

# Simin Dadashzadeh

## List of Publications by Year in descending order

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66  
papers

1,676  
citations

257101

24  
h-index

301761

39  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2649  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerated Blood Clearance of PEGylated PLGA Nanoparticles Following Repeated Injections: Effects of Polymer Dose, PEG Coating, and Encapsulated Anticancer Drug. <i>Pharmaceutical Research</i> , 2013, 30, 985-995.	1.7	102
2	Chitosan gel-embedded moxifloxacin niosomes: An efficient antimicrobial hybrid system for burn infection. <i>International Journal of Biological Macromolecules</i> , 2016, 85, 625-633.	3.6	100
3	Peritoneal retention of liposomes: Effects of lipid composition, PEG coating and liposome charge. <i>Journal of Controlled Release</i> , 2010, 148, 177-186.	4.8	93
4	Potential of Liposomes for Enhancement of Oral Drug Absorption. <i>Current Drug Delivery</i> , 2016, 13, 1-1.	0.8	86
5	Niosomal carriers enhance oral bioavailability of&nbsp;carvedilol: effects of bile salt-enriched vesicles and carrier surface charge&nbsp;. <i>International Journal of Nanomedicine</i> , 2015, 10, 4797.	3.3	81
6	Nanomedicine approaches for sirolimus delivery: a review of pharmaceutical properties and preclinical studies. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-14.	1.9	80
7	Effect of liposome size on peritoneal retention and organ distribution after intraperitoneal injection in mice. <i>International Journal of Pharmaceutics</i> , 2010, 383, 7-13.	2.6	65
8	An investigation of affecting factors on MOF characteristics for biomedical applications: A systematic review. <i>Heliyon</i> , 2021, 7, e06914.	1.4	65
9	The effect of PEG coating on in vitro cytotoxicity and in vivo disposition of topotecan loaded liposomes in rats. <i>International Journal of Pharmaceutics</i> , 2008, 353, 251-259.	2.6	63
10	Nanoformulation strategies for improving intestinal permeability of drugs: A more precise look at permeability assessment methods and pharmacokinetic properties changes. <i>Journal of Controlled Release</i> , 2020, 321, 669-709.	4.8	63
11	Utilization of chitosan-caged liposomes to push the boundaries of therapeutic delivery. <i>Carbohydrate Polymers</i> , 2017, 157, 991-1012.	5.1	53
12	Use of remote film loading methodology to entrap sirolimus into liposomes: Preparation, characterization and in vivo efficacy for treatment of restenosis. <i>International Journal of Pharmaceutics</i> , 2011, 414, 16-27.	2.6	44
13	Co-delivery of Doxorubicin and PSC 833 (Valspodar) by Stealth Nanoliposomes for Efficient Overcoming of Multidrug Resistance. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2012, 15, 568.	0.9	44
14	The effect of gender on the pharmacokinetics of verapamil and norverapamil in human. <i>Biopharmaceutics and Drug Disposition</i> , 2006, 27, 329-334.	1.1	43
15	Effect of Surfactant Type, Cholesterol Content and Various Downsizing Methods on the Particle Size of Niosomes. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1-11.	0.3	43
16	Marked effects of combined TPGS and PVA emulsifiers in the fabrication of etoposide-loaded PLGA-PEG nanoparticles: In vitro and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2014, 464, 135-144.	2.6	42
17	EGFR targeted thermosensitive liposomes: A novel multifunctional platform for simultaneous tumor targeted and stimulus responsive drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 657-669.	2.5	39
18	Doxorubicin-loaded liposomes: enhancing the oral bioavailability by modulation of physicochemical characteristics. <i>Nanomedicine</i> , 2017, 12, 1187-1202.	1.7	38

