Hamidreza Kheiri Manjili

List of Publications by Year
in descending order

50 papers	2,302 citations	159585 30 h-index	214800 47 g-index
53 all docs	53 docs citations	53 times ranked	2868 citing authors

#	Article	IF	Citations
1	Bovine Serum Albumin (BSA) coated iron oxide magnetic nanoparticles as biocompatible carriers for curcumin-anticancer drug. Bioorganic Chemistry, 2018, 76, 501-509.	4.1	217
2	Production of biological nanoparticles from bovine serum albumin as controlled release carrier for curcumin delivery. International Journal of Biological Macromolecules, 2018, 115, 83-89.	7.5	134
3	Mesoporous titanium dioxide@ zinc oxideâ€“graphene oxide nanocarriers for colon-specific drug delivery. Journal of Materials Science, 2018, 53, 1634-1645.	3.7	105
4	Curcumin-loaded guanidine functionalized PEGylated I3ad mesoporous silica nanoparticles KIT-6: Practical strategy for the breast cancer therapy. European Journal of Medicinal Chemistry, 2014, 83, 646-654.	5.5	96
5	Evaluation of UiOâ€66 metal organic framework as an effective sorbent for Curcumin's overdose. Applied Organometallic Chemistry, 2018, 32, e4221.	3.5	93
6	Preparation of magnetic albumin nanoparticles via a simple and one-pot desolvation and co-precipitation method for medical and pharmaceutical applications. International Journal of Biological Macromolecules, 2018, 108, 909-915.	7.5	89
7	Sulforaphane delivery using mPEGâ€“PCL co-polymer nanoparticles to breast cancer cells. Pharmaceutical Development and Technology, 2017, 22, 642-651.	2.4	88
8	Methotrexate-conjugated L-lysine coated iron oxide magnetic nanoparticles for inhibition of MCF-7 breast cancer cells. Drug Development and Industrial Pharmacy, 2018, 44, 886-894.	2.0	87
9	Pharmacokinetics and in vivo delivery of curcumin by copolymeric mPEG-PCL micelles. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 116, 17-30.	4.3	78
10	Green and oneâ€pot surface coating of iron oxide magnetic nanoparticles with natural amino acids and biocompatibility investigation. Applied Organometallic Chemistry, 2018, 32, e4069.	3.5	68
11	New advances strategies for surface functionalization of iron oxide magnetic nano particles (IONPs). Research on Chemical Intermediates, 2017, 43, 7423-7442.	2.7	67
12	In vitro and in vivo delivery of artemisinin loaded PCLâ€“PEGâ€“PCL micelles and its pharmacokinetic study. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 926-936.	2.8	66
13	New Insight about Biocompatibility and Biodegradability of Iron Oxide Magnetic Nanoparticles: Stereological and In Vivo MRI Monitor. Scientific Reports, 2019, 9, 7173.	3.3	65
14	Enzymatic stimuliâ€responsive methotrexateâ€conjugated magnetic nanoparticles for target delivery to breast cancer cells and release study in lysosomal condition. Journal of Biomedical Materials Research - Part A, 2018, 106, 1646-1654.	4.0	63
15	Anticancer Activity of Tamoxifen Loaded Tyrosine Decorated Biocompatible Fe3O4 Magnetic Nanoparticles Against Breast Cancer Cell Lines. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 1178-1186.	3.7	56
16	Methotrexate anticancer drug delivery to breast cancer cell lines by iron oxide magnetic based nanocarrier. Journal of Biomedical Materials Research - Part A, 2019, 107, 2492-2500.	4.0	53
17	In vitro and in vivo biocompatibility study of folate-lysine-PEG-PCL as nanocarrier for targeted breast cancer drug delivery. European Polymer Journal, 2018, 103, 260-270.	5.4	52
18	Sono-chemical synthesis and characterization of Fe3O4@mTiO2-GO nanocarriers for dual-targeted colon drug delivery. Research on Chemical Intermediates, 2018, 44, 1889-1904.	2.7	52

