

Mohsen Tafaghodi

List of Publications by Year in descending order

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90
papers

2,515
citations

159585

30
h-index

233421

45
g-index

91
all docs

91
docs citations

91
times ranked

3399
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of immune responses by co-delivery of a CpG oligodeoxynucleotide and tetanus toxoid in biodegradable nanospheres. <i>Journal of Controlled Release</i> , 2002, 85, 247-262.	9.9	162
2	In vitro and in vivo evaluation of anti-nucleolin-targeted magnetic PLGA nanoparticles loaded with doxorubicin as a theranostic agent for enhanced targeted cancer imaging and therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 113, 60-74.	4.3	112
3	Preparation and characterization of biodegradable paclitaxel loaded alginate microparticles for pulmonary delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 521-529.	5.0	108
4	The Effect of <i>Hypericum perforatum</i> on the Wound Healing and Scar of Cesarean. <i>Journal of Alternative and Complementary Medicine</i> , 2010, 16, 113-117.	2.1	76
5	Induction of systemic and mucosal immune responses by intranasal administration of alginate microspheres encapsulated with tetanus toxoid and CpG-ODN. <i>International Journal of Pharmaceutics</i> , 2006, 319, 37-43.	5.2	75
6	Evaluation of the clearance characteristics of various microspheres in the human nose by gamma-scintigraphy. <i>International Journal of Pharmaceutics</i> , 2004, 280, 125-135.	5.2	71
7	In Vitro Insulin Release from Thermosensitive Chitosan Hydrogel. <i>AAPS PharmSciTech</i> , 2012, 13, 460-466.	3.3	66
8	Soluble soybean polysaccharide/TiO ₂ bionanocomposite film for food application. <i>Carbohydrate Polymers</i> , 2018, 186, 384-393.	10.2	65
9	Nasal immunization studies using liposomes loaded with tetanus toxoid and CpG-ODN. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 64, 138-145.	4.3	59
10	Hepatitis B surface antigen nanoparticles coated with chitosan and trimethyl chitosan: Impact of formulation on physicochemical and immunological characteristics. <i>Vaccine</i> , 2012, 30, 5341-5348.	3.8	55
11	Effect of Aqueous and Ethanolic Extracts of <i>Nigella sativa</i> Seeds on Milk Production in Rats. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2013, 6, 18-23.	0.7	48
12	Study and evaluation of nucleolin-targeted delivery of magnetic PLGA-PEG nanospheres loaded with doxorubicin to C6 glioma cells compared with low nucleolin-expressing L929 cells. <i>Materials Science and Engineering C</i> , 2017, 72, 123-133.	7.3	48
13	Doxorubicin delivery via magnetic nanomicelles comprising from reduction-responsive poly(ethylene Terephthalate) nanoparticles: Preparation, characterization and simulation. <i>Materials Science and Engineering C</i> , 2018, 92, 631-643.	7.3	47
14	Preparation, characterization and in vivo evaluation of alginate-coated chitosan and trimethylchitosan nanoparticles loaded with PR8 influenza virus for nasal immunization. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 216-221.	9.1	46
15	Immunization against leishmaniasis by PLGA nanospheres encapsulated with autoclaved <i>Leishmania major</i> (ALM) and CpG-ODN. <i>Parasitology Research</i> , 2011, 108, 1265-1273.	1.6	45
16	Multi-stage subunit vaccines against <i>Mycobacterium tuberculosis</i> : an alternative to the BCG vaccine or a BCG-prime boost?. <i>Expert Review of Vaccines</i> , 2018, 17, 31-44.	4.4	45
17	<i>Helicobacter pylori</i> infection and autoimmune diseases; Is there an association with systemic lupus erythematosus, rheumatoid arthritis, autoimmune atrophy gastritis and autoimmune pancreatitis? A systematic review and meta-analysis study. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 359-369.	3.1	45
18	Bioinspired Nanonetworks for Targeted Cancer Drug Delivery. <i>IEEE Transactions on Nanobioscience</i> , 2015, 14, 894-906.	3.3	44

