 105-111.	0.2	11
261	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.	4.5	10
262	Natural Phytochemicals Derived from Gymnosperms in the Prevention and Treatment of Cancers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6636.	4.1	10
263	Novel decorated nanostructured lipid carrier for simultaneous active targeting of three anti-cancer agents. <i>Life Sciences</i> , 2021, 279, 119576.	4.3	10
264	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.	4.0	10
265	Folate-Targeted Nanostructured Lipid Carriers (NLCs) Enhance (Letrozol) Efficacy in MCF-7 Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 5185-5188.	1.2	10
266	Dramatic improvement in dissolution rate of albendazole by a simple, one-step, industrially scalable technique. <i>Research in Pharmaceutical Sciences</i> , 2016, 11, 435.	1.8	10
267	Application of response surface methodology and spectroscopic approach for investigating of curcumin nanoencapsulation using natural biopolymers and nonionic surfactant. <i>Journal of Food Science and Technology</i> , 2016, 53, 3904-3915.	2.8	9
268	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.	2.4	9
269	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.	4.9	9
270	Nanophytosome as a promising carrier for improving cumin essential oil properties. <i>Food Bioscience</i> , 2021, 42, 101079.	4.4	9

#	ARTICLE	IF	CITATIONS
271	Assessment of the Blood Parameters, Cardiac and Liver Enzymes in Oral Squamous Cell Carcinoma Following Treated with Injectable Doxorubicin-Loaded Nano-Particles. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 1973-1977.	1.2	9
272	Main Approaches to Enhance Radiosensitization in Cancer Cells by Nanoparticles: A Systematic Review. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 212-223.	1.4	9
273	Synthesis and characterization of actively HER-2 Targeted Fe ₃ O ₄ @Au nanoparticles for molecular radiosensitization of breast cancer. <i>BioImpacts</i> , 2023, 13, 17-29.	1.5	9
274	Nano-liposomal zein hydrolysate for improved apoptotic activity and therapeutic index in lung cancer treatment. <i>Drug Delivery</i> , 2022, 29, 1049-1059.	5.7	9
275	Glutathione decorated gold-magnetic nanoparticles: efficient and recyclable catalyst for biotechnological and pharmaceutical applications. <i>Journal of Microencapsulation</i> , 2018, 35, 559-569.	2.8	8
276	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.	1.8	8
277	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.	3.7	8
278	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.	2.0	8
279	Synthesis of a novel superdisintegrant by starch derivatization with polysuccinimide and its application for the development of Ondansetron fast dissolving tablet. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 769-775.	2.0	7
280	Leucine-grafted starch as a new superdisintegrant for the formulation of domperidone tablets. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 50, 136-144.	3.0	7
281	Comparison of injectable doxorubicin & its nanodrug complex chemotherapy for the treatment of 4-nitroquinoline-1-oxide induced oral squamous cell carcinoma in rats. <i>Indian Journal of Medical Research</i> , 2017, 145, 112.	1.0	7
282	Applications of capsaicin in food industry: functionality, utilization and stabilization. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 4009-4025.	10.3	7
283	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.	2.8	7
284	Fasted state bioavailability of two delayed release formulations of divalproex sodium in healthy Iranian volunteers. <i>Arzneimittelforschung</i> , 2011, 61, 439-443.	0.4	6
285	The Effect of Spacer Morphology on the Aerosolization Performance of Metered-Dose Inhalers. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 257-260.	1.4	6
286	A comparative study on the potentials of nanoliposomes and nanoethosomes for Fluconazole delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 264-269.	3.0	6
287	Application of Spray Drying Technique for Flowability enhancement of Divalproex Sodium. <i>Drug Research</i> , 2018, 68, 168-173.	1.7	6
288	Quantification of <i>Toxoplasma gondii</i> in the tissues of BALB/c mice after immunization with nanoliposomal excretory-secretory antigens using Real-Time PCR. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2018, 59, 52-56.	1.6	6

