

Kobra Rostamizadeh

List of Publications by Year in descending order

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74
papers

2,233
citations

186209

28
h-index

243529

44
g-index

79
all docs

79
docs citations

79
times ranked

3426
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous titanium dioxide@ zinc oxide-graphene oxide nanocarriers for colon-specific drug delivery. <i>Journal of Materials Science</i> , 2018, 53, 1634-1645.	1.7	105
2	The impact of polymer coatings on magnetite nanoparticles performance as MRI contrast agents: a comparative study. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 45.	0.9	94
3	Doxorubicin-conjugated core-shell magnetite nanoparticles as dual-targeting carriers for anticancer drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 406-413.	2.5	92
4	Magnetic nanoparticles decorated with PEGylated curcumin as dual targeted drug delivery: Synthesis, toxicity and biocompatibility study. <i>Materials Science and Engineering C</i> , 2019, 104, 109810.	3.8	91
5	Preparation of biodegradable nanoparticles of tri-block PLA-PEG-PLA copolymer and determination of factors controlling the particle size using artificial neural network. <i>Journal of Microencapsulation</i> , 2011, 28, 406-416.	1.2	73
6	Synthesis and characterization of dextran coated magnetite nanoparticles for diagnostics and therapy. <i>BiolImpacts</i> , 2015, 5, 141-150.	0.7	70
7	Drug-conjugated PLA-PEG-PLA copolymers: a novel approach for controlled delivery of hydrophilic drugs by micelle formation. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 947-957.	1.1	70
8	Optimization and characterization of ultrasound assisted preparation of curcumin-loaded solid lipid nanoparticles: Application of central composite design, thermal analysis and X-ray diffraction techniques. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 271-280.	3.8	67
9	Polymeric Co-Delivery Systems in Cancer Treatment: An Overview on Component Drugs's Dosage Ratio Effect. <i>Molecules</i> , 2019, 24, 1035.	1.7	66
10	Biodegradable m-PEG/PCL Core-Shell Micelles: Preparation and Characterization as a Sustained Release Formulation for Curcumin. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 501-10.	0.6	66
11	Synthesis, characterization and evaluation of computationally designed nanoparticles of molecular imprinted polymers as drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2012, 424, 67-75.	2.6	65
12	Copolymers: Efficient Carriers for Intelligent Nanoparticulate Drug Targeting and Gene Therapy. <i>Macromolecular Bioscience</i> , 2012, 12, 144-164.	2.1	57
13	PLA-PEG-PLA copolymer-based polymersomes as nanocarriers for delivery of hydrophilic and hydrophobic drugs: preparation and evaluation with atorvastatin and lisinopril. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 1411-1420.	0.9	57
14	In vitro and in vivo biocompatibility study of folate-lysine-PEG-PCL as nanocarrier for targeted breast cancer drug delivery. <i>European Polymer Journal</i> , 2018, 103, 260-270.	2.6	52
15	Curcumin loaded nanostructured lipid carriers: In vitro digestion and release studies. <i>Polyhedron</i> , 2019, 164, 113-122.	1.0	47
16	Enhanced cytotoxic activity of curcumin on cancer cell lines by incorporating into gold/chitosan nanogels. <i>Materials Chemistry and Physics</i> , 2019, 226, 151-157.	2.0	46
17	Methotrexate-conjugated mPEG-PCL copolymers: a novel approach for dual triggered drug delivery. <i>New Journal of Chemistry</i> , 2018, 42, 5937-5945.	1.4	43
18	Preparation and characterization of tri-block poly(lactide)-poly(ethylene glycol)-poly(lactide) nanogels for controlled release of naltrexone. <i>International Journal of Pharmaceutics</i> , 2011, 416, 356-364.	2.6	42

