Mehrdad Hamidi

List of Publications by Year
in descending order

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96	5,749	94269 37	76769 74
papers	citations	h-index	g-index

98	98	98	8613
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polysorbate-coated mesoporous silica nanoparticles as an efficient carrier for improved rivastigmine brain delivery. Brain Research, 2022, 1781, 147786.	1.1	14
2	Preparation of Graphene Oxide/Fe₃O₄ Nanocomposite as a Potential Magnetic Nanocarrier and MRI Contrast Agent. ChemistrySelect, 2021, 6, 2862-2868.	0.7	19
3	Fabrication of ciprofloxacin-loaded chitosan/polyethylene oxide/silica nanofibers for wound dressing application: In vitro and in vivo evaluations. International Journal of Pharmaceutics, 2021, 597, 120313.	2.6	47
4	Enhancement of the brain delivery of methotrexate with administration of mid-chain ester prodrugs: In vitro and in vivo studies. International Journal of Pharmaceutics, 2021, 600, 120479.	2.6	17
5	Surface modification of neurotrophinâ€3 loaded PCL/chitosan nanofiber/net by alginate hydrogel microlayer for enhanced biocompatibility in neural tissue engineering. Journal of Biomedical Materials Research - Part A, 2021, 109, 2237-2254.	2.1	20
6	Improved oral bioavailability of repaglinide, a typical BCS Class II drug, with a chitosanâ€coated nanoemulsion. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 717-728.	1.6	16
7	Preparation, optimization, and in-vitro characterization of Î±-tocopherol-loaded solid lipid nanoparticles (SLNs). Drug Development and Industrial Pharmacy, 2020, 46, 159-171.	0.9	16
8	Emerging insights on drug delivery by fatty acid mediated synthesis of lipophilic prodrugs as novel nanomedicines. Journal of Controlled Release, 2020, 326, 556-598.	4.8	49
9	Effect of Colloidal Aqueous Solution of Fullerene (C60) in the Presence of a P-Glycoprotein Inhibitor (Verapamil) on Spatial Memory and Hippocampal Expression of Sirtuin6, SELADIN1, and AQP1 Genes in a Rat Model of Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2020, 11, 2549-2565.	1.7	10
10	Preparation, Optimization, and Evaluation of Methoxy Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (glycol)-co-Pol Chemical Neuroscience, 2020, 11, 783-795.	1.7	25
11	Preparation, Optimization and Characterization of Chitosan-coated Liposomes for Solubility Enhancement of Furosemide: A Model BCS IV Drug. Iranian Journal of Pharmaceutical Research, 2020, 19, 366-382.	0.3	3
12	Optimization of Olive Oil-Based Nanoemulsion Preparation for Intravenous Drug Delivery. Drug Research, 2019, 69, 256-264.	0.7	13
13	A novel approach for the synthesis of phospholipid bilayer-coated zeolitic imidazolate frameworks: preparation and characterization as a pH-responsive drug delivery system. New Journal of Chemistry, 2019, 43, 1956-1963.	1.4	19
14	Neuroprotective Potential of Curcumin-Loaded Nanostructured Lipid Carrier in an Animal Model of Alzheimerâ€™s Disease: Behavioral and Biochemical Evidence. Journal of Alzheimer's Disease, 2019, 69, 671-686.	1.2	64
15	Oral delivery of indinavir using mPEG-PCL nanoparticles: preparation, optimization, cellular uptake, transport and pharmacokinetic evaluation. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 2123-2133.	1.9	27
16	Mesoporous Silicaâ€Based Materials with Bactericidal Properties. Small, 2019, 15, e1900669.	5.2	125
17	Magnetic brain targeting of naproxen-loaded polymeric micelles: pharmacokinetics and biodistribution study. Materials Science and Engineering C, 2019, 100, 771-780.	3.8	33
