

Soliman Mohammadi-Samani Pharm D

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

3,265
citations

196777

29
h-index

198040

52
g-index

108
all docs

108
docs citations

108
times ranked

4905
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethosomes as dermal/transdermal drug delivery systems: applications, preparation and characterization. <i>Journal of Liposome Research</i> , 2023, 33, 34-52.	1.5	18
2	Theranostic mesoporous silica nanoparticles made of multi-nuclear gold or carbon quantum dots particles serving as pH responsive drug delivery system. <i>Microporous and Mesoporous Materials</i> , 2022, 329, 111512.	2.2	31
3	Oxybutynin-Nanoemulgel Formulation as a Successful Skin Permeation Strategy: In-vitro and ex-vivo Evaluation. <i>Frontiers in Materials</i> , 2022, 9, .	1.2	3
4	In vitro DNA plasmid condensation and transfection through pH-responsive nanohydrogel. <i>Progress in Biomaterials</i> , 2022, 11, 219-227.	1.8	1
5	Novel topical drug delivery systems in acne management: Molecular mechanisms and role of targeted delivery systems for better therapeutic outcomes. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103595.	1.4	6
6	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.	1.6	2
7	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.	1.0	0
8	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.	1.4	8
9	Assessment of pH Responsive Delivery of Methotrexate Based on PHEMA-st-PEG-DA Nanohydrogels. <i>Macromolecular Research</i> , 2021, 29, 54-61.	1.0	19
10	Integrin receptor mediated pH-responsive nano-hydrogel based on histidine-modified poly(aminoethyl) Tj ETQq0 0 0 rgBT /Overlock 10 T Technology, 2021, 62, 102402.	1.4	17
11	In vitro effect of artemether-loaded nanostructured lipid carrier (NLC) on <i>Leishmania infantum</i> . <i>Journal of Parasitic Diseases</i> , 2021, 45, 964-971.	0.4	4
12	A brief ICU residentsâ€™™ guide: Pharmacotherapy, pharmacokinetic aspects and dose adjustments in critically ill adult patients admitted to ICU. <i>Trends in Anaesthesia and Critical Care</i> , 2021, 41, 11-31.	0.4	6
13	Single-chain antibody-decorated Au nanocages@liposomal layer nanoprobe for targeted SERS imaging and remote-controlled photothermal therapy of melanoma cancer cells. <i>Materials Science and Engineering C</i> , 2021, 124, 112086.	3.8	10
14	Hierarchical mesoporous zinc-imidazole dicarboxylic acid MOFs: Surfactant-directed synthesis, pH-responsive degradation, and drug delivery. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120685.	2.6	15
15	A focused review on technologies, mechanisms, safety, and efficacy of available COVID-19 vaccines. <i>International Immunopharmacology</i> , 2021, 100, 108162.	1.7	65
16	Artemether-loaded nanostructured lipid carriers: preparation, characterization, and evaluation of in vitro effect on <i>Leishmania major</i> . <i>Research in Pharmaceutical Sciences</i> , 2021, 16, 623.	0.6	3
17	Comparison of celecoxib and acetaminophen for pain relief in pediatric day case tonsillectomy: A randomized double-blind study. <i>Laryngoscope Investigative Otolaryngology</i> , 2021, 6, 1307-1315.	0.6	2
18	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.	2.5	4

