

Fatemeh Ahmadi

List of Publications by Year in descending order

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45
papers

1,065
citations

471509

17
h-index

414414

32
g-index

48
all docs

48
docs citations

48
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan based hydrogels: characteristics and pharmaceutical applications. Research in Pharmaceutical Sciences, 2015, 10, 1-16.	1.8	201
2	Carnosine and Histidine Supplementation Blunt Lead-Induced Reproductive Toxicity through Antioxidative and Mitochondria-Dependent Mechanisms. Biological Trace Element Research, 2019, 187, 151-162.	3.5	72
3	Synthesis and evaluation of dextran-budesonide conjugates as colon specific prodrugs for treatment of ulcerative colitis. International Journal of Pharmaceutics, 2009, 365, 69-76.	5.2	66
4	Dual effects of sulfasalazine on rat sperm characteristics, spermatogenesis, and steroidogenesis in two experimental models. Toxicology Letters, 2018, 284, 46-55.	0.8	61
5	Antibiotic Therapy in Dentistry. International Journal of Dentistry, 2021, 2021, 1-10.	1.5	53
6	Plant virus nanoparticles: Novel and robust nanocarriers for drug delivery and imaging. Colloids and Surfaces B: Biointerfaces, 2018, 167, 20-27.	5.0	51
7	Effectiveness of budesonide-succinate-dextran conjugate as a novel prodrug of budesonide against acetic acid-induced colitis in rats. International Journal of Colorectal Disease, 2010, 25, 1159-1165.	2.2	49
8	Novel agonists of benzodiazepine receptors: Design, synthesis, binding assay and pharmacological evaluation of 1,2,4-triazolo[1,5-a]pyrimidinone and 3-amino-1,2,4-triazole derivatives. Bioorganic and Medicinal Chemistry, 2015, 23, 480-487.	3.0	48
9	Development and validation of a new HPLC method for determination of lamotrigine and related compounds in tablet formulations. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 999-1005.	2.8	39
10	Enhanced anti-tumor efficacy and reduced cardiotoxicity of doxorubicin delivered in a novel plant virus nanoparticle. Colloids and Surfaces B: Biointerfaces, 2019, 174, 80-86.	5.0	34
11	Preparation of budesonide-dextran conjugates using glutarate spacer as a colon-targeted drug delivery system: <i>in vitro</i> / <i>in vivo</i> evaluation in induced ulcerative colitis. Journal of Drug Targeting, 2011, 19, 140-153.	4.4	32
12	Grandivittin as a natural minor groove binder extracted from <i>Ferulago macrocarpa</i> to ct-DNA, experimental and <i>in silico</i> analysis. Chemico-Biological Interactions, 2016, 258, 89-101.	4.0	29
13	Hybrid Scaffolds of Hyaluronic Acid and Collagen Loaded with Prednisolone: an Interesting System for Osteoarthritis. Advanced Pharmaceutical Bulletin, 2018, 8, 11-19.	1.4	29
14	Generation of recombinant protein shells of Johnson grass chlorotic stripe mosaic virus in tobacco plants and their use as drug carrier. Journal of Virological Methods, 2017, 248, 148-153.	2.1	26
15	Microencapsulation of budesonide with dextran by spray drying technique for colon-targeted delivery: an <i>in vitro</i> / <i>in vivo</i> evaluation in induced colitis in rat. Journal of Microencapsulation, 2011, 28, 62-73.	2.8	24
16	Design and characterization of paclitaxel-verapamil co-encapsulated PLGA nanoparticles: Potential system for overcoming P-glycoprotein mediated MDR. Journal of Drug Delivery Science and Technology, 2017, 41, 174-181.	3.0	22
17	Effects of <i>Malva sylvestris</i> and Its Isolated Polysaccharide on Experimental Ulcerative Colitis in Rats. Journal of Evidence-Based Complementary & Alternative Medicine, 2016, 21, 14-22.	1.5	20
18	The application of <i>Pistacia khinjuk</i> extract nanoemulsion in a biopolymeric coating to improve the shelf life extension of sunflower oil. Food Science and Nutrition, 2021, 9, 920-928.	3.4	17