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19	Sirolimus-loaded stealth colloidal systems attenuate neointimal hyperplasia after balloon injury: A comparison of phospholipid micelles and liposomes. <i>International Journal of Pharmaceutics</i> , 2013, 455, 320-330.	2.6	34
20	&lt;p&gt;The Impact of Surfactant Composition and Surface Charge of Niosomes on the Oral Absorption of Repaglinide as a BCS II Model Drug&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8767-8781.	3.3	32
21	9-Nitrocamptothecin polymeric nanoparticles: cytotoxicity and pharmacokinetic studies of lactone and total forms of drug in rats. <i>Anti-Cancer Drugs</i> , 2008, 19, 805-811.	0.7	28
22	Preparation, Optimization, and Characterization of Topotecan Loaded PEGylated Liposomes Using Factorial Design. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 10-23.	0.9	27
23	Effective attenuation of vascular restenosis following local delivery of chitosan decorated sirolimus liposomes. <i>Carbohydrate Polymers</i> , 2017, 157, 1461-1469.	5.1	27
24	Labrasol-Enriched Nanoliposomal Formulation: Novel Approach to Improve Oral Absorption of Water-Insoluble Drug, Carvedilol. <i>AAPS PharmSciTech</i> , 2018, 19, 2961-2970.	1.5	26
25	Pharmacokinetics, Tissue Distribution and Excretion of Ag2S Quantum Dots in Mice and Rats: the Effects of Injection Dose, Particle Size and Surface Charge. <i>Pharmaceutical Research</i> , 2019, 36, 46.	1.7	22
26	An enzyme-mediated controlled release system for curcumin based on cyclodextrin/cyclodextrin degrading enzyme. <i>Enzyme and Microbial Technology</i> , 2021, 144, 109727.	1.6	22
27	<sup>99m</sup> Tc-HMPAO-labeled liposomes: an investigation into the effects of some formulation factors on labeling efficiency and in vitro stability. <i>Nuclear Medicine and Biology</i> , 2008, 35, 387-392.	0.3	19
28	State of the Art of Stimuli-Responsive Liposomes for Cancer Therapy. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 1273-1304.	0.3	19
29	Theranostic niosomes for direct intratumoral injection: marked enhancement in tumor retention and anticancer efficacy. <i>Nanomedicine</i> , 2018, 13, 2201-2219.	1.7	18
30	Green formulation of curcumin loaded lipid-based nanoparticles as a novel carrier for inhibition of post-angioplasty restenosis. <i>Materials Science and Engineering C</i> , 2019, 105, 110037.	3.8	17
31	In-vitro Cellular Uptake and Transport Study of 9-Nitrocamptothecin PLGA Nanoparticles Across Caco-2 Cell Monolayer Model. <i>Iranian Journal of Pharmaceutical Research</i> , 2011, 10, 425-34.	0.3	17
32	PEGylated estradiol benzoate liposomes as a potential local vascular delivery system for treatment of restenosis. <i>Journal of Microencapsulation</i> , 2012, 29, 83-94.	1.2	16
33	Tadalafil nanocomposites as a dry powder formulation for inhalation, a new strategy for pulmonary arterial hypertension treatment. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 133, 275-286.	1.9	16
34	Biopharmaceutical and pharmacokinetic aspects of nanocarrier-mediated oral delivery of poorly soluble drugs. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102324.	1.4	16
35	Synthesis, Characterization, In Vivo Imaging, Hemolysis, and Toxicity of Hydrophilic Ag2S Near-Infrared Quantum Dots. <i>Journal of Cluster Science</i> , 2017, 28, 165-178.	1.7	15
36	Preparation and characterization of stable nanoliposomal formulation of fluoxetine as a potential adjuvant therapy for drug-resistant tumors. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 3-14.	0.3	13