18	Nanoemulsions in CNS drug delivery: recent developments, impacts and challenges. Drug Discovery Today, 2019, 24, 1104-1115.	3.2	56

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19	Neuropharmacokinetic evaluation of lactoferrin-treated indinavir-loaded nanoemulsions: remarkable brain delivery enhancement. Drug Development and Industrial Pharmacy, 2019, 45, 736-744.	0.9	39
20	Brain Delivery of Curcumin Using Solid Lipid Nanoparticles and Nanostructured Lipid Carriers: Preparation, Optimization, and Pharmacokinetic Evaluation. ACS Chemical Neuroscience, 2019, 10, 728-739.	1.7	126
21	Indinavir-Loaded Nanostructured Lipid Carriers to Brain Drug Delivery: Optimization, Characterization and Neuropharmacokinetic Evaluation. Current Drug Delivery, 2019, 16, 341-354.	0.8	11
22	Magnetic molecularly imprinted polymer nanoparticles for dispersive micro solid-phase extraction and determination of buprenorphine in human urine samples by HPLC-FL. Journal of the Iranian Chemical Society, 2018, 15, 1569-1580.	1.2	12
23	Factorial design analysis and optimisation of chitosanâ€based nanogels as controlled release system for gentamicin. IET Nanobiotechnology, 2018, 12, 12-17.	1.9	5
24	Drug-conjugated PLAâ€“PEGâ€“PLA copolymers: a novel approach for controlled delivery of hydrophilic drugs by micelle formation. Pharmaceutical Development and Technology, 2017, 22, 947-957.	1.1	70
25	Co-delivery of hydrophilic and hydrophobic drugs by micelles: a new approach using drug conjugated PEGâ€“PCLNanoparticles. Drug Development and Industrial Pharmacy, 2017, 43, 1908-1918.	0.9	38
26	Mesoporous silica materials: From physico-chemical properties to enhanced dissolution of poorly water-soluble drugs. Journal of Controlled Release, 2017, 262, 329-347.	4.8	202
27	Magnetic nanogels as dual triggered anticancer drug delivery: Toxicity evaluation on isolated rat liver mitochondria. Toxicology Letters, 2017, 278, 18-29.	0.4	25
28	Development and characterization of a novel lipohydrogel nanocarrier: repaglinide as a lipophilic model drug. Journal of Pharmacy and Pharmacology, 2016, 68, 450-458.	1.2	15
29	Carbohydrate Polymers: Drug and Gene Delivery. , 2016, , 1319-1333.		1
30	Cubosomes: remarkable drug delivery potential. Drug Discovery Today, 2016, 21, 789-801.	3.2	248
31	Dissolution enhancement of a model poorly water-soluble drug, atorvastatin, with ordered mesoporous silica: comparison of MSF with SBA-15 as drug carriers. Expert Opinion on Drug Delivery, 2016, 13, 171-181.	2.4	39
32	Preparation and in vitro/pharmacokinetic/pharmacodynamic evaluation of a slow-release nano-liposomal form of prednisolone. Drug Delivery, 2016, 23, 3008-3016.	2.5	15
33	Method validation of amlodipine and atorvastatin by liquid chromatographyâ€“mass spectrometry (LCâ€“MS) method in human plasma. Cogent Medicine, 2016, 3, 1129790.	0.7	9
34	Design, preparation, and in vitro characterization of a trimodally-targeted nanomagnetic onco-theranostic system for cancer diagnosis and therapy. International Journal of Pharmaceutics, 2016, 500, 62-76.	2.6	35
35	Pharmacokinetics and Bioequivalence of Methotrexate in Human Plasma Studied by Liquid Chromatography-Mass Spectrometry (LC-MS). Jundishapur Journal of Natural Pharmaceutical Products, 2016, 11, .	0.3	2
36	LC-MS Method for Studying the Pharmacokinetics and Bioequivalence of Clonidine Hydrochloride in Healthy Male Volunteers. Avicenna Journal of Medical Biotechnology, 2016, 8, 91-8.	0.2	7

