

Amir Azadi

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

3,351
citations

279798

23
h-index

155660

55
g-index

60
all docs

60
docs citations

60
times ranked

5245
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogel nanoparticles in drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 1638-1649.	13.7	1,685
2	Pharmacokinetic Consequences of Pegylation. <i>Drug Delivery</i> , 2006, 13, 399-409.	5.7	255
3	Brain Delivery of Curcumin Using Solid Lipid Nanoparticles and Nanostructured Lipid Carriers: Preparation, Optimization, and Pharmacokinetic Evaluation. <i>ACS Chemical Neuroscience</i> , 2019, 10, 728-739.	3.5	126
4	A comparison of models for the analysis of the kinetics of drug release from PLGA-based nanoparticles. <i>Heliyon</i> , 2020, 6, e03451.	3.2	116
5	Methotrexate-loaded chitosan nanogels as "Trojan Horses"™ for drug delivery to brain: Preparation and in vitro/in vivo characterization. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 523-530.	7.5	97
6	A Pharmacokinetic Overview of Nanotechnology-Based Drug Delivery Systems: An ADME-Oriented Approach. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2013, 30, 435-467.	2.2	69
7	Neuroprotective Potential of Curcumin-Loaded Nanostructured Lipid Carrier in an Animal Model of Alzheimer's Disease: Behavioral and Biochemical Evidence. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 671-686.	2.6	64
8	Preparation and optimization of surface-treated methotrexate-loaded nanogels intended for brain delivery. <i>Carbohydrate Polymers</i> , 2012, 90, 462-471.	10.2	57
9	Inflammation: A bridge between diabetes and COVID-19, and possible management with sitagliptin. <i>Medical Hypotheses</i> , 2020, 143, 110111.	1.5	48
10	Chemically Engineered Immune Cell-Derived Microrobots and Biomimetic Nanoparticles: Emerging Biodiagnostic and Therapeutic Tools. <i>Advanced Science</i> , 2021, 8, 2002499.	11.2	42
11	Encapsulation of Valproate-Loaded Hydrogel Nanoparticles in Intact Human Erythrocytes: A Novel Nano-cell Composite for Drug Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 1702-1711.	3.3	41
12	Neuropharmacokinetic evaluation of methotrexate-loaded chitosan nanogels. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 326-335.	7.5	41
13	Cyproterone acetate-loaded nanostructured lipid carriers: effect of particle size on skin penetration and follicular targeting. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 812-823.	2.4	40
14	Evaluation of the effect of topical chamomile (<i>Matricaria chamomilla</i> L.) oleogel as pain relief in migraine without aura: a randomized, double-blind, placebo-controlled, crossover study. <i>Neurological Sciences</i> , 2018, 39, 1345-1353.	1.9	38
15	Carbohydrate polymer-based nanoparticle application in drug delivery for CNS-related disorders. <i>European Polymer Journal</i> , 2020, 128, 109607.	5.4	38
16	Optimization, physicochemical characterization, and antimicrobial activity of a novel simvastatin nano-niosomal gel against <i>E. coli</i> and <i>S. aureus</i> . <i>Chemistry and Physics of Lipids</i> , 2021, 234, 105019.	3.2	37
17	Emergent Structure of Multidislocation Ground States in Curved Crystals. <i>Physical Review Letters</i> , 2014, 112, 225502.	7.8	35
18	Chitosan-based hydrogel nanoparticle amazing behaviors during transmission electron microscopy. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 31-34.	7.5	35

