

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	Hybrid in situ-forming injectable hydrogels for local cancer therapy. International Journal of Pharmaceutics, 2022, 616, 121534.	5.2	25
2	Nanostructures and their associated challenges for drug delivery. , 2022, , 1-26.		0
3	Synthesis and controlled drug release behavior of micro-mesoporous wollastonite nanoparticles. Effect of calcination temperature on the structural and biodegradability properties. Materials Chemistry and Physics, 2022, 280, 125825.	4.0	7
4	Bromelain Loaded Lipid-Polymer Hybrid Nanoparticles for Oral Delivery: Formulation and Characterization. Applied Biochemistry and Biotechnology, 2022, 194, 3733-3748.	2.9	9
5	Development of targeted gene delivery system based on liposome and PAMAM dendrimer functionalized with hyaluronic acid and TAT peptide: <i>in vitro</i> and <i>in vivo</i> studies. Biotechnology Progress, 2022, 38, .	2.6	5
6	PEGylated solid lipid nanoparticles functionalized by aptamer for targeted delivery of docetaxel in mice bearing C26 tumor. Drug Development and Industrial Pharmacy, 2022, 48, 69-78.	2.0	9
7	Surface engineered dendrimers as novel option for enhanced pharmaceutical and biomedical potential. , 2021, , 225-252.		0
8	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
9	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. International Journal of Pharmaceutics, 2021, 604, 120710.	5.2	11
10	Optimizing the synthesis and purification of MS2 virus like particles. Scientific Reports, 2021, 11, 19851.	3.3	13
11	Iranian Journal of Basic Medical Sciences in times of the COVID-19 pandemic. Iranian Journal of Basic Medical Sciences, 2021, 24, 1-2.	1.0	8
12	An updated review on therapeutic effects of nanoparticle-based formulations of saffron components (safranal, crocin, and crocetin). Journal of Pharmaceutical Investigation, 2020, 50, 47-58.	5.3	36
13	Low temperature facile synthesis of pseudowollastonite nanoparticles by the surfactant-assisted sol-gel method. Materials Chemistry and Physics, 2020, 243, 122629.	4.0	9
14	Solid lipid nanoparticles and nanostructured lipid carriers in oral cancer drug delivery. Journal of Drug Delivery Science and Technology, 2020, 55, 101458.	3.0	66
15	The role of nanotechnology in combating biofilm-based antibiotic resistance. Journal of Drug Delivery Science and Technology, 2020, 60, 101880.	3.0	58
16	The effect of efflux pump inhibitors on <i>in vitro</i> and <i>in vivo</i> efficacy of solid lipid nanoparticles containing SN38. Journal of Drug Delivery Science and Technology, 2020, 60, 101969.	3.0	7
17	Folate conjugation improved uptake and targeting of porous hydroxyapatite nanoparticles containing epirubicin to cancer cells. Pharmaceutical Development and Technology, 2020, 25, 601-609.	2.4	18
18	<p>Preliminary n Vivo Safety Evaluation of a Tacrolimus Eye Drop Formulation Using Hydroxypropyl Beta Cyclodextrin After Ocular Administration in NZW Rabbits<p>. Clinical Ophthalmology, 2020, Volume 14, 947-953.	1.8	9

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19	The effect of hydro-alcoholic extract of <i>Rheum Turkestanicum</i> Roots against oxidative stress in endothelial cells. <i>International Journal of Preventive Medicine</i> , 2020, 11, 122.	0.4	2
20	Iranian Journal of Basic Medical Sciences: 2019 in retrospect. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 1-2.	1.0	20
21	Preparation and evaluation of nanoliposomes containing vancomycin after intravitreal injection in albino rabbits. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 551-555.	1.0	1
22	Dual Antibiotic and Diffusible Signal Factor Combination Nanoliposomes for Combating <i>Staphylococcus epidermidis</i> Biofilm. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 11, 684-692.	1.4	1
23	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
24	BR2 cell penetrating peptide improved the transfection efficiency of modified polyethyleneimine. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101154.	3.0	3
25	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
26	Targeted nanoliposomal combretastatin A4 (CA ₄) as an efficient antivasular candidate in the metastatic cancer treatment. <i>Journal of Cellular Physiology</i> , 2019, 234, 14721-14733.	4.1	19
27	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
28	Enhanced gene delivery by polyethyleneimine coated mesoporous silica nanoparticles. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 127-132.	2.4	36
29	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
30	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
31	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
32	Investigating the influence of polyplex size on toxicity properties of polyethyleneimine mediated gene delivery. <i>Life Sciences</i> , 2018, 197, 101-108.	4.3	26
33	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
34	Encapsulation challenges, the substantial issue in solid lipid nanoparticles characterization. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4251-4264.	2.6	39
35	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
36	Synthesis, characterization and evaluation of transfection efficiency of dexamethasone conjugated poly(propyleneimine) nanocarriers for gene delivery. <i>Pharmaceutical Biology</i> , 2018, 56, 519-527.	2.9	6