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37	Synthesis and characterization of dextran coated magnetite nanoparticles for diagnostics and therapy. BioImpacts, 2015, 5, 141-150.	0.7	70
38	Simple and Sensitive High-Performance Liquid Chromatography (HPLC) Method with UV Detection for Mycophenolic Acid Assay in Human Plasma. Application to a Bioequivalence Study. Advanced Pharmaceutical Bulletin, 2015, 5, 563-568.	0.6	21
39	Neuropharmacokinetic evaluation of methotrexate-loaded chitosan nanogels. International Journal of Biological Macromolecules, 2015, 79, 326-335.	3.6	41
40	Artemia salina as a model organism in toxicity assessment of nanoparticles. DARU, Journal of Pharmaceutical Sciences, 2015, 23, 20.	0.9	158
41	Repaglinide-loaded solid lipid nanoparticles: effect of using different surfactants/stabilizers on physicochemical properties of nanoparticles. DARU, Journal of Pharmaceutical Sciences, 2015, 23, 46.	0.9	78
42	The impact of polymer coatings on magnetite nanoparticles performance as MRI contrast agents: a comparative study. DARU, Journal of Pharmaceutical Sciences, 2015, 23, 45.	0.9	94
43	Pharmacokinetics and Bioequivalence Study of Amlodipine and Atorvastatin in Healthy Male Volunteers by LC-MS. Pharmaceutical Sciences, 2015, 21, 167-174.	0.8	17
44	Simple and sensitive high performance liquid chromatographic method for the simultaneous quantitation of the phenylalanine in human plasma. Pharmaceutical and Biomedical Research, 2015, 1, 11-19.	0.3	4
45	Liquid chromatographyâ€“tandem mass spectrometry (LC-MS) method for the assignment of enalapril and enalaprilat in human plasma. Pharmaceutical and Biomedical Research, 2015, 1, 47-58.	0.3	5
46	pH-Triggered Magnetic-Chitosan Nanogels (MCNs) For Doxorubicin Delivery: Physically vs. Chemically Cross Linking Approach. Advanced Pharmaceutical Bulletin, 2015, 5, 115-20.	0.6	27
47	Doxorubicin-conjugated coreâ€“shell magnetite nanoparticles as dual-targeting carriers for anticancer drug delivery. Colloids and Surfaces B: Biointerfaces, 2014, 117, 406-413.	2.5	92
48	Carrier erythrocytes: recent advances, present status, current trends and future horizons. Expert Opinion on Drug Delivery, 2014, 11, 433-447.	2.4	33
49	Biodegradable m-PEG/PCL Core-Shell Micelles: Preparation and Characterization as a Sustained Release Formulation for Curcumin. Advanced Pharmaceutical Bulletin, 2014, 4, 501-10.	0.6	66
50	The mechanisms of surface chemistry effects of mesoporous silicon nanoparticles on immunotoxicity and biocompatibility. Biomaterials, 2013, 34, 7776-7789.	5.7	163
51	The Anticancer Agent Prodigiosin Is Not a Multidrug Resistance Protein Substrate. DNA and Cell Biology, 2013, 32, 90-97.	0.9	54
52	Preparation, optimization, and in-vitro/in-vivo/ex-vivo characterization of chitosan-heparin nanoparticles: drug-induced gelation. Journal of Pharmacy and Pharmacology, 2013, 65, 1118-1133.	1.2	25
53	A Rapid and Sensitive LCâ€“MS Method for Determination of Ezetimibe Concentration in Human Plasma: Application to a Bioequivalence Study. Chromatographia, 2013, 76, 1667-1675.	0.7	20
54	Methotrexate-loaded chitosan nanogels as â€˜Trojan Horsesâ€™ for drug delivery to brain: Preparation and in vitro/in vivo characterization. International Journal of Biological Macromolecules, 2013, 62, 523-530.	3.6	97