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19	Nanostructure l-asparaginase-fatty acid bioconjugate: Synthesis, preformulation study and biological assessment. International Journal of Biological Macromolecules, 2013, 62, 180-187.	7.5	32
20	Designing PEGylated therapeutic molecules: advantages in ADMET properties. Expert Opinion on Drug Discovery, 2008, 3, 1293-1307.	5.0	30
21	Neutral versus charged defect patterns in curved crystals. Physical Review E, 2016, 94, 013003.	2.1	28
22	Nose-to-brain delivery of sumatriptan-loaded nanostructured lipid carriers: preparation, optimization, characterization and pharmacokinetic evaluation. Journal of Pharmacy and Pharmacology, 2020, 72, 1341-1351.	2.4	25
23	Preparation, Optimization, and Evaluation of Methoxy Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (glycol)-<i>Chemical Neuroscience, 2020, 11, 783-795.	3.5	25
24	in vitro- and in vivo Evaluation of Methotrexate-Loaded Hydrogel Nanoparticles Intended to Treat Primary CNS Lymphoma via Intranasal Administration. Journal of Pharmacy and Pharmaceutical Sciences, 2018, 21, 305-317.	2.1	24
25	A mechanistic investigation on methotrexate-loaded chitosan-based hydrogel nanoparticles intended for CNS drug delivery: Trojan horse effect or not?. International Journal of Biological Macromolecules, 2019, 125, 785-790.	7.5	24
26	Plateâ€šshape carbonated hydroxyapatite/collagen nanocomposite hydrogel via <i>in situ</i> mineralization of hydroxyapatite concurrent with gelation of collagen at pH = 7.4 and 37Å°C. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1920-1929.	3.4	21
27	<p>EDTA-modified mesoporous silica as supra adsorbent of copper ions with novel approach as an antidote agent in copper toxicity<p>. International Journal of Nanomedicine, 2019, Volume 14, 7781-7792.	6.7	20
28	Taguchi orthogonal array design for the optimization of hydrogel nanoparticles for the intravenous delivery of smallâ€šmolecule drugs. Journal of Applied Polymer Science, 2012, 126, 1714-1724.	2.6	19
29	Defects in crystalline packings of twisted filament bundles. II. Dislocations and grain boundaries. Physical Review E, 2012, 85, 031604.	2.1	16
30	Traditional neurotherapeutics approach intended for direct nose to brain delivery. Journal of Ethnopharmacology, 2017, 209, 116-123.	4.1	16
31	Preparation and evaluation of niosomal chitosan-based in situ gel formulation for direct nose-to-brain methotrexate delivery. International Journal of Biological Macromolecules, 2022, 213, 1115-1126.	7.5	16
32	Controlled-release in-situ gel forming formulation of tramadol containing chitosan-based pro-nanogels. International Journal of Biological Macromolecules, 2018, 118, 1449-1454.	7.5	15
33	A novel approach to the application of hexagonal mesoporous silica in solid-phase extraction of drugs. Heliyon, 2018, 4, e00930.	3.2	13
34	Potential of chitosan/alginate nanoparticles as a non-viral vector for gene delivery: Formulation and optimization using D-optimal design. Materials Science and Engineering C, 2021, 128, 112262.	7.3	12
35	Application of Response Surface Method for Preparation, Optimization, and Characterization of Nicotinamide Loaded Solid Lipid Nanoparticles. Advanced Pharmaceutical Bulletin, 2018, 8, 245-256.	1.4	12
36	Valproateâ€šLoaded hydrogel nanoparticles: Preparation and characterization. Journal of Applied Polymer Science, 2012, 124, 4686-4693.	2.6	11