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19	Synthesis, receptor affinity and effect on pentylentetrazole-induced seizure threshold of novel benzodiazepine analogues: 3-Substituted 5-(2-phenoxybenzyl)-4H-1,2,4-triazoles and 2-amino-5-(phenoxybenzyl)-1,3,4-oxadiazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1929-1937.	3.0	13
20	PLS-LS-SVM based modeling of ATR-IR as a robust method in detection and qualification of alprazolam. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 87-92.	3.9	13
21	Efficacy of a hybrid system of hyaluronic acid and collagen loaded with prednisolone and TGF- β 3 for cartilage regeneration in rats. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 55-62.	3.0	13
22	Meloxicam transdermal delivery: effect of eutectic point on the rate and extent of skin permeation. <i>Iranian Journal of Basic Medical Sciences</i> , 2014, 17, 112-8.	1.0	13
23	Preparation and in vitro/in vivo evaluation of dextran matrix tablets of budesonide in experimental ulcerative colitis in rats. <i>Drug Delivery</i> , 2011, 18, 122-130.	5.7	12
24	Encapsulation in PLGA-PEG enhances 9- nitro-camptothecin cytotoxicity to human ovarian carcinoma cell line through apoptosis pathway. <i>Research in Pharmaceutical Sciences</i> , 2015, 10, 161-8.	1.8	12
25	Comparison [3H]-flumazenil binding parameters in rat cortical membrane using different separation methods, filtration and centrifugation. <i>Nuclear Medicine and Biology</i> , 2013, 40, 896-900.	0.6	10
26	Colon delivery of budesonide using solid dispersion in dextran for the treatment and secondary prevention of ulcerative colitis in rat. <i>International Journal of Preventive Medicine</i> , 2010, 1, 115-23.	0.4	10
27	The Chemical Composition and in vitro Antifungal Activities of Essential Oils of Five Eucalyptus Species. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 666-677.	1.9	9
28	Doxorubicin-verapamil dual loaded PLGA nanoparticles for overcoming P-glycoprotein mediated resistance in cancer: Effect of verapamil concentration. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101206.	3.0	9
29	Synthesis and in vitro assessment of novel water-soluble dextran-docetaxel conjugates as potential pH sensitive system for tumor-targeted delivery. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45457.	2.6	7
30	Exacerbated liver injury of antithyroid drugs in endotoxin-treated mice. <i>Drug and Chemical Toxicology</i> , 2019, 42, 615-623.	2.3	7
31	The effectiveness of a traditional Persian medicine preparation in the treatment of chronic cough: A randomized, double-blinded, placebo-controlled clinical trial. <i>Complementary Therapies in Medicine</i> , 2020, 49, 102324.	2.7	7
32	Synthesis and Characterization of Water-soluble Conjugates of Cabazitaxel Hemiesters-Dextran. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1555-1562.	1.7	7
33	Optimum conditions of radioligand receptor binding assay of ligands of benzodiazepine receptors. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 79-86.	0.5	7
34	Enhanced oral bioavailability of paclitaxel by concomitant use of absorption enhancers and P-glycoprotein inhibitors in rats. <i>Journal of Chemotherapy</i> , 2013, 25, 355-361.	1.5	5
35	Development and validation of a rapid HPLC method for simultaneous analysis of budesonide and its novel synthesized hemiesters in colon specific formulations. <i>Research in Pharmaceutical Sciences</i> , 2011, 6, 107-16.	1.8	5
36	In Silico Design of Epitope-Based Allergy Vaccine Against <i>Bellatella germanica</i> Cockroach Allergens. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 1739-1749.	1.9	4

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37	Synthesis, cytotoxicity assay, In vivo pharmacokinetics, biodistribution and modeling study of cabazitaxel-dextran nanoconjugates: targeted vs non targeted delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 209, 112187.	5.0	4
38	Synthesis and cytotoxicity evaluation of gemcitabine-tobacco mosaic virus conjugates. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102388.	3.0	3
39	Effect of aerobic exercise against vanadyl sulphate-induced nephrotoxicity and hepatotoxicity in rats. <i>Journal of Renal Injury Prevention</i> , 2016, 5, 183-187.	0.2	3
40	Partial least Squares- least squares- Support Vector Machine Modeling of ATR-IR as a Spectrophotometric Method for Detection and Determination of Iron in Pharmaceutical Formulations. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 72-79.	0.5	3
41	Preparation and evaluation of a sustained-release suspension containing theophylline microcapsules. <i>African Journal of Pharmacy and Pharmacology</i> , 2012, 6, .	0.3	2
42	Hyaluronic Acid Scaffolds and Injectable Gels for Healing of Induced Arthritis in Rat Knee: Effect of Prednisolone Revisited. <i>Regenerative Engineering and Translational Medicine</i> , 2021, 7, 393-404.	2.9	2
43	Preparation and evaluation of an oral mucoadhesive gel containing nystatin-loaded alginate microparticles. <i>European Pharmaceutical Journal</i> , 2020, 67, 15-21.	0.3	2
44	Synthesis and cytotoxicity evaluation of doxorubicin-polyethyleneimine conjugate as a potential carrier for dual delivery of drug and gene. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 102994.	3.0	2
45	Anticancer Agents: Polymeric Prodrugs for Drug Targeting. , 2016, , 267-280.		1