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19	Polymers Blending as Release Modulating Tool in Drug Delivery. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	24
20	The necessity of early anti-inflammatory therapy initiation in cases with mild-to-moderate COVID-19: A personal experience from an attending pharmacist and his resident. <i>Acta Biomedica</i> , 2021, 92, e2021250.	0.2	2
21	Drug-based therapeutic strategies for COVID-19-infected patients and their challenges. <i>Future Microbiology</i> , 2021, 16, 1415-1451.	1.0	12
22	Psychiatric Adverse Drug Reactions and Potential Anti-COVID-19 Drug Interactions with Psychotropic Medications.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 66-77.	0.3	3
23	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.	3.6	9
24	COVID-19 outbreak: Challenges in pharmacotherapy based on pharmacokinetic and pharmacodynamic aspects of drug therapy in patients with moderate to severe infection. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2020, 49, 763-773.	0.8	19
25	Hydrolytic stabilization of irinotecan active metabolite (SN38) against physiologic pH through self-assembly of conjugated poly (2-oxazoline) - poly (l-amino acid) block copolymer: A-synthesis and physicochemical characterization. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101933.	1.4	6
26	<p>Major Neurologic Adverse Drug Reactions, Potential Drug"Drug Interactions and Pharmacokinetic Aspects of Drugs Used in COVID-19 Patients with Stroke: A Narrative Review</p>. <i>Therapeutics and Clinical Risk Management</i> , 2020, Volume 16, 595-605.	0.9	47
27	<p>Recent Advances in Designing 5-Fluorouracil Delivery Systems: A Stepping Stone in the Safe Treatment of Colorectal Cancer</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5445-5458.	3.3	102
28	<p>Potential of Nanoparticles as Permeation Enhancers and Targeted Delivery Options for Skin: Advantages and Disadvantages</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 3271-3289.	2.0	145
29	<p>Core"Shell Imidazoline"Functionalized Mesoporous Silica&Amp;Superparamagnetic Hybrid Nanoparticles as a Potential Theranostic Agent for Controlled Delivery of Platinum(II) Compound</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2617-2631.	3.3	21
30	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.	1.2	25
31	Mechanistic Assessment of Functionalized Mesoporous Silica-Mediated Insulin Fibrillation. <i>Journal of Physical Chemistry B</i> , 2020, 124, 1637-1652.	1.2	10
32	Preparation and characterization of sumatriptan loaded solid lipid nanoparticles for transdermal delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101719.	1.4	14
33	Preparation and evaluation of an oral mucoadhesive gel containing nystatin-loaded alginate microparticles. <i>European Pharmaceutical Journal</i> , 2020, 67, 15-21.	0.2	2
34	New Candidate Delivery System for Alzheimer"TM's Disease: Deferoxamine Nanogels. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 7106-7119.	1.0	16
35	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.	0.6	11
36	<p>Temperature and pH-responsive nano-hydrogel drug delivery system based on lysine-modified poly (vinylcaprolactam)</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6901-6915.	3.3	54

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37	Nanoparticulate delivery of irinotecan active metabolite (SN38) in murine colorectal carcinoma through conjugation to poly (2-ethyl 2-oxazoline)-b-poly (L-glutamic acid) double hydrophilic copolymer. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 136, 104941.	1.9	28
38	Citric acid functionalized silane coupling versus post-grafting strategy for dual pH and saline responsive delivery of cisplatin by Fe ₃ O ₄ /carboxyl functionalized mesoporous SiO ₂ hybrid nanoparticles: A-synthesis, physicochemical and biological characterization. <i>Materials Science and Engineering C</i> , 2019, 104, 109922.	3.8	33
39	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.	1.1	40
40	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.	1.4	13
41	Mesoporous silica nanoparticles: Synthesis, pharmaceutical applications, biodistribution, and biosafety assessment. <i>Chemical Engineering Journal</i> , 2019, 359, 684-705.	6.6	159
42	Poly(lactic-co-glycolic acid): The most ardent and flexible candidate in biomedicine!. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 1028-1049.	1.8	20
43	A novel approach to the application of hexagonal mesoporous silica in solid-phase extraction of drugs. <i>Heliyon</i> , 2018, 4, e00930.	1.4	13
44	Smart pH responsive drug delivery system based on poly(HEMA-co-DMAEMA) nanohydrogel. <i>International Journal of Pharmaceutics</i> , 2018, 552, 301-311.	2.6	71
45	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.	0.9	24
46	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.	3.6	15
47	Piroxicam loaded solid lipid nanoparticles for topical delivery: Preparation, characterization and in vitro permeation assessment. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 427-433.	1.4	26
48	Hybrid Scaffolds of Hyaluronic Acid and Collagen Loaded with Prednisolone: an Interesting System for Osteoarthritis. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 11-19.	0.6	29
49	Enhanced Intestinal Permeation of Doxorubicin Using Chitosan Nanoparticles. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 411-417.	0.6	24
50	Solid lipid nanoparticles and nanostructured lipid carriers as novel drug delivery systems: applications, advantages and disadvantages. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 288.	0.6	455
51	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.	1.3	7
52	In vitro and in vivo assessment of EDTA-modified silica nano-spheres with supreme capacity of iron capture as a novel antidote agent. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 745-753.	1.7	28
53	Nanoparticles of Chitosan Loaded Ciprofloxacin: Fabrication and Antimicrobial Activity. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 427-432.	0.6	104
54	"Grafting-from" synthesis and characterization of poly (2-ethyl-2-oxazoline)-b-poly (benzyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (0.7	17