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55	The impact of preparation parameters on typical attributes of chitosan-heparin nanohydrogels: particle size, loading efficiency, and drug release. Drug Development and Industrial Pharmacy, 2013, 39, 1774-1782.	0.9	14
56	A Pharmacokinetic Overview of Nanotechnology-Based Drug Delivery Systems: An ADME-Oriented Approach. Critical Reviews in Therapeutic Drug Carrier Systems, 2013, 30, 435-467.	1.2	69
57	Valproateâ€Loaded hydrogel nanoparticles: Preparation and characterization. Journal of Applied Polymer Science, 2012, 124, 4686-4693.	1.3	11
58	A New Facilitated Solid Phase Extraction Method for Bioavailability Evaluation of Lisinopril in Fasting Healthy Male Volunteers. Current Pharmaceutical Analysis, 2012, 8, 431-439.	0.3	2
59	Preparation and optimization of surface-treated methotrexate-loaded nanogels intended for brain delivery. Carbohydrate Polymers, 2012, 90, 462-471.	5.1	57
60	Lack of Evidence for Involvement of P-Glycoprotein in Brain Uptake of the Centrally Acting Analgesic, Tramadol in the Rat. Journal of Pharmacy and Pharmaceutical Sciences, 2012, 15, 606.	0.9	9
61	Taguchi orthogonal array design for the optimization of hydrogel nanoparticles for the intravenous delivery of smallâ€molecule drugs. Journal of Applied Polymer Science, 2012, 126, 1714-1724.	1.3	19
62	Copolymers: Efficient Carriers for Intelligent Nanoparticulate Drug Targeting and Gene Therapy. Macromolecular Bioscience, 2012, 12, 144-164.	2.1	57
63	Preparation of biodegradable nanoparticles of tri-block PLAâ€“PEGâ€“PLA copolymer and determination of factors controlling the particle size using artificial neural network. Journal of Microencapsulation, 2011, 28, 406-416.	1.2	73
64	Preparation and in-vitro characterization of tramadol-loaded carrier erythrocytes for long-term intravenous delivery. Journal of Pharmacy and Pharmacology, 2011, 63, 322-332.	1.2	14
65	Co-encapsulation of a Drug with a Protein in Erythrocytes for Improved Drug Loading and Release: Phenytoin and Bovine Serum Albumin (BSA). Journal of Pharmacy and Pharmaceutical Sciences, 2011, 14, 46.	0.9	20
66	Bioequivalence evaluation of a triamtereneâ€“hydrochlorothiazide generic product: A new bioequivalence index for fixed-dose combinations. Regulatory Toxicology and Pharmacology, 2011, 59, 149-156.	1.3	6
67	Preparation and characterization of tri-block poly(lactide)â€“poly(ethylene glycol)â€“poly(lactide) nanogels for controlled release of naltrexone. International Journal of Pharmaceutics, 2011, 416, 356-364.	2.6	42
68	Encapsulation of Valproate-Loaded Hydrogel Nanoparticles in Intact Human Erythrocytes: A Novel Nano-cell Composite for Drug Delivery. Journal of Pharmaceutical Sciences, 2011, 100, 1702-1711.	1.6	41
69	Central nervous system distribution kinetics of indinavir in rats. Journal of Pharmacy and Pharmacology, 2010, 59, 1077-1085.	1.2	8
70	Inhibition of serum angiotensin-converting enzyme in rabbits after intravenous administration of enalaprilat-loaded intact erythrocytes. Journal of Pharmacy and Pharmacology, 2010, 53, 1281-1286.	1.2	12
71	Pharmacokinetic properties of indinavir in rat: some limitations of noncompartmental analysis. Drug Development and Industrial Pharmacy, 2010, 36, 355-361.	0.9	5
72	Brain drug targeting: a computational approach for overcoming bloodâ€“brain barrier. Drug Discovery Today, 2009, 14, 1030-1036.	3.2	71

