

Bizhan Malaekheh-Nikouei

List of Publications by Year in descending order

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88
papers

2,345
citations

201674

27
h-index

243625

44
g-index

91
all docs

91
docs citations

91
times ranked

3741
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in the development of lipopolyplexes as efficient non-viral gene delivery systems. <i>Journal of Controlled Release</i> , 2016, 236, 1-14.	9.9	164
2	PREPARATION, CHARACTERIZATION, AND IN VIVO EVALUATION OF NANOLIPOSOMES-ENCAPSULATED BEVACIZUMAB (AVASTIN) FOR INTRAVITREAL ADMINISTRATION. <i>Retina</i> , 2009, 29, 699-703.	1.7	150
3	Nano strategies for berberine delivery, a natural alkaloid of <i>Berberis</i> . <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 465-473.	5.6	133
4	Docetaxel-Loaded Solid Lipid Nanoparticles: Preparation, Characterization, In Vitro, and In Vivo Evaluations. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 1994-2004.	3.3	93
5	Improvement of cytotoxic and apoptogenic properties of crocin in cancer cell lines by its nanoliposomal form. <i>Pharmaceutical Biology</i> , 2011, 49, 1039-1045.	2.9	90
6	Surface functionalized mesoporous silica nanoparticles as an effective carrier for epirubicin delivery to cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 248-258.	4.3	87
7	Preparation, characterization and antimicrobial study of a hydrogel (soft contact lens) material impregnated with silver nanoparticles. <i>Contact Lens and Anterior Eye</i> , 2014, 37, 149-152.	1.7	68
8	The influence of size, lipid composition and bilayer fluidity of cationic liposomes on the transfection efficiency of nanolipoplexes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 72, 1-5.	5.0	66
9	Solid lipid nanoparticles and nanostructured lipid carriers in oral cancer drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101458.	3.0	66
10	Controlled release of prednisolone acetate from molecularly imprinted hydrogel contact lenses. <i>Journal of Applied Polymer Science</i> , 2012, 126, 387-394.	2.6	64
11	The role of nanotechnology in combating biofilm-based antibiotic resistance. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101880.	3.0	58
12	Preparation of a Molecularly Imprinted Soft Contact Lens as a New Ocular Drug Delivery System for Dorzolamide. <i>Current Drug Delivery</i> , 2013, 10, 279-285.	1.6	55
13	Liposomal formulation of Galbanic acid improved therapeutic efficacy of pegylated liposomal Doxorubicin in mouse colon carcinoma. <i>Scientific Reports</i> , 2019, 9, 9527.	3.3	47
14	MUC1 aptamer-conjugated mesoporous silica nanoparticles effectively target breast cancer cells. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 13-18.	2.0	46
15	Assessment of Cytotoxic Properties of Safranal and Nanoliposomal Safranal in Various Cancer Cell Lines. <i>Phytotherapy Research</i> , 2013, 27, 1868-1873.	5.8	42
16	Evaluation of the efficacy of a polyherbal mouthwash containing <i>Zingiber officinale</i> , <i>Rosmarinus officinalis</i> and <i>Calendula officinalis</i> extracts in patients with gingivitis: A randomized double-blind placebo-controlled trial. <i>Complementary Therapies in Clinical Practice</i> , 2016, 22, 93-98.	1.7	40
17	Encapsulation challenges, the substantial issue in solid lipid nanoparticles characterization. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4251-4264.	2.6	39
18	Enhanced gene delivery by polyethyleneimine coated mesoporous silica nanoparticles. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 127-132.	2.4	36