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19	Poly(caprolactone)â€“poly(ethylene glycol)â€“poly(caprolactone) (PCLâ€“PEGâ€“PCL) nanoparticles: a valuable and efficient system for in vitro and in vivo delivery of curcumin. RSC Advances, 2016, 6, 14403-14415.	3.6	51
20	Glutathione (GSH) Peptide Conjugated Magnetic Nanoparticles As Bloodâ€“Brain Barrier Shuttle for MRI-Monitored Brain Delivery of Paclitaxel. ACS Biomaterials Science and Engineering, 2019, 5, 1677-1685.	5.2	51
21	Biotin-functionalized copolymeric PEG-PCL micelles for in vivo tumour-targeted delivery of artemisinin. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 104-114.	2.8	49
22	Preparation and Characterization of PEGylated Iron Oxide-Gold Nanoparticles for Delivery of Sulforaphane and Curcumin. Drug Research, 2017, 67, 698-704.	1.7	43
23	Methotrexate-conjugated mPEGâ€“PCL copolymers: a novel approach for dual triggered drug delivery. New Journal of Chemistry, 2018, 42, 5937-5945.	2.8	43
24	Facile Synthesis and Characterization of L-Aspartic Acid Coated Iron Oxide Magnetic Nanoparticles (IONPs) For Biomedical Applications. Drug Research, 2018, 68, 280-285.	1.7	43
25	Preparation and Characterization of Copolymeric Polymersomes for Protein Delivery. Drug Research, 2017, 67, 458-465.	1.7	42
26	Pharmacokinetics and in vitro and in vivo delivery of sulforaphane by PCLâ€“PEGâ€“PCL copolymeric-based micelles. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1728-1739.	2.8	41
27	Synthesis, characterization, and kinetic release study of methotrexate loaded mPEGâ€“PCL polymersomes for inhibition of MCF-7 breast cancer cell line. Pharmaceutical Development and Technology, 2019, 24, 89-98.	2.4	40
28	D, L-Sulforaphane Loaded Fe3O4@ Gold Core Shell Nanoparticles: A Potential Sulforaphane Delivery System. PLoS ONE, 2016, 11, e0151344.	2.5	39
29	In vivo and in vitro biocompatibility study of novel microemulsion hybridized with bovine serum albumin as nanocarrier for drug delivery. Heliyon, 2019, 5, e01858.	3.2	38
30	Study of Copolymer Composition on Drug Loading Efficiency of Enalapril in Polymersomes and Cytotoxicity of Drug Loaded Nanoparticles. Drug Research, 2016, 66, 495-504.	1.7	34
31	Preparation and in vivo evaluation of anti-plasmodial properties of artemisinin-loaded PCLâ€“PEGâ€“PCL nanoparticles. Pharmaceutical Development and Technology, 2018, 23, 911-920.	2.4	32
32	Anti-leishmanial and toxicity activities of some selected Iranian medicinal plants. Parasitology Research, 2012, 111, 2115-2121.	1.6	30
33	Preparation, characterization and in vitro anticancer activity of paclitaxel conjugated magnetic nanoparticles. Drug Development and Industrial Pharmacy, 2018, 44, 1895-1903.	2.0	27
34	Biocompatibility and anticancer activity of L-phenyl alanine-coated iron oxide magnetic nanoparticles as potential chrysin delivery system. Journal of Materials Research, 2018, 33, 1602-1611.	2.6	26
35	Co -delivery of Sulforaphane and Curcumin with PEGylated Iron Oxide-Gold Core Shell Nanoparticles for Delivery to Breast Cancer Cell Line. Iranian Journal of Pharmaceutical Research, 2018, 17, 480-494.	0.5	15
36	Theranostic nanoparticles based on magnetic nanoparticles: design, preparation, characterization, and evaluation as novel anticancer drug carrier and MRI contrast agent. Drug Development and Industrial Pharmacy, 2018, 44, 1668-1678.	2.0	14

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37	Bovine serum albumin stabilized iron oxide and gold bimetallic heterodimers: Synthesis, characterization and Stereological study. Applied Organometallic Chemistry, 2019, 33, e5155.	3.5	13
38	Phenyl alanine & Tyrosine Amino acids Coated Magnetic Nanoparticles: Preparation and Toxicity study. Drug Research, 2019, 69, 277-283.	1.7	13
39	Co-delivery of siRNA and lycopene encapsulated hybrid lipid nanoparticles for dual silencing of insulin-like growth factor 1 receptor in MCF-7 breast cancer cell line. International Journal of Biological Macromolecules, 2022, 200, 335-349.	7.5	13
40	Synergistic effect of co-immobilized FGF-2 and vitronectin-derived peptide on feeder-free expansion of induced pluripotent stem cells. Materials Science and Engineering C, 2018, 93, 157-169.	7.3	12
41	Toxicological assessment of 3â€monochloropropaneâ€1,2â€diol (3â€MCPD) as a main contaminant of foodstuff in three different in vitro models: Involvement of oxidative stress and cell death signaling pathway. Journal of Food Science, 2020, 85, 4061-4069.	3.1	12
42	The association between MMP2 â^'1306 CÂ>ÂT (rs243865) polymorphism and risk of prostate cancer. Irish Journal of Medical Science, 2017, 186, 103-111.	1.5	11
43	Preparation and characterization of magnetic theranostic nanoparticles for curcumin delivery and evaluation as MRI contrast agent. Applied Organometallic Chemistry, 2018, 32, e4588.	3.5	9
44	Preparation and Evaluation of pH Sensitive Novel Anticancer Drug Carrier Based on Magnetic Chitosan Quartets. Drug Research, 2019, 69, 496-504.	1.7	6
45	Development of a High-Resolution Melting Analysis Method for CYP2C19*17 Genotyping in Healthy Volunteers. Avicenna Journal of Medical Biotechnology, 2016, 8, 193-199.	0.3	6
46	Synthesis of methoxy poly(ethylene glycol)-poly(Îµ-caprolactone) diblock copolymers hybridized with DDAB cationic lipid as the efficient nanocarriers for in vitro delivery of lycopene into MCF-7 breast cancer cells. Journal of Drug Delivery Science and Technology, 2021, 66, 102806.	3.0	5
47	Mitigated Oxidative Stress and Cognitive Impairments in Transient Global Ischemia using Niosomal Selegiline-NBP delivery. Behavioural Neurology, 2022, 2022, 1-21.	2.1	4
48	The efficacy and neuroprotective effects of edaravone-loaded mPEG-b-PLGA polymeric nanoparticles on human neuroblastoma SH-SY5Y cell line as in vitro model of ischemia. Journal of Drug Delivery Science and Technology, 2022, 73, 103378.	3.0	4
49	Cytotoxic Activity and Kinetic Release Study of Lovastatin-Loaded Ph-Sensitive Polymersomes. Pharmaceutical Chemistry Journal, 2018, 52, 721-729.	0.8	2
50	Monodisperse Rattle-Structured Gold Nanorod-Mesoporous Silica Nanoparticles Coreâ€“Shell as Sulforaphane Carrier and its Sustained-Release Property. Drug Research, 2018, 68, 504-513.	1.7	1