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37	A Simple and Sensitive HPLC Method for Fluorescence Quantitation of Doxorubicin in Micro-volume Plasma: Applications to Pharmacokinetic Studies in Rats. Iranian Journal of Pharmaceutical Research, 2015, 14, 33-42.	0.3	13
38	SIMPLE AND EFFICIENT HPLC-UV QUANTITATION OF ETOPOSIDE AND ITS CIS-ISOMER IN RAT MICRO-VOLUME PLASMA AND TISSUE SAMPLES: APPLICATION TO PHARMACOKINETIC AND BIODISTRIBUTION STUDIES. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 2130-2148.	0.5	11
39	Physicochemical characteristics of liposomes are decisive for their antirestenosis efficacy following local delivery. Nanomedicine, 2017, 12, 131-145.	1.7	11
40	Targeted anticancer prodrug therapy using dextran mediated enzyme-antibody conjugate and $\beta$ -cyclodextrin-curcumin inclusion complex. International Journal of Biological Macromolecules, 2020, 160, 1029-1041.	3.6	11
41	Radiolabeling of Preformed Niosomes with [ <sup>99m</sup> Tc]: In Vitro Stability, Biodistribution, and In Vivo Performance. AAPS PharmSciTech, 2018, 19, 3859-3870.	1.5	10
42	Preclinical pharmacokinetics of KBF611, a new antituberculosis agent in mice and rabbits, and comparison with thiacetazone. Xenobiotica, 2010, 40, 225-234.	0.5	9
43	A Novel Combined Approach of Short-Chain Sphingolipids and Thermosensitive Liposomes for Improved Drug Delivery to Tumor Cells. Journal of Biomedical Nanotechnology, 2016, 12, 630-644.	0.5	8
44	Tuning the Physicochemical Characteristics of Particle-Based Carriers for Intraperitoneal Local Chemotherapy. Pharmaceutical Research, 2020, 37, 119.	1.7	8
45	Dorzolamide Loaded Niosomal Vesicles: Comparison of Passive and Remote Loading Methods. Iranian Journal of Pharmaceutical Research, 2017, 16, 413-422.	0.3	8
46	Green Formulation of Triglyceride/Phospholipid-Based Nanocarriers as a Novel Vehicle for Oral Coenzyme Q10 Delivery. Journal of Food Science, 2019, 84, 2572-2583.	1.5	7
47	Enhanced Dissolution Rate of Tadalafil Nanoparticles Prepared by Sonoprecipitation Technique: Optimization and Physicochemical Investigation. Iranian Journal of Pharmaceutical Research, 2017, 16, 1335-1348.	0.3	7
48	Preparation, Characterization and Pharmacokinetic Evaluation of Brij Decorated Doxorubicin Liposomes as a Potential Nanocarrier for Cancer Therapy. Iranian Journal of Pharmaceutical Research, 2018, 17, 33-43.	0.3	7
49	Administration of Vancomycin at High Doses in Patients with Post Neurosurgical Meningitis: A Comprehensive Comparison between Continuous Infusion and Intermittent Infusion. Iranian Journal of Pharmaceutical Research, 2018, 17, 195-205.	0.3	6
50	An Investigation into the Role of P-Glycoprotein in the Intestinal Absorption of Repaglinide: Assessed by Everted Gut Sac and Caco-2 Cell Line. Iranian Journal of Pharmaceutical Research, 2019, 18, 102-110.	0.3	4
51	Simultaneous determination of a new antituberculosis agent KBF-611 and its de-acetylated metabolite in mouse and rabbit plasma by HPLC. Archives of Pharmacal Research, 2009, 32, 1453-1460.	2.7	3
52	DIBc nano metal-organic framework improves biochemical and pathological parameters of experimental chronic kidney disease. Journal of Trace Elements in Medicine and Biology, 2020, 61, 126547.	1.5	3
53	A microdosimetry model of kidney by GATE Monte Carlo simulation using a nonuniform activity distribution in digital phantom of nephron. Nuclear Medicine Communications, 2020, 41, 110-119.	0.5	3
54	Ameliorative effect of a nano chromium metal-organic framework on experimental diabetic chronic kidney disease. Drug Development Research, 2021, 82, 393-403.	1.4	3

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55	Multivesicular liposomal depot system for sustained delivery of risperidone: development, characterization, and toxicity assessment. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 1290-1301.	0.9	3
56	Multivesicular liposomes as a potential drug delivery platform for cancer therapy: A systematic review. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102842.	1.4	2
57	&lt;p&gt;BCc1 Nanomedicine Therapeutic Effects in Streptozotocin and High-Fat Diet Induced Diabetic Kidney Disease&lt;p&gt;. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 1179-1188.	1.1	2
58	Metabolite parameters as an appropriate alternative approach for assessment of bioequivalence of two verapamil formulations. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 383-9.	0.3	2
59	A 16 Month Survey of Cyclosporine Utilization Evaluation in Allogeneic Hematopoietic Stem Cell Transplant Recipients. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 331-9.	0.3	2
60	Simvastatin in ternary solid dispersion formulations: Improved In vitro dissolution and anti-hyperlipidemia efficiency. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103571.	1.4	2
61	Effects of cyclosporine A on the hepatobiliary disposition and hepatic uptake of etoposide in an isolated perfused rat liver model. <i>Cancer Chemotherapy and Pharmacology</i> , 2015, 75, 961-968.	1.1	1
62	Controlled SLN Delivery by Thermoresponsive In-situ Forming Erodible Gels; A Whole-body and Organ Imaging Study. <i>Current Drug Delivery</i> , 2018, 15, 510-519.	0.8	1
63	Physicochemical, Stress Degradation Evaluation and Pharmacokinetic Study of AZGH101; a New Synthesized COX2 Inhibitor after I.V. and Oral Administration in Male and Female Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 115-123.	0.3	1
64	Pharmacokinetics, tissue distribution and peritoneal retention of Ag2S quantum dots following intraperitoneal administration to mice. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 1599-1608.	1.2	0
65	Physicochemical, Stress Degradation Evaluation and Pharmacokinetic Study of AZGH102, a New Synthesized COX2 Inhibitors after I.V. and Oral Administration in Male and Female Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 442-450.	0.3	0
66	Evaluation of Cyclosporine Pharmacokinetic, Monitoring, and Dosing Parameters for GVHD Prophylaxis in Hematopoietic Stem Cell Transplant (HSCT) Recipients. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 302-314.	0.3	0