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19	An updated review on therapeutic effects of nanoparticle-based formulations of saffron components (safranal, crocin, and crocetin). <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 47-58.	5.3	36
20	Solid lipid nanoparticles containing 7-ethyl-10-hydroxycamptothecin (SN38): Preparation, characterization, in vitro, and in vivo evaluations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 104, 42-50.	4.3	35
21	Iranian journal of basic medical sciences: 2014 in profile. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 1.	1.0	35
22	Preparation, characterization, and optimization of auraptene-loaded solid lipid nanoparticles as a natural anti-inflammatory agent: In vivo and in vitro evaluations. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 332-339.	5.0	33
23	The effect of nanoliposomal formulations on <i>Staphylococcus epidermidis</i> biofilm. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 445-450.	2.0	32
24	Preparation and evaluation of BSA-based hydrosol nanoparticles cross-linked with genipin for oral administration of poorly water-soluble curcumin. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 788-798.	7.5	32
25	Magnetic silica nanocomposites for magnetic hyperthermia applications. <i>International Journal of Hyperthermia</i> , 2017, 33, 354-363.	2.5	31
26	Development of a pH-responsive imprinted polymer for diclofenac and study of its binding properties in organic and aqueous media. <i>Drug Development and Industrial Pharmacy</i> , 2012, 38, 616-622.	2.0	30
27	Codelivery of anticancer drugs and siRNA by mesoporous silica nanoparticles. <i>Therapeutic Delivery</i> , 2016, 7, 649-655.	2.2	30
28	Investigating the influence of polyplex size on toxicity properties of polyethylenimine mediated gene delivery. <i>Life Sciences</i> , 2018, 197, 101-108.	4.3	26
29	Impacts of different organic amendments on soil degradation and phytotoxicity of metribuzin. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2019, 8, 113-121.	2.0	26
30	Hybrid in situ-forming injectable hydrogels for local cancer therapy. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121534.	5.2	25
31	Combined multispectroscopic and molecular dynamics simulation investigation on the interaction between cyclosporine A and β -lactoglobulin. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 1-7.	7.5	24
32	Ciprofloxacin-imprinted hydrogels for drug sustained release in aqueous media. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 122-129.	2.4	24
33	Improved anticancer efficacy of epirubicin by magnetic mesoporous silica nanoparticles: in vitro and in vivo studies. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 594-606.	2.8	24
34	BR2 and CyLoP1 enhance in-vivo SN38 delivery using pegylated PAMAM dendrimers. <i>International Journal of Pharmaceutics</i> , 2019, 564, 77-89.	5.2	23
35	The enhancement of immunosuppressive effects of cyclosporine A on human T-cells using fusogenic liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 67, 238-244.	5.0	22
36	Development and Validation of HPLC Method for Determination of Crocetin, a constituent of Saffron, in Human Serum Samples. <i>Iranian Journal of Basic Medical Sciences</i> , 2013, 16, 47-55.	1.0	21

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37	Preparation, Characterization, and Mucoadhesive Properties of Chitosan-Coated Microspheres Encapsulated with Cyclosporine A. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 492-498.	2.0	20
38	Solid Lipid Nanoparticles Improve the Diclofenac Availability in Vitreous after Intraocular Injection. <i>Journal of Drug Delivery</i> , 2016, 2016, 1-5.	2.5	20
39	Iranian Journal of Basic Medical Sciences: 2019 in retrospect. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 1-2.	1.0	20
40	Targeted nanoliposomal combretastatin A4 (CA ₄) as an efficient antivasculature candidate in the metastatic cancer treatment. <i>Journal of Cellular Physiology</i> , 2019, 234, 14721-14733.	4.1	19
41	Happy New Year 2019, and welcome to Conference of Iranian Medical Journal Editors. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 1-2.	1.0	19
42	Folate conjugation improved uptake and targeting of porous hydroxyapatite nanoparticles containing epirubicin to cancer cells. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 601-609.	2.4	18
43	Cationic Liposomes Modified with Polyallylamine as a Gene Carrier: Preparation, Characterization and Transfection Efficiency Evaluation. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 515-520.	1.4	18
44	Preparation, characterization, transfection efficiency, and cytotoxicity of liposomes containing oligoamine-modified cholesterol as nanocarriers to Neuro2A cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2009, 5, 457-462.	3.3	17
45	Co-Delivery of Epirubicin and siRNA Using Functionalized Mesoporous Silica Nanoparticles Enhances In vitro and In vivo Drug Efficacy. <i>Current Drug Delivery</i> , 2016, 13, 1176-1182.	1.6	17
46	Investigation into the interaction of losartan with human serum albumin and glycosylated human serum albumin by spectroscopic and molecular dynamics simulation techniques: A comparison study. <i>Chemico-Biological Interactions</i> , 2016, 257, 4-13.	4.0	15
47	A simple approach for producing highly efficient DNA carriers with reduced toxicity based on modified polyallylamine. <i>Materials Science and Engineering C</i> , 2015, 49, 290-296.	7.3	14
48	Iranian Journal of Basic Medical Sciences, 2015 at a glance. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 1.	1.0	14
49	Effect of mesoporous silica nanoparticles on cell viability and markers of oxidative stress. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 433-9.	2.7	14
50	12-Tungstophosphoric Acid Immobilized on $\text{Fe}_3\text{O}_4/\text{SiO}_2$ Core-Shell Nanoparticles: An Effective Solid Acid Catalyst for the Synthesis of Indole Derivatives in Water. <i>Chemistry Letters</i> , 2012, 41, 438-440.	1.3	13
51	The effect of cell penetrating peptides on transfection activity and cytotoxicity of polyallylamine. <i>BiolImpacts</i> , 2017, 7, 139-145.	1.5	13
52	Optimizing the synthesis and purification of MS2 virus like particles. <i>Scientific Reports</i> , 2021, 11, 19851.	3.3	13
53	Preparation, characterization, and moisturizing effect of liposomes containing glucosamine and N-acetyl glucosamine. <i>Journal of Cosmetic Dermatology</i> , 2013, 12, 96-102.	1.6	12
54	The Effect of Different Grades of PLGA on Characteristics of Microspheres Encapsulated with Cyclosporine A. <i>Current Drug Delivery</i> , 2006, 3, 343-349.	1.6	11

