

# 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	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
2	Preparation and evaluation of niosomal chitosan-based in situ gel formulation for direct nose-to-brain methotrexate delivery. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 1115-1126.	7.5	16
3	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
4	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
5	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
6	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
7	Chemically Engineered Immune Cell-Derived Microrobots and Biomimetic Nanoparticles: Emerging Biodiagnostic and Therapeutic Tools. <i>Advanced Science</i> , 2021, 8, 2002499.	11.2	42
8	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
9	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
10	Potential of chitosan/alginate nanoparticles as a non-viral vector for gene delivery: Formulation and optimization using D-optimal design. <i>Materials Science and Engineering C</i> , 2021, 128, 112262.	7.3	12
11	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
12	Pollens in therapeutic/diagnostic systems and immune system targeting. <i>Journal of Controlled Release</i> , 2021, 340, 308-317.	9.9	8
13	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
14	<i>Erysimum cheiri</i> and <i>Rosa-Adamscaena</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
15	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
16	Inflammation: A bridge between diabetes and COVID-19, and possible management with sitagliptin. <i>Medical Hypotheses</i> , 2020, 143, 110111.	1.5	48
17	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
18	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

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19	Carbohydrate polymer-based nanoparticle application in drug delivery for CNS-related disorders. <i>European Polymer Journal</i> , 2020, 128, 109607.	5.4	38
20	Nose-to-brain delivery of sumatriptan-loaded nanostructured lipid carriers: preparation, optimization, characterization and pharmacokinetic evaluation. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1341-1351.	2.4	25
21	Preparation, Optimization, and Evaluation of Methoxy Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (glycol)-<i>i</i> <i>Chemical Neuroscience</i> , 2020, 11, 783-795.	3.5	25
22	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
23	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
24	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
25	&lt;p&gt;EDTA-modified mesoporous silica as supra adsorbent of copper ions with novel approach as an antidote agent in copper toxicity&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7781-7792.	6.7	20
26	Dynamic modeling of signal transduction by mTOR complexes in cancer. <i>Journal of Theoretical Biology</i> , 2019, 483, 109992.	1.7	10
27	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
28	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
29	Statistical Mechanics of Specular Reflections from Fluctuating Membranes and Interfaces. <i>Journal of Statistical Physics</i> , 2019, 175, 578-597.	1.2	0
30	Plate&sharpe carbonated hydroxyapatite/collagen nanocomposite hydrogel via <i>in situ</i> mineralization of hydroxyapatite concurrent with gelation of collagen at pH = 7.4 and 37&deg;C. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1920-1929.	3.4	21
31	A mechanistic investigation on methotrexate-loaded chitosan-based hydrogel nanoparticles intended for CNS drug delivery: Trojan horse effect or not?. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 785-790.	7.5	24
32	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
33	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
34	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
35	A novel approach to the application of hexagonal mesoporous silica in solid-phase extraction of drugs. <i>Heliyon</i> , 2018, 4, e00930.	3.2	13
36	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

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37	in vitro- and in vivo Evaluation of Methotrexate-Loaded Hydrogel Nanoparticles Intended to Treat Primary CNS Lymphoma via Intranasal Administration. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 21, 305-317.	2.1	24
38	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
39	Controlled-release in-situ gel forming formulation of tramadol containing chitosan-based pro-nanogels. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1449-1454.	7.5	15
40	Application of Response Surface Method for Preparation, Optimization, and Characterization of Nicotinamide Loaded Solid Lipid Nanoparticles. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 245-256.	1.4	12
41	Traditional neurotherapeutics approach intended for direct nose to brain delivery. <i>Journal of Ethnopharmacology</i> , 2017, 209, 116-123.	4.1	16
42	Neutral versus charged defect patterns in curved crystals. <i>Physical Review E</i> , 2016, 94, 013003.	2.1	28
43	Carbohydrate Polymers: Drug and Gene Delivery. , 2016, , 1319-1333.		1
44	Chitosan-based hydrogel nanoparticle amazing behaviors during transmission electron microscopy. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 31-34.	7.5	35
45	Phytochemistry and Phytotherapeutic Aspects of <i>Elaeagnus angustifolia</i> L.. <i>Current Drug Discovery Technologies</i> , 2016, 13, 199-210.	1.2	11
46	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
47	Neuropharmacokinetic evaluation of methotrexate-loaded chitosan nanogels. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 326-335.	7.5	41
48	Emergent Structure of Multidislocation Ground States in Curved Crystals. <i>Physical Review Letters</i> , 2014, 112, 225502.	7.8	35
49	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
50	Nanostructure l-asparaginase-fatty acid bioconjugate: Synthesis, preformulation study and biological assessment. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 180-187.	7.5	32
51	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
52	Valproate-Loaded hydrogel nanoparticles: Preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2012, 124, 4686-4693.	2.6	11
53	Preparation and optimization of surface-treated methotrexate-loaded nanogels intended for brain delivery. <i>Carbohydrate Polymers</i> , 2012, 90, 462-471.	10.2	57
54	Defects in crystalline packings of twisted filament bundles. II. Dislocations and grain boundaries. <i>Physical Review E</i> , 2012, 85, 031604.	2.1	16

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55	Taguchi orthogonal array design for the optimization of hydrogel nanoparticles for the intravenous delivery of small molecule drugs. <i>Journal of Applied Polymer Science</i> , 2012, 126, 1714-1724.	2.6	19
56	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
57	Hydrogel nanoparticles in drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 1638-1649.	13.7	1,685
58	Designing PEGylated therapeutic molecules: advantages in ADMET properties. <i>Expert Opinion on Drug Discovery</i> , 2008, 3, 1293-1307.	5.0	30
59	Pharmacokinetic Consequences of Pegylation. <i>Drug Delivery</i> , 2006, 13, 399-409.	5.7	255