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19	Preparation and characterization of spray-dried powders intended for pulmonary delivery of Insulin with regard to the selection of excipients. <i>International Journal of Pharmaceutics</i> , 2014, 465, 464-478.	5.2	43
20	Preparation of superparamagnetic iron oxide/doxorubicin loaded chitosan nanoparticles as a promising glioblastoma theranostic tool. <i>Journal of Cellular Physiology</i> , 2019, 234, 1547-1559.	4.1	43
21	Preparation and characterization of uniform-sized PLGA nanospheres encapsulated with oleic acid-coated magnetic-Fe ₃ O ₄ nanoparticles for simultaneous diagnostic and therapeutic applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 514, 146-154.	4.7	41
22	Folate targeted PEGylated liposomes for the oral delivery of insulin: In vitro and in vivo studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111203.	5.0	41
23	Rabbit nasal immunization against influenza by dry-powder form of chitosan nanospheres encapsulated with influenza whole virus and adjuvants. <i>International Journal of Pharmaceutics</i> , 2014, 475, 1-8.	5.2	40
24	Impact of chitosan coating of anionic liposomes on clearance rate, mucosal and systemic immune responses following nasal administration in rabbits. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 74, 225-229.	5.0	38
25	Green facile synthesis of low-toxic superparamagnetic iron oxide nanoparticles (SPIONs) and their cytotoxicity effects toward Neuro2A and HUVEC cell lines. <i>Ceramics International</i> , 2018, 44, 9263-9268.	4.8	38
26	Injectable Supramolecular Hydrogel from Insulin-Loaded Triblock PCL-PEG-PCL Copolymer and β -Cyclodextrin with Sustained-Release Property. <i>AAPS PharmSciTech</i> , 2015, 16, 140-149.	3.3	37
27	Environment-friendly green composites based on soluble soybean polysaccharide: A review. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 216-223.	7.5	36
28	Preparation and <i>in vivo</i> study of dry powder microspheres for nasal immunization. <i>Journal of Drug Targeting</i> , 2010, 18, 235-242.	4.4	34
29	Preparation, in vitro and in vivo evaluation of PLGA/Chitosan based nano-complex as a novel insulin delivery formulation. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118710.	5.2	33
30	pH-sensitive soluble soybean polysaccharide/SiO ₂ incorporated with curcumin for intelligent packaging applications. <i>Food Science and Nutrition</i> , 2021, 9, 2169-2179.	3.4	33
31	An update on physicochemical and functional properties of newly seed gums. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 1240-1247.	7.5	30
32	Dry-powder form of chitosan nanospheres containing influenza virus and adjuvants for nasal immunization. <i>Archives of Pharmacal Research</i> , 2013, 36, 981-992.	6.3	29
33	Different methods to determine the encapsulation efficiency of protein in PLGA nanoparticles. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, 613-620.	0.6	29
34	Robust mucosal and systemic responses against HTLV-1 by delivery of multi-epitope vaccine in PLGA nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 133, 321-330.	4.3	29
35	Induction of high antitoxin titers against tetanus toxoid in rabbits by intranasal immunization with dextran microspheres. <i>International Journal of Pharmaceutics</i> , 2008, 360, 12-17.	5.2	27
36	Preparation, characterization and immunological evaluation of alginate nanoparticles loaded with whole inactivated influenza virus: Dry powder formulation for nasal immunization in rabbits. <i>Microbial Pathogenesis</i> , 2018, 115, 74-85.	2.9	27