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37	Effect of a novel herbal vaginal suppository containing myrtle and oak gall in the treatment of vaginitis: a randomized clinical trial. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 603-614.	2.0	11
38	Indinavir-Loaded Nanostructured Lipid Carriers to Brain Drug Delivery: Optimization, Characterization and Neuropharmacokinetic Evaluation. <i>Current Drug Delivery</i> , 2019, 16, 341-354.	1.6	11
39	Phytochemistry and Phytotherapeutic Aspects of <i>Elaeagnus angustifolia</i> L.. <i>Current Drug Discovery Technologies</i> , 2016, 13, 199-210.	1.2	11
40	A simple and validated HPLC method for vancomycin assay in plasma samples: the necessity of TDM center development in Southern Iran. <i>Research in Pharmaceutical Sciences</i> , 2020, 15, 529.	1.8	11
41	Dynamic modeling of signal transduction by mTOR complexes in cancer. <i>Journal of Theoretical Biology</i> , 2019, 483, 109992.	1.7	10
42	Simvastatin-chitosan-citicoline conjugates nanoparticles as the co-delivery system in Alzheimer susceptible patients. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 1396-1407.	7.5	9
43	Brain targeted delivery of sumatriptan succinate loaded chitosan nanoparticles: Preparation, In vitro characterization, and (Neuro-)pharmacokinetic evaluations. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102179.	3.0	8
44	Targeted drug delivery systems to control neuroinflammation in central nervous system disorders. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102802.	3.0	8
45	Pollens in therapeutic/diagnostic systems and immune system targeting. <i>Journal of Controlled Release</i> , 2021, 340, 308-317.	9.9	8
46	Promising horizon to alleviate Alzheimer's disease pathological hallmarks via inhibiting mTOR signaling pathway: A new application for a commonplace analgesic. <i>Medical Hypotheses</i> , 2018, 110, 120-124.	1.5	7
47	Apolipoprotein J in Alzheimer's Disease: Shedding Light on Its Role with Cell Signaling Pathway Perspective and Possible Therapeutic Approaches. <i>ACS Chemical Neuroscience</i> , 2020, 11, 4060-4072.	3.5	6
48	Vesicles of yeast cell wall-sitagliptin to alleviate neuroinflammation in Alzheimer's disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 44, 102575.	3.3	6
49	<i>Erysimum cheiri</i> and <i>Rosa damascena</i> cerate vs. Diltiazem 2% gel in the treatment of acute anal fissure: A randomized, controlled clinical trial. <i>European Journal of Integrative Medicine</i> , 2020, 40, 101230.	1.7	3
50	Termination of Repeat Testing in Chemical Laboratories Based on Practice Guidelines: Examining the Effect of Rule-Based Repeat Testing in a Transplantation Center. <i>Journal of Analytical Methods in Chemistry</i> , 2021, 2021, 1-7.	1.6	3
51	Anti-Inflammatory Activity and Quality Control of <i>Erysimum cheiri</i> (L.) Crantz. <i>BioMed Research International</i> , 2021, 2021, 1-12.	1.9	3
52	Preparation, Optimization and Characterization of Chitosan-coated Liposomes for Solubility Enhancement of Furosemide: A Model BCS IV Drug. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 366-382.	0.5	3
53	Evaluating the effects of dark chocolate formulated with microencapsulated fermented garlic extract on cardio-metabolic indices in hypertensive patients: A crossover, triple-blind placebo-controlled randomized clinical trial. <i>Phytotherapy Research</i> , 2022, , .	5.8	3
54	Carbohydrate Polymers: Drug and Gene Delivery. , 2016, , 1319-1333.		1

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55	A Hopeful Prospect of Riociguat as a Soluble Guanylate Cyclase Stimulator for Management of Pressure Ulcers. <i>Current Drug Discovery Technologies</i> , 2018, 15, 20-23.	1.2	1
56	Statins as the Controlling Agents for Non-Hodgkin's Lymphomas via Increasing the Casein Kinase 2 Interacting Protein-1: A Hypothesis. <i>Current Drug Discovery Technologies</i> , 2020, 17, 616-618.	1.2	1
57	Fingerprints, Pharmaceutical and Radical Scavenging Activity Evaluation of an Alzheimer-Targeted Herbal Preparation. <i>Iranian Journal of Medical Sciences</i> , 2016, 41, S6.	0.4	1
58	Statistical Mechanics of Specular Reflections from Fluctuating Membranes and Interfaces. <i>Journal of Statistical Physics</i> , 2019, 175, 578-597.	1.2	0
59	Fatty acid-peptide-bioconjugated micellar nanocarrier as a new delivery system for l-asparaginase: multi-criteria optimization, characterization, and pharmacokinetic study. <i>Colloid and Polymer Science</i> , 2021, 299, 153-164.	2.1	0