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73	Combined therapy of silymarin and desferrioxamine in patients with Î²â€thalassemia major: a randomized doubleâ€blind clinical trial. Fundamental and Clinical Pharmacology, 2009, 23, 359-365.	1.0	46
74	A reversedâ€phase highâ€performance liquid chromatography method for bovine serum albumin assay in pharmaceutical dosage forms and protein/antigen delivery systems. Drug Testing and Analysis, 2009, 1, 214-218.	1.6	13
75	A Simple and Sensitive HPLC-UV Method for Quantitation of Lovastatin in Human Plasma: Application to a Bioequivalence Study. Biological and Pharmaceutical Bulletin, 2009, 32, 1600-1603.	0.6	22
76	Pharmacokinetic properties of indinavir in rat: some limitations of noncompartmental analysis. Drug Development and Industrial Pharmacy, 2009, 00, 090904071538034-7.	0.9	1
77	Hydrogel nanoparticles in drug delivery. Advanced Drug Delivery Reviews, 2008, 60, 1638-1649.	6.6	1,685
78	Designing PEGylated therapeutic molecules: advantages in ADMET properties. Expert Opinion on Drug Discovery, 2008, 3, 1293-1307.	2.5	30
79	Novel Delivery Systems for Interferons. Critical Reviews in Biotechnology, 2007, 27, 111-127.	5.1	9
80	Preparation and Validation of Carrier Human Erythrocytes Loaded by Bovine Serum Albumin as a Model Antigen/Protein. Drug Delivery, 2007, 14, 295-300.	2.5	23
81	Preparation and in vitro characterization of carrier erythrocytes for vaccine delivery. International Journal of Pharmaceutics, 2007, 338, 70-78.	2.6	52
82	Preparation and in vitro evaluation of carrier erythrocytes for RES-targeted delivery of interferon-alpha 2b. International Journal of Pharmaceutics, 2007, 341, 125-133.	2.6	39
83	Applications of carrier erythrocytes in delivery of biopharmaceuticals. Journal of Controlled Release, 2007, 118, 145-160.	4.8	153
84	Pharmacokinetic Consequences of Pegylation. Drug Delivery, 2006, 13, 399-409.	2.5	255
85	Role of P-glycoprotein in tissue uptake of indinavir in rat. Life Sciences, 2006, 79, 991-998.	2.0	24
86	A simple and rapid HPLC method for quantitation of interferon-Î±2b in dosage forms and delivery systems. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 833, 199-203.	1.2	8
87	Simple and sensitive high-performance liquid chromatography method for the quantitation of indinavir in rat plasma and central nervous system. Journal of Separation Science, 2006, 29, 620-627.	1.3	12
88	Lipoproteins: From Physiological Roles to Drug Delivery Potentials. Critical Reviews in Therapeutic Drug Carrier Systems, 2006, 23, 497-523.	1.2	8
89	Polymeric Delivery Systems for Biopharmaceuticals. Biotechnology and Genetic Engineering Reviews, 2004, 21, 147-182.	2.4	10
90	Carrier Erythrocytes: An Overview. Drug Delivery, 2003, 10, 9-20.	2.5	160

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91	Relationship of serum ACE inhibition to oral dose of enalapril in normotensive volunteers. Journal of Clinical Pharmacy and Therapeutics, 2002, 27, 121-126.	0.7	4
92	In Vitro Characterization of Human Intact Erythrocytes Loaded by Enalaprilat. Drug Delivery, 2001, 8, 223-230.	2.5	55
93	A simple HPLC method for quantitation of enalaprilat. Journal of Pharmaceutical and Biomedical Analysis, 2001, 24, 675-680.	1.4	20
94	Evaluation of Hypotonic Preswelling Method for Encapsulation of Enalaprilat in Intact Human Erythrocytes. Drug Development and Industrial Pharmacy, 2000, 26, 1247-1257.	0.9	42
95	Hydrogel Nanoparticles: Drug Delivery. , 0, , 3796-3807.		0
96	Copolymers: Drug Delivery. , 0, , 2192-2202.		0