#	ARTICLE	IF	CITATIONS
289	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.	3.1	6
290	Comparative of Evaluation between Erlotinib Loaded Nanostructured Lipid Carriers and Liposomes against A549 Lung Cancer Cell Line. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1168-1179.	0.5	6
291	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.	5.0	6
292	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.	1.2	5
293	Application of Multivariate Calibration Methods, in Dissolution Testing and Simultaneous Determination of Atorvastatin and Ezetimibe in Their Combined Solid Dosage Form. <i>Pharmaceutical Sciences</i> , 2016, 22, 105-111.	0.8	4
294	Antimicrobial Activity of Nanostructured Lipid Carriers Loaded Punica granatum Seed Oil against <i>Staphylococcus epidermidis</i> . <i>Pharmaceutical Nanotechnology</i> , 2020, 8, 485-494.	1.5	4
295	Medication errors in oral dosage form preparation for neonates: The importance of preparation technique. <i>Journal of Research in Pharmacy Practice</i> , 2015, 4, 147.	0.7	4
296	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.	3.4	4
297	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.	2.5	3
298	Enhanced in Vitro Anti-Tumor Activity of 5-Azacytidine by Entrapment into Solid Lipid Nanoparticles. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 367-375.	1.4	3
299	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.	0.9	3
300	Ambient pressure drug loading on trimethylchlorosilane silylated silica aerogel in aspirin controlled-release system. <i>Chemical Engineering Communications</i> , 0, , 1-14.	2.6	3
301	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.	1.4	3
302	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.	3.2	3
303	Exploring the association of rs10490924 polymorphism with age-related macular degeneration: An in silico approach. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 80, 52-58.	2.4	2
304	Carrier Effect in Development of Rifampin Loaded Proliposome for Pulmonary Delivery: A Quality by Design Study. <i>Advanced Pharmaceutical Bulletin</i> , 2021, , .	1.4	2
305	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.	1.9	2
306	Nanoliposomes increases Anti- <i>Trichomonas vaginalis</i> and apoptotic activities of metronidazole. <i>Acta Tropica</i> , 2021, 224, 106156.	2.0	2

#	ARTICLE	IF	CITATIONS
307	Physicochemical and Aerosolization Assessment of Inhalable Spray Dried Fluconazole Powder. <i>Pharmaceutical Sciences</i> , 2018, 24, 219-226.	0.2	2
308	Evaluation of Herbal Mouthwashes Containing Zataria Multiflora Boiss, Frankincense and Combination Therapy on Patients with Gingivitis: A Double-Blind, Randomized, Controlled, Clinical Trial. , 2019, 8, 1366.		2
309	Nanoliposomal co-encapsulation of cinnamon extract and zein hydrolysates with synergistic antioxidant activity for nutraceutical applications. <i>Chemical Papers</i> , 2022, 76, 2059-2069.	2.2	2
310	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.	2.0	2
311	Publisher's note. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 77, 280.	2.4	1
312	Effect of different concentrations of specific inhibitor of matrix metalloproteinases on the shear bond strength of self-adhesive resin cements to dentin. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, 0-0.	1.2	1
313	Isolation and characterization of human amniotic fluid and SH-SY5Y/ BE(2)-M17 cell derived exosomes. <i>Acta Neurobiologiae Experimentalis</i> , 2019, 79, 261-269.	0.7	1
314	<i>In vitro</i> and <i>in situ</i> effects of atorvastatin and ezetimibe on P-glycoprotein expression and function. <i>Bangladesh Journal of Pharmacology</i> , 2016, 11, 911.	0.4	0
315	Correction: In vivo Evaluation of Anti-Hyperglycemic, Anti-hyperlipidemic and Anti-Oxidant Status of Liver and Kidney of Thymol in STZ-Induced Diabetic Rats. <i>Drug Research</i> , 2018, , .	1.7	0
316	Potential of star-shaped polymeric nanoparticles of poly(μ -caprolactone) and poly (lactic-co-glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2021, 27, 102455.	1.9	0
317	Taurine in Septic Critically Ill Patients: Plasma versus Blood. <i>Advanced Pharmaceutical Bulletin</i> , 2021, , .	1.4	0
318	Combination of Solvent Displacement and Wet Ball Milling Techniques for Size Reduction of Celecoxib. <i>Pharmaceutical Sciences</i> , 2016, 22, 22-27.	0.8	0