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37	The novel immunogenic chimeric peptide vaccine to elicit potent cellular and mucosal immune responses against HTLV-1. <i>International Journal of Pharmaceutics</i> , 2018, 549, 404-414.	5.2	26
38	Dextran microspheres could enhance immune responses against PLGA nanospheres encapsulated with tetanus toxoid and <i>Quillaja</i> saponins after nasal immunization in rabbit. <i>Pharmaceutical Development and Technology</i> , 2011, 16, 36-43.	2.4	25
39	Formulation, characterization and release studies of alginate microspheres encapsulated with tetanus toxoid. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2006, 17, 909-924.	3.5	24
40	Effect of Aqueous and Ethanolic Extracts of <i>Pimpinella anisum</i> L. Seeds on Milk Production in Rats. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2014, 7, 211-216.	0.7	24
41	Dry Powder form of Polymeric Nanoparticles for Pulmonary Drug Delivery. <i>Current Pharmaceutical Design</i> , 2016, 22, 2549-2560.	1.9	24
42	Inhalable, large porous PLGA microparticles loaded with paclitaxel: preparation, <i>in vitro</i> and <i>in vivo</i> characterization. <i>Journal of Microencapsulation</i> , 2015, 32, 661-668.	2.8	23
43	Chemical Composition and Antioxidant Activities of the Essential Oils of Different Parts of <i>Cupressus arizonica</i> Greene. <i>Journal of Essential Oil Research</i> , 2010, 22, 193-199.	2.7	21
44	Characterization of soluble soybean (SSPS) polysaccharide and development of eco-friendly SSPS/TiO ₂ nanoparticle bionanocomposites. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 852-861.	7.5	21
45	Non-invasive endotracheal delivery of paclitaxel-loaded alginate microparticles. <i>Journal of Chemotherapy</i> , 2016, 28, 411-416.	1.5	20
46	Immunoadjuvant potential of cross-linked dextran microspheres mixed with chitosan nanospheres encapsulated with tetanus toxoid. <i>Pharmaceutical Biology</i> , 2017, 55, 212-217.	2.9	20
47	A novel antigen of <i>Mycobacterium tuberculosis</i> and MPLA adjuvant co-entrapped into PLGA:DDA hybrid nanoparticles stimulates mucosal and systemic immunity. <i>Microbial Pathogenesis</i> , 2018, 125, 507-513.	2.9	20
48	Nasal Immunization Studies by Cationic, Fusogenic and Cationic-Fusogenic Liposomes Encapsulated with Tetanus Toxoid. <i>Current Drug Delivery</i> , 2008, 5, 108-113.	1.6	19
49	Alginate microspheres encapsulated with autoclaved <i>Leishmania major</i> (ALM) and CpG-ODN induced partial protection and enhanced immune response against murine model of leishmaniasis. <i>Experimental Parasitology</i> , 2011, 129, 107-114.	1.2	18
50	Enhancement of the effect of BCG vaccine against tuberculosis using DDA/TDB liposomes containing a fusion protein of HspX, PPE44, and EsxV. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 370-377.	2.8	18
51	Effects of formulation properties on sol-gel behavior of chitosan/glycerolphosphate hydrogel. <i>Iranian Polymer Journal (English Edition)</i> , 2013, 22, 785-790.	2.4	17
52	Immunization against HTLV-I with chitosan and tri-methylchitosan nanoparticles loaded with recombinant env23 and env13 antigens of envelope protein gp46. <i>Microbial Pathogenesis</i> , 2016, 97, 38-44.	2.9	17
53	Characterization of a green nanocomposite prepared from soluble soy bean polysaccharide/Cloisite 30B and evaluation of its toxicity. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 109-118.	7.5	17
54	Development of curcumin-loaded <i>Prunus armeniaca</i> gum nanoparticles: Synthesis, characterization, control release behavior, and evaluation of anticancer and antimicrobial properties. <i>Food Science and Nutrition</i> , 2021, 9, 6109-6119.	3.4	17

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55	Comparison of intralesional two percent zinc sulfate and glucantime injection in treatment of acute cutaneous leishmaniasis. <i>Indian Journal of Dermatology</i> , 2012, 57, 118.	0.3	17
56	Streptomycin sulfate dry powder inhalers for the new tuberculosis treatment schedule. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 957-967.	3.0	16
57	Microwave functionalized single-walled carbon nanotube as nanocarrier for the delivery of anticancer drug cisplatin: in vitro and in vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2014, 24, 572-578.	3.0	14
58	Antibiotic Resistance of <i>Helicobacter pylori</i> in Iranian Children: A Systematic Review and Meta-Analysis. <i>Microbial Drug Resistance</i> , 2018, 24, 980-986.	2.0	14
59	A systematic review and meta-analysis of outcomes of infection with <i>Helicobacter pylori</i> dupA+ strains in Iranian patients. <i>Gene Reports</i> , 2020, 19, 100650.	0.8	14
60	Preparation and Characterization of a Dry Powder Inhaler Composed of PLGA Large Porous Particles Encapsulating Gentamicin Sulfate. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 255-261.	1.4	13
61	B12-functionalized PEGylated liposomes for the oral delivery of insulin: In vitro and in vivo studies. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 69, 103141.	3.0	13
62	T helper type 1 biased immune responses by PPE17 loaded core-shell alginate-chitosan nanoparticles after subcutaneous and intranasal administration. <i>Life Sciences</i> , 2021, 282, 119806.	4.3	12
63	Enhancing immunogenicity of novel multistage subunit vaccine of using PLGA:DDA hybrid nanoparticles and MPLA: Subcutaneous administration. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 893-900.	1.0	12
64	Mycobacterium tuberculosis HspX/EsxS Fusion Protein: Gene Cloning, Protein Expression, and Purification in <i>Escherichia coli</i> . <i>Reports of Biochemistry and Molecular Biology</i> , 2017, 6, 15-21.	1.4	12
65	Potential of polymeric particles as future vaccine delivery systems/adjuvants for parenteral and non-parenteral immunization against tuberculosis: A systematic review. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 116-123.	1.0	12
66	<i>Prunus armeniaca</i> gum exudates: An overview on purification, structure, physicochemical properties, and applications. <i>Food Science and Nutrition</i> , 2021, 9, 1240-1255.	3.4	11
67	TB trifusion antigen adsorbed on calcium phosphate nanoparticles stimulates strong cellular immunity in mice. <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 653-658.	2.6	10
68	HspX protein as a candidate vaccine against <i>Mycobacterium tuberculosis</i> : an overview. <i>Frontiers in Biology</i> , 2018, 13, 293-296.	0.7	10
69	In-vitro Release Evaluation of Growth Hormone from an Injectable In-Situ Forming Gel Using PCL-PEG-PCL Thermosensitive Triblock. <i>Current Drug Delivery</i> , 2020, 17, 174-183.	1.6	10
70	Evaluation of the effect of pentoxifylline on erythropoietin-resistant anemia in hemodialysis patients. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2014, 25, 73.	0.3	10
71	Preparation and characterization of PLGA nanospheres loaded with inactivated influenza virus, CpG-ODN and Quillaja saponin. <i>Iranian Journal of Basic Medical Sciences</i> , 2014, 17, 722-6.	1.0	9
72	Clinical efficacy of an herbal mouth wash composed of <i>Salix alba</i> , <i>Malva sylvestris</i> and <i>Althaea officinalis</i> in chronic periodontitis patients. <i>Journal of Herbal Medicine</i> , 2016, 6, 24-27.	2.0	8