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55	Synthesis and Characterization of Water-soluble Conjugates of Cabazitaxel Hemiesters-Dextran. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1555-1562.	0.9	7
56	Effect of lipid composition on incorporation of trastuzumab-PEG-lipid into nanoliposomes by post-insertion method: physicochemical and cellular characterization. <i>Journal of Liposome Research</i> , 2016, 26, 1-13.	1.5	15
57	Cholesterol-conjugated supramolecular assemblies of low generations polyamidoamine dendrimers for enhanced EGFP plasmid DNA transfection. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	16
58	Trachyspermum ammi 10% topical cream versus placebo on neuropathic pain, a randomized, double-blind, placebo-controlled trial. <i>Neurological Sciences</i> , 2016, 37, 1449-1455.	0.9	7
59	Data on cell growth inhibition induced by anti-VEGF siRNA delivered by Stealth liposomes incorporating G2 PAMAM-cholesterol versus Metafectene [®] as a function of exposure time and siRNA concentration. <i>Data in Brief</i> , 2016, 8, 1018-1023.	0.5	4
60	Design and cell cytotoxicity assessment of palmitoylated polyethylene glycol-grafted chitosan as nanomicelle carrier for paclitaxel. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	17
61	Modulated cellular delivery of anti-VEGF siRNA (bevasiranib) by incorporating supramolecular assemblies of hydrophobically modified polyamidoamine dendrimer in stealth liposomes. <i>International Journal of Pharmaceutics</i> , 2016, 510, 30-41.	2.6	26
62	Effects of phosphate supplementation on <i>Pseudomonas aeruginosa</i> invasive behavior in burn wound infections: A simple approach to a big problem. <i>Burns</i> , 2016, 42, 428-433.	1.1	4
63	Hydroxyl-modified magnetite nanoparticles as novel carrier for delivery of methotrexate. <i>International Journal of Pharmaceutics</i> , 2016, 504, 110-116.	2.6	48
64	Design, preparation, and in vitro characterization of a trimodally-targeted nanomagnetic onco-theranostic system for cancer diagnosis and therapy. <i>International Journal of Pharmaceutics</i> , 2016, 500, 62-76.	2.6	35
65	Antilucer Activity after Oral Administration of the Wormwood Ethanol Extract on Lesions due to <i>Leishmania major</i> Parasites in BALB/C Mice. <i>Asian Journal of Pharmaceutical Research and Health Care</i> , 2016, 8, 33.	0.0	1
66	Formulation and in vitro evaluation of a fast-disintegrating/sustained dual release bucoadhesive bilayer tablet of captopril for treatment of hypertension crises. <i>Research in Pharmaceutical Sciences</i> , 2016, 11, 274.	0.6	13
67	Development and Assessment of a Gas Chromatographic Based Method for the Quantification of Thymol from Cream Based Formulation. <i>Current Drug Discovery Technologies</i> , 2016, 13, 77-83.	0.6	1
68	Controlled size synthesis and application of nanosphere MCM-41 as potent adsorber of drugs: A novel approach to new antidote agent for intoxication. <i>Microporous and Mesoporous Materials</i> , 2015, 213, 30-39.	2.2	33
69	Effects of Quince syrup on clinical symptoms of children with symptomatic gastroesophageal reflux disease: A double-blind randomized controlled clinical trial. <i>Complementary Therapies in Clinical Practice</i> , 2015, 21, 268-276.	0.7	20
70	A Comparison between the Nephrotoxic Profile of Gentamicin and Gentamicin Nanoparticles in Mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2015, 29, 57-62.	1.4	37
71	Conjugation of poly(amidoamine) dendrimers with various acrylates for improved delivery of plasmid encoding interleukin-12 gene. <i>Journal of Biomaterials Applications</i> , 2015, 29, 941-953.	1.2	27
72	Microencapsulation of (deoxythymidine) ₂₀ "DOTAP complexes in stealth liposomes optimized by Taguchi design. <i>Journal of Liposome Research</i> , 2015, 25, 67-77.	1.5	8

