

# Kobra Rostamizadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | 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        |
| 2  | 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         |
| 3  | 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        |
| 4  | 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        |
| 5  | Effect of corn starch coating incorporated with nanoemulsion of Zataria multiflora 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        |
| 6  | 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        |
| 7  | 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        |
| 8  | 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        |
| 9  | Investigation of therapeutic effect of curcumin $\alpha$ and $\beta$ glucoside anomers against Alzheimer's disease by the nose to brain drug delivery. <i>Brain Research</i> , 2021, 1766, 147517.   | 1.1 | 15        |
| 10 | Synthesis of methoxy poly(ethylene glycol)-poly( $\epsilon$ -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         |
| 11 | Apoptosis induction by siRNA targeting integrin $\alpha$ 21 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         |
| 12 | 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         |
| 13 | The Comparison of Antimicrobial Effect of Nigella sativa 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         |
| 14 | 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        |
| 15 | 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        |
| 16 | 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        |
| 17 | Preparation, Optimization, and Evaluation of Methoxy Poly(ethylene Glycol)- <i>Chemical Neuroscience</i> , 2020, 11, 783-795.  | 1.7 | 25        |
| 18 | Polymeric nanomicelles as versatile tool for multidrug delivery in chemotherapy. , 2020, , 45-72.  |     | 3         |

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|----|--|-----|-----------|
| 19 | 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         |
| 20 | Monoclonal antibody 2C5 specifically targets neutrophil extracellular traps. <i>MAbs</i> , 2020, 12, 1850394.  | 2.6 | 6         |
| 21 | InÂvivo 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        |
| 22 | 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        |
| 23 | 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        |
| 24 | Polymeric Co-Delivery Systems in Cancer Treatment: An Overview on Component Drugsâ€™ Dosage Ratio Effect. <i>Molecules</i> , 2019, 24, 1035.   | 1.7 | 66        |
| 25 | 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        |
| 26 | Curcumin loaded nanostructured lipid carriers: In vitro digestion and release studies. <i>Polyhedron</i> , 2019, 164, 113-122.   | 1.0 | 47        |
| 27 | 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        |
| 28 | 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        |
| 29 | 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        |
| 30 | Synthesis, characterization, and kinetic release study of methotrexate loaded mPEGâ€PCL polymersomes for inhibition of MCF-7 breast cancer cell line. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 89-98.                                    | 1.1 | 40        |
| 31 | In vivo Antiplasmodial Activity of Curcumin-Loaded Nanostructured Lipid Carriers. <i>Current Drug Delivery</i> , 2019, 16, 923-930.  | 0.8 | 27        |
| 32 | 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        |
| 33 | Methotrexate-conjugated mPEGâ€PCL copolymers: a novel approach for dual triggered drug delivery. <i>New Journal of Chemistry</i> , 2018, 42, 5937-5945.  | 1.4 | 43        |
| 34 | 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        |
| 35 | Mesoporous titanium dioxide@ zinc oxideâ€graphene oxide nanocarriers for colon-specific drug delivery. <i>Journal of Materials Science</i> , 2018, 53, 1634-1645.  | 1.7 | 105       |
| 36 | Curcumin mediated downâ€regulation of $\beta$ 3 integrin and upâ€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        |

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|----|--|-----|-----------|
| 37 | 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        |
| 38 | 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        |
| 39 | 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        |
| 40 | Efficiency of flubendazole-loaded mPEG-PCL nanoparticles: A promising formulation against the protoscolecocytes and cysts of <i>Echinococcus granulosus</i> . <i>Acta Tropica</i> , 2018, 187, 190-200.  | 0.9 | 20        |
| 41 | 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         |
| 42 | 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        |
| 43 | 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        |
| 44 | 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        |
| 45 | 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        |
| 46 | 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        |
| 47 | 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        |
| 48 | 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        |
| 49 | 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        |
| 50 | Naproxen conjugated mPEG-PCL micelles for dual triggered drug delivery. <i>Materials Science and Engineering C</i> , 2016, 61, 665-673.  | 3.8 | 32        |
| 51 | Synthesis and characterization of dextran coated magnetite nanoparticles for diagnostics and therapy. <i>BiolImpacts</i> , 2015, 5, 141-150.   | 0.7 | 70        |
| 52 | Safranin and cysteine capped gold nanoparticles: spectroscopic qualitative and quantitative studies. <i>RSC Advances</i> , 2015, 5, 11077-11083.   | 1.7 | 0         |
| 53 | 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        |
| 54 | 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        |

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|----|---|-----|-----------|
| 55 | 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        |
| 56 | Covalently modified magnetite nanoparticles with PEG: preparation and characterization as nano-adsorbent for removal of lead from wastewater. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 103.                 | 1.4 | 17        |
| 57 | 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        |
| 58 | Synthesis and Antimycobacterial Activity of Novel Thiadiazolylhydrazones of 1-Substituted Indole-3-carboxaldehydes. <i>Chemical Biology and Drug Design</i> , 2014, 83, 224-236.  | 1.5 | 7         |
| 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 | 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        |
| 61 | 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         |
| 62 | 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        |
| 63 | Synthesis, optimization, and characterization of molecularly imprinted nanoparticles. <i>International Nano Letters</i> , 2013, 3, 1.   | 2.3 | 17        |
| 64 | 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        |
| 65 | Copolymers: Efficient Carriers for Intelligent Nanoparticulate Drug Targeting and Gene Therapy. <i>Macromolecular Bioscience</i> , 2012, 12, 144-164.   | 2.1 | 57        |
| 66 | 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        |
| 67 | 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        |
| 68 | Oxidative Desulfurization of Fuel Oil: Modeling Based on Artificial Neural Network. <i>Petroleum Science and Technology</i> , 2008, 26, 382-397.  | 0.7 | 6         |
| 69 | 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        |
| 70 | 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        |
| 71 | 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        |
| 72 | 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        |

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|----|--|----|-----------|
| 73 | Hydrogel Nanoparticles: Drug Delivery. , 0, , 3796-3807. |    | 0         |
| 74 | Copolymers: Drug Delivery. , 0, , 2192-2202.             |    | 0         |