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73	The impact of nanocarriers in the induction of antigen-specific immunotolerance in autoimmune diseases. <i>Journal of Controlled Release</i> , 2021, 339, 274-283.	9.9	8
74	Chitosan Nanoparticles Loaded with Whole and Soluble Leishmania Antigens, and Evaluation of Their Immunogenicity in a Mouse Model of Leishmaniasis. <i>Iranian Journal of Immunology</i> , 2018, 15, 281-293.	0.6	8
75	Immunological Assessment of Chitosan or Trimethyl Chitosan-Coated PLGA Nanospheres Containing Fusion Antigen as the Novel Vaccine Candidates Against Tuberculosis. <i>AAPS PharmSciTech</i> , 2022, 23, 15.	3.3	8
76	Immunogenicity of HspX/EsxS fusion protein of <i>Mycobacterium tuberculosis</i> along with ISCOMATRIX and PLUSCOM nano-adjuvants after subcutaneous administration in animal model. <i>Microbial Pathogenesis</i> , 2021, 154, 104842.	2.9	7
77	The mucosal adjuvant potential of cross-linked dextran microspheres as dry powder. <i>Iranian Journal of Basic Medical Sciences</i> , 2012, 15, 873-9.	1.0	7
78	Mucosal Adjuvant Potential of Quillaja saponins and Cross-linked Dextran Microspheres, Co-administered with Liposomes Encapsulated with Tetanus Toxoid. <i>Iranian Journal of Pharmaceutical Research</i> , 2012, 11, 723-32.	0.5	7
79	The roles of latency-associated antigens in tuberculosis vaccines. <i>Indian Journal of Tuberculosis</i> , 2019, 66, 487-491.	0.7	5
80	Polymer-based nanoparticles as delivery systems for treatment and vaccination of tuberculosis. , 2020, , 123-142.		5
81	Immunization Against Cutaneous Leishmaniasis by Alginate Microspheres Loaded With Autoclaved <i>Leishmania Major</i> (ALM) and Quillaja Saponins. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 573-81.	0.5	5
82	Increasing Cellular Immune Response in Liposomal Formulations of DOTAP Encapsulated by Fusion Protein HspX, PPE44, And EsxV, as a Potential Tuberculosis Vaccine Candidate. <i>Reports of Biochemistry and Molecular Biology</i> , 2019, 7, 156-166.	1.4	5
83	Formulation and Optimization of a New Cationic Lipid-Modified PLGA Nanoparticle as Delivery System for HspX/EsxS Fusion Protein: An Experimental Design. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 446-458.	0.5	4
84	Immunization against PR8 influenza virus with chitosan-coated ISCOMATRIX nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 587-593.	2.8	3
85	Separation of the Epitopes in a Multi-Epitope Chimera: Helical or Flexible Linkers. <i>Protein and Peptide Letters</i> , 2020, 27, 604-613.	0.9	3
86	Heterologous Expression, Purification, and Characterization of the HspX, Ppe44, and EsxV Proteins of. <i>Reports of Biochemistry and Molecular Biology</i> , 2018, 6, 125-130.	1.4	3
87	Evaluation of various techniques for production of inhalable dry powders for pulmonary delivery of peptide and protein. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 69, 103186.	3.0	3
88	The dry powder formulation of mixed cross-linked dextran microspheres and tetanus toxoid-loaded trimethyl chitosan nanospheres as a potent adjuvant for nasal delivery system. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 116-122.	1.0	1
89	Cloning, Expression, and Refolding of PPE17 Protein of <i>Mycobacterium Tuberculosis</i> as a Promising Vaccine Candidate. <i>Iranian Journal of Medical Sciences</i> , 2019, 44, 53-59.	0.4	0
90	A novel formulation of Mtb72F DNA vaccine for immunization against tuberculosis. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 826-832.	1.0	0