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73	PLGA micro and nanoparticles in delivery of peptides and proteins; problems and approaches. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 385-393.	1.1	105
74	Analysis of the essential oil components from different <i>Carum copticum</i> L. samples from Iran. <i>Pharmacognosy Research (discontinued)</i> , 2014, 6, 62.	0.3	29
75	Hydatid cyst formation in male Balb/c mice following the intraperitoneal injection of live protoscolec and activated oncospheres: a comparative study. <i>Journal of Parasitic Diseases</i> , 2014, 38, 77-80.	0.4	8
76	Randomized and double-blinded clinical trial of the safety and calcium kidney stone dissolving efficacy of <i>Lapis judaicus</i> . <i>Journal of Ethnopharmacology</i> , 2014, 156, 82-87.	2.0	14
77	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
78	Engraftment of plasma membrane vesicles into liposomes: A new method for designing of liposome-based vaccines. <i>Iranian Journal of Basic Medical Sciences</i> , 2014, 17, 772-8.	1.0	1
79	Comparison of the effectiveness of polyethylenimine, polyamidoamine and chitosan in transferring plasmid encoding interleukin-12 gene into hepatocytes. <i>Macromolecular Research</i> , 2013, 21, 1322-1330.	1.0	33
80	In vivo evaluation of the efficacy of albendazole sulfoxide and albendazole sulfoxide loaded solid lipid nanoparticles against hydatid cyst. <i>Experimental Parasitology</i> , 2013, 135, 314-319.	0.5	51
81	Preparation, optimization, and in-vitro/in-vivo/ex-vivo characterization of chitosan-heparin nanoparticles: drug-induced gelation. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1118-1133.	1.2	25
82	Elemental analysis, physicochemical characterization and lithontriptic properties of <i>Lapis judaicus</i> . <i>Pharmacognosy Journal</i> , 2013, 5, 94-96.	0.3	2
83	Healing acceleration in hamsters of oral mucositis induced by 5-fluorouracil with topical <i>Calendula officinalis</i> . <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013, 115, 332-338.	0.2	45
84	Nanostructure l-asparaginase-fatty acid bioconjugate: Synthesis, preformulation study and biological assessment. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 180-187.	3.6	32
85	A novel method to produce solid lipid nanoparticles using n-butanol as an additional co-surfactant according to the o/w microemulsion quenching technique. <i>Chemistry and Physics of Lipids</i> , 2013, 174, 32-38.	1.5	29
86	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.	0.7	5
87	Nanovaccine for leishmaniasis: preparation of chitosan nanoparticles containing <i>Leishmania</i> superoxide dismutase and evaluation of its immunogenicity in BALB/c mice. <i>International Journal of Nanomedicine</i> , 2011, 6, 835.	3.3	68
88	Preparation and in-vitro characterization of tramadol-loaded carrier erythrocytes for long-term intravenous delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 322-332.	1.2	14
89	Co-encapsulation of a Drug with a Protein in Erythrocytes for Improved Drug Loading and Release: Phenytoin and Bovine Serum Albumin (BSA). <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2011, 14, 46.	0.9	20
90	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.	1.6	41

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91	Effect of combination therapy of hydroxyurea with L-carnitine and magnesium chloride on hematologic parameters and cardiac function of patients with β^0 -thalassemia intermedia. <i>European Journal of Haematology</i> , 2010, 84, 52-58.	1.1	22
92	Effect of oral cromolyn sodium on CKD-associated pruritus and serum tryptase level: a double-blind placebo-controlled study. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 1541-1547.	0.4	42
93	The effects of some permeability enhancers on the percutaneous absorption of lidocaine. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2010, 23, 83-8.	0.2	9
94	Healing Effect of Lamotrigine on Repair of Damaged Sciatic Nerve in Rabbit. <i>Journal of Applied Animal Research</i> , 2009, 36, 243-249.	0.4	1
95	Preparation and Validation of Carrier Human Erythrocytes Loaded by Bovine Serum Albumin as a Model Antigen/Protein. <i>Drug Delivery</i> , 2007, 14, 295-300.	2.5	23
96	Preparation and in vitro characterization of carrier erythrocytes for vaccine delivery. <i>International Journal of Pharmaceutics</i> , 2007, 338, 70-78.	2.6	52
97	Preparation and in vitro evaluation of carrier erythrocytes for RES-targeted delivery of interferon-alpha 2b. <i>International Journal of Pharmaceutics</i> , 2007, 341, 125-133.	2.6	39
98	Effect of intraurethral captopril gel on the recurrence of urethral stricture after direct vision internal urethrotomy: Phase II clinical trial. <i>International Journal of Urology</i> , 2007, 14, 203-208.	0.5	41
99	Applications of carrier erythrocytes in delivery of biopharmaceuticals. <i>Journal of Controlled Release</i> , 2007, 118, 145-160.	4.8	153
100	A simple and rapid HPLC method for quantitation of interferon- β 2b in dosage forms and delivery systems. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 833, 199-203.	1.2	8
101	Formulation and in vitro evaluation of prednisolone buccoadhesive tablets. <i>Il Farmaco</i> , 2005, 60, 339-344.	0.9	30
102	Antihirsutism activity of Fennel (fruits of <i>Foeniculum vulgare</i>) extract – A double-blind placebo controlled study. <i>Phytomedicine</i> , 2003, 10, 455-458.	2.3	55
103	The effect of polymer blends on release profiles of diclofenac sodium from matrices. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 55, 351-355.	2.0	69
104	An Approach to Controlled-Release Dosage Form of Propranolol Hydrochloride. <i>Drug Development and Industrial Pharmacy</i> , 2000, 26, 91-94.	0.9	14
105	Effect of Polysorbates on Atenolol Release from Film-Coated Tablets. <i>Drug Development and Industrial Pharmacy</i> , 1999, 25, 513-516.	0.9	2