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19	Synthesis, characterization, and kinetic release study of methotrexate loaded mPEG-PCL polymersomes for inhibition of MCF-7 breast cancer cell line. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 89-98.	1.1	40
20	Neuropharmacokinetic evaluation of lactoferrin-treated indinavir-loaded nanoemulsions: remarkable brain delivery enhancement. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 736-744.	0.9	39
21	Co-delivery of hydrophilic and hydrophobic drugs by micelles: a new approach using drug conjugated PEG-PCL Nanoparticles. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1908-1918.	0.9	38
22	Preparation and characterization of nanostructured lipid carriers as drug delivery system: Influence of liquid lipid types on loading and cytotoxicity. <i>Chemistry and Physics of Lipids</i> , 2018, 216, 65-72.	1.5	38
23	Preparation and characterization of PEGylated multiwall carbon nanotubes as covalently conjugated and non-covalent drug carrier: A comparative study. <i>Materials Science and Engineering C</i> , 2017, 74, 1-9.	3.8	37
24	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
25	Curcumin mediated down-regulation of β -tubulin and up-regulation of pyruvate dehydrogenase kinase 4 (PDK4) in Erlotinib resistant SW480 colon cancer cells. <i>Phytotherapy Research</i> , 2018, 32, 355-364.	2.8	33
26	Magnetic brain targeting of naproxen-loaded polymeric micelles: pharmacokinetics and biodistribution study. <i>Materials Science and Engineering C</i> , 2019, 100, 771-780.	3.8	33
27	Naproxen conjugated mPEG-PCL micelles for dual triggered drug delivery. <i>Materials Science and Engineering C</i> , 2016, 61, 665-673.	3.8	32
28	Amphiphilic Y shaped miktoarm star copolymer for anticancer hydrophobic and hydrophilic drugs codelivery: Synthesis, characterization, <i>in vitro</i> , and <i>in vivo</i> biocompatibility study. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2817-2826.	2.1	32
29	In vivo Antiplasmodial Activity of Curcumin-Loaded Nanostructured Lipid Carriers. <i>Current Drug Delivery</i> , 2019, 16, 923-930.	0.8	27
30	pH-Triggered Magnetic-Chitosan Nanogels (MCNs) For Doxorubicin Delivery: Physically vs. Chemically Cross Linking Approach. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 115-20.	0.6	27
31	Analysis of transient response of single quartz crystal nanobalance for determination of volatile organic compounds. <i>Sensors and Actuators B: Chemical</i> , 2007, 121, 365-371.	4.0	26
32	Novel lipid-polymer hybrid nanoparticles for siRNA delivery and IGF-1R gene silencing in breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 96-105.	1.4	26
33	Magnetic nanogels as dual triggered anticancer drug delivery: Toxicity evaluation on isolated rat liver mitochondria. <i>Toxicology Letters</i> , 2017, 278, 18-29.	0.4	25
34	Epigallocatechin gallate loaded electrospun silk fibroin scaffold with anti-angiogenic properties for corneal tissue engineering. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101498.	1.4	25
35	Preparation, Optimization, and Evaluation of Methoxy Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (glycol)- <i>in vitro</i> Chemical Neuroscience, 2020, 11, 783-795.	1.7	25
36	The Use of ANN and the Mathematical Model for Prediction of the Main Product Yields in the Thermal Cracking of Naphtha. <i>Petroleum Science and Technology</i> , 2007, 25, 967-982.	0.7	24

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37	The role of miktoarm star copolymers in drug delivery systems. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 559-571.	1.2	24
38	Vesicle-like structure of lipid-based nanoparticles as drug delivery system revealed by molecular dynamics simulations. <i>International Journal of Pharmaceutics</i> , 2019, 559, 173-181.	2.6	24
39	Poly(lactide)/poly(ethylene glycol)/poly(lactide) triblock copolymer micelles as carrier for delivery of hydrophilic and hydrophobic drugs: a comparison study. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 381-391.	2.7	23
40	Eco-friendly curcumin-loaded nanostructured lipid carrier as an efficient antibacterial for hospital wastewater treatment. <i>Environmental Technology and Innovation</i> , 2020, 18, 100703.	3.0	23
41	Quartz Crystal Nanobalance in Conjunction with Principal Component Analysis for Identification of Volatile Organic Compounds. <i>Sensors</i> , 2006, 6, 324-334.	2.1	21
42	Efficiency of flubendazole-loaded mPEG-PCL nanoparticles: A promising formulation against the protozoa and cysts of <i>Echinococcus granulosus</i> . <i>Acta Tropica</i> , 2018, 187, 190-200.	0.9	20
43	Preparation and characterization of nanocomposites based on different zeolite frameworks as carriers for anticancer drug: zeolite Y versus ZSM-5. <i>Polymer Bulletin</i> , 2019, 76, 2233-2252.	1.7	20
44	Surface modification of neurotrophin-3 loaded PCL/chitosan nanofiber/net by alginate hydrogel microlayer for enhanced biocompatibility in neural tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2237-2254.	2.1	20
45	In vivo study of poly(ethylene glycol)-poly(caprolactone)-modified folic acid nanocarriers as a pH responsive system for tumor-targeted co-delivery of tamoxifen and quercetin. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101283.	1.4	19
46	Effect of corn starch coating incorporated with nanoemulsion of <i>Zataria multiflora</i> essential oil fortified with cinnamaldehyde on microbial quality of fresh chicken meat and fate of inoculated <i>Listeria monocytogenes</i> . <i>Journal of Food Science and Technology</i> , 2021, 58, 2677-2687.	1.4	19
47	A hybrid modeling approach for optimization of PMAA-chitosan-PEG nanoparticles for oral insulin delivery. <i>RSC Advances</i> , 2015, 5, 69152-69160.	1.7	18
48	Synthesis, optimization, and characterization of molecularly imprinted nanoparticles. <i>International Nano Letters</i> , 2013, 3, 1.	2.3	17
49	Covalently modified magnetite nanoparticles with PEG: preparation and characterization as nano-adsorbent for removal of lead from wastewater. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 103.	1.4	17
50	Preparation and characterization of curcumin loaded gold/graphene oxide nanocomposite for potential breast cancer therapy. <i>Research on Chemical Intermediates</i> , 2018, 44, 7891-7904.	1.3	17
51	Enhancement of the brain delivery of methotrexate with administration of mid-chain ester prodrugs: In vitro and in vivo studies. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120479.	2.6	17
52	The effect of baicalein-loaded Y-shaped miktoarm copolymer on spatial memory and hippocampal expression of DHCR24, SELADIN and SIRT6 genes in rat model of Alzheimer. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119546.	2.6	16
53	Investigation of therapeutic effect of curcumin β and γ glucoside anomers against Alzheimer's disease by the nose to brain drug delivery. <i>Brain Research</i> , 2021, 1766, 147517.	1.1	15
54	DDAB cationic lipid-mPEG, PCL copolymer hybrid nano-carrier synthesis and application for delivery of siRNA targeting IGF-1R into breast cancer cells. <i>Clinical and Translational Oncology</i> , 2021, 23, 1167-1178.	1.2	13