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37	Nano strategies for berberine delivery, a natural alkaloid of Berberis. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 465-473.	5.6	133
38	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
39	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
40	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
41	Ciprofloxacin-imprinted hydrogels for drug sustained release in aqueous media. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 122-129.	2.4	24
42	Magnetic silica nanocomposites for magnetic hyperthermia applications. <i>International Journal of Hyperthermia</i> , 2017, 33, 354-363.	2.5	31
43	Cholesterol improves the transfection efficiency of polyallylamine as a non-viral gene delivery vector. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2017, 53, .	1.2	6
44	The effect of cell penetrating peptides on transfection activity and cytotoxicity of polyallylamine. <i>BioImpacts</i> , 2017, 7, 139-145.	1.5	13
45	A simple, sensitive and rapid isocratic reversed-phase high-performance liquid chromatography method for determination and stability study of curcumin in pharmaceutical samples. <i>Avicenna Journal of Phytomedicine</i> , 2017, 7, 444-453.	0.2	1
46	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
47	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
48	Investigation into the interaction of losartan with human serum albumin and glycated 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
49	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
50	Codelivery of anticancer drugs and siRNA by mesoporous silica nanoparticles. <i>Therapeutic Delivery</i> , 2016, 7, 649-655.	2.2	30
51	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
52	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
53	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
54	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

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55	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
56	Iranian Journal of Basic Medical Sciences, 2015 at a glance. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 1.	1.0	14
57	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
58	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
59	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
60	Iranian journal of basic medical sciences: 2014 in profile. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 1.	1.0	35
61	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
62	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
63	Cationic liposomes-polyallylamine-plasmid nanocomplexes for gene delivery. <i>Journal of Experimental Nanoscience</i> , 2014, 9, 1026-1034.	2.4	8
64	A brief report on Iranian Journal of Basic Medical Sciences in 2013. <i>Iranian Journal of Basic Medical Sciences</i> , 2014, 17, 149.	1.0	0
65	Preparation, characterization, and moisturizing effect of liposomes containing glucosamine and α -acetyl glucosamine. <i>Journal of Cosmetic Dermatology</i> , 2013, 12, 96-102.	1.6	12
66	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
67	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
68	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
69	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
70	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
71	The Effect of Lipopolymer Structure on the Transfection Efficiency of Hydrophobic Polyethylenimine-based Cationic Nanoliposomes. <i>Current Nanoscience</i> , 2012, 8, 680-684.	1.2	4
72	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

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73	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
74	Safety Evaluation of Nanoliposomes Containing Cyclosporine A After Ocular Administration. <i>Current Eye Research</i> , 2012, 37, 453-456.	1.5	11
75	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
76	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
77	The effect of cyclodextrin mixtures on aqueous solubility of beclomethasone dipropionate. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 383-387.	1.6	4
78	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
79	Liposome-linear polyethyleneimine-DNA Nanocomplexes for Gene Delivery: Preparation, Characterization and In Vitro Transfection Activity. <i>Current Nanoscience</i> , 2011, 7, 587-593.	1.2	4
80	Quantitative LC Analysis of Cyclosporine A in Ocular Samples. <i>Chromatographia</i> , 2011, 73, 817-821.	1.3	5
81	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
82	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
83	Evaluation the effect of cyclodextrin complexation on aqueous solubility of fluorometholone to achieve ophthalmic solution. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 65, 335-340.	1.6	6
84	PREPARATION, CHARACTERIZATION, AND IN VIVO EVALUATION OF NANOLIPOSOMES-ENCAPSULATED BEVACIZUMAB (AVASTIN) FOR INTRAVITREAL ADMINISTRATION. <i>Retina</i> , 2009, 29, 699-703.	1.7	150
85	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
86	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
87	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
88	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