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55	Safety Evaluation of Nanoliposomes Containing Cyclosporine A After Ocular Administration. <i>Current Eye Research</i> , 2012, 37, 453-456.	1.5	11
56	Viral vector mimicking and nucleus targeted nanoparticles based on dexamethasone polyethylenimine nanoliposomes: Preparation and evaluation of transfection efficiency. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 165, 252-261.	5.0	11
57	The effect of RGD-targeted and non-targeted liposomal Galbanic acid on the therapeutic efficacy of pegylated liposomal doxorubicin: From liposomal preparation to in-vivo studies. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120710.	5.2	11
58	Co-encapsulation of tamoxifen citrate and quercetin using 2HP- β -cyclodextrin: a response surface experimental design. <i>RSC Advances</i> , 2016, 6, 111517-111525.	3.6	10
59	Double loading of cyclosporine A in liposomes using cyclodextrin complexes. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2009, 63, 139-48.	0.5	10
60	Efficacy of Extended-Release Oral Diclofenac in Postoperative Pain Management After Photorefractive Keratectomy. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2013, 29, 670-673.	1.4	9
61	Dexamethasone conjugated polyallylamine: Synthesis, characterization, and in vitro transfection and cytotoxicity. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 40, 172-179.	3.0	9
62	Low temperature facile synthesis of pseudowollastonite nanoparticles by the surfactant-assisted sol-gel method. <i>Materials Chemistry and Physics</i> , 2020, 243, 122629.	4.0	9
63	Preliminary Safety Evaluation of a Tacrolimus Eye Drop Formulation Using Hydroxypropyl Beta Cyclodextrin After Ocular Administration in NZW Rabbits. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 947-953.	1.8	9
64	Bromelain Loaded Lipid-Polymer Hybrid Nanoparticles for Oral Delivery: Formulation and Characterization. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 3733-3748.	2.9	9
65	PEGylated solid lipid nanoparticles functionalized by aptamer for targeted delivery of docetaxel in mice bearing C26 tumor. <i>Drug Development and Industrial Pharmacy</i> , 2022, 48, 69-78.	2.0	9
66	Preparation, Characterization, and In Vivo Evaluation of Triamcinolone Acetonide Microspheres After Intravitreal Administration. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2012, 28, 502-506.	1.4	8
67	Cationic liposomes-polyallylamine-plasmid nanocomplexes for gene delivery. <i>Journal of Experimental Nanoscience</i> , 2014, 9, 1026-1034.	2.4	8
68	Iranian Journal of Basic Medical Sciences in times of the COVID-19 pandemic. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 1-2.	1.0	8
69	The effect of efflux pump inhibitors on in vitro and in vivo efficacy of solid lipid nanoparticles containing SN38. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101969.	3.0	7
70	Synthesis and controlled drug release behavior of micro-mesoporous wollastonite nanoparticles. Effect of calcination temperature on the structural and biodegradability properties. <i>Materials Chemistry and Physics</i> , 2022, 280, 125825.	4.0	7
71	Evaluation the effect of cyclodextrin complexation on aqueous solubility of fluorometholone to achieve ophthalmic solution. <i>Journal of Inclusion Phenomena and Macrocylic Chemistry</i> , 2009, 65, 335-340.	1.6	6
72	Preparation and in vivo evaluation of nanoliposomes containing melphalan after intravitreal injection in albino rabbits. <i>Journal of Pharmaceutical Investigation</i> , 2016, 46, 575-582.	5.3	6