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55	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. <i>International Journal of Biological Macromolecules</i> , 2022, 200, 335-349.	3.6	13
56	Net analyte signal-based simultaneous determination of ethanol and water by quartz crystal nanobalance sensor. <i>Analytica Chimica Acta</i> , 2007, 585, 179-184.	2.6	11
57	Magnetic nanostructured lipid carrier for dual triggered curcumin delivery: Preparation, characterization and toxicity evaluation on isolated rat liver mitochondria. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1055-1063.	1.2	10
58	Targeted drug delivery via folate decorated nanocarriers based on linear polymer for treatment of breast cancer. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 19-24.	1.1	10
59	Functionalized carbon nanotube/ionic liquid-coated wire as a new fiber assembly for determination of methamphetamine and ephedrine by gas chromatography-mass spectrometry. <i>Analytical Methods</i> , 2014, 6, 8645-8653.	1.3	9
60	Synthesis and Investigation of the Curcumin-Loaded Magnetic Lipid Nanoparticles and Their Cytotoxicity Assessment on Human Breast Carcinoma Cell Line. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2020, 15, .	0.3	9
61	Synthesis and Antimycobacterial Activity of Novel Thiadiazolylhydrazones of Substituted Indole-carboxaldehydes. <i>Chemical Biology and Drug Design</i> , 2014, 83, 224-236.	1.5	7
62	Therapeutic Anti-Inflammatory Potential of Different Formulations Based on Coenzyme Q10-Loaded Nanostructured Lipid Carrier: In Vitro, Ex Vivo, and In Vivo Evaluations. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1800232.	1.0	7
63	Improving the Antibacterial Activity of Curcumin Loaded Nanoparticles in Wastewater Treatment by Enhancing Permeability and Sustained Release. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2658-2668.	2.4	7
64	Oxidative Desulfurization of Fuel Oil: Modeling Based on Artificial Neural Network. <i>Petroleum Science and Technology</i> , 2008, 26, 382-397.	0.7	6
65	Monoclonal antibody 2C5 specifically targets neutrophil extracellular traps. <i>MAbs</i> , 2020, 12, 1850394.	2.6	6
66	Synthesis of methoxy poly(ethylene glycol)-poly(μ -caprolactone) diblock copolymers hybridized with DDAB cationic lipid as the efficient nanocarriers for in vitro delivery of lycopene into MCF-7 breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102806.	1.4	5
67	Synthesis of magnetite multi-walled carbon nanotubes composite and its application for removal of basic dyes from aqueous solutions. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2014, 9, 552-561.	0.8	4
68	Polymeric nanomicelles as versatile tool for multidrug delivery in chemotherapy. , 2020, , 45-72.		3
69	In vitro evaluation of albendazole-loaded nanostructured lipid carriers on <i>Echinococcus granulosus</i> microcysts and their prophylactic efficacy on experimental secondary hydatidosis. <i>Parasitology Research</i> , 2021, 120, 4049-4060.	0.6	3
70	Apoptosis induction by siRNA targeting integrin- β 1 and regorafenib/DDAB-mPEG-PCL hybrid nanoparticles in regorafenib-resistant colon cancer cells. <i>American Journal of Cancer Research</i> , 2021, 11, 1170-1184.	1.4	1
71	The Comparison of Antimicrobial Effect of <i>Nigella sativa</i> Nanoparticle and Chlorhexidine Emulsion on the Most Common Dental Cariogenic Bacteria. <i>Medical Journal of the Islamic Republic of Iran</i> , 2021, 35, 149.	0.9	1
72	Hydrogel Nanoparticles: Drug Delivery. , 0, , 3796-3807.		0

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73	Safranin and cysteine capped gold nanoparticles: spectroscopic qualitative and quantitative studies. RSC Advances, 2015, 5, 11077-11083.	1.7	0
74	Copolymers: Drug Delivery. , 0, , 2192-2202.		0