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73	Cholesterol improves the transfection efficiency of polyallylamine as a non-viral gene delivery vector. Brazilian Journal of Pharmaceutical Sciences, 2017, 53, .	1.2	6
74	Synthesis, characterization and evaluation of transfection efficiency of dexamethasone conjugated poly(propyleneimine) nanocarriers for gene delivery#. Pharmaceutical Biology, 2018, 56, 519-527.	2.9	6
75	Quantitative LC Analysis of Cyclosporine A in Ocular Samples. Chromatographia, 2011, 73, 817-821.	1.3	5
76	Development of targeted gene delivery system based on liposome and <scp>PAMAM</scp> dendrimer functionalized with hyaluronic acid and <scp>TAT</scp> peptide: <i>In vitro</i> and <i>in vivo</i> studies. Biotechnology Progress, 2022, 38, .	2.6	5
77	Liposome-linear polyethyleneimine-DNA Nanocomplexes for Gene Delivery: Preparation, Characterization and In Vitro Transfection Activity. Current Nanoscience, 2011, 7, 587-593.	1.2	4
78	The Effect of Lipopolymer Structure on the Transfection Efficiency of Hydrophobic Polyethylenimine-based Cationic Nanoliposomes. Current Nanoscience, 2012, 8, 680-684.	1.2	4
79	The effect of cyclodextrin mixtures on aqueous solubility of beclomethasone dipropionate. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2012, 72, 383-387.	1.6	4
80	Multifunctional peptides based on low molecular weight protamine (LMWP) in the structure of polyplexes and lipopolyplexes: Design, preparation and gene delivery characterization. Journal of Drug Delivery Science and Technology, 2021, 62, 102422.	3.0	4
81	BR2 cell penetrating peptide improved the transfection efficiency of modified polyethyleneimine. Journal of Drug Delivery Science and Technology, 2019, 53, 101154.	3.0	3
82	The effect of hydro-alcoholic extract of Rheum Turkestanicum Roots against oxidative stress in endothelial cells. International Journal of Preventive Medicine, 2020, 11, 122.	0.4	2
83	A simple, sensitive and rapid isocratic reversed-phase high-performance liquid chromatography method for determination and stability study of curcumin in pharmaceutical samples. Avicenna Journal of Phytomedicine, 2017, 7, 444-453.	0.2	1
84	Preparation and evaluation of nanoliposomes containing vancomycin after intravitreal injection in albino rabbits. Iranian Journal of Basic Medical Sciences, 2020, 23, 551-555.	1.0	1
85	Dual Antibiotic and Diffusible Signal Factor Combination Nanoliposomes for Combating <i>Staphylococcus epidermidis</i> Biofilm. Advanced Pharmaceutical Bulletin, 2020, 11, 684-692.	1.4	1
86	Surface engineered dendrimers as novel option for enhanced pharmaceutical and biomedical potential. , 2021, , 225-252.		0
87	A brief report on Iranian Journal of Basic Medical Sciences in 2013. Iranian Journal of Basic Medical Sciences, 2014, 17, 149.	1.0	0
88	Nanostructures and their associated challenges for drug delivery. , 2022, , 1-26.		0