

# Farzaneh Lotfipour

## List of Publications by Year in descending order

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85  
papers

3,444  
citations

236612

25  
h-index

143772

57  
g-index

86  
all docs

86  
docs citations

86  
times ranked

5818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial activity of the metals and metal oxide nanoparticles. <i>Materials Science and Engineering C</i> , 2014, 44, 278-284.	3.8	1,231
2	Natural antimicrobial peptides from bacteria: characteristics and potential applications to fight against antibiotic resistance. <i>Journal of Applied Microbiology</i> , 2012, 113, 723-736.	1.4	304
3	Calcium carbonate nanoparticles as cancer drug delivery system. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1649-1660.	2.4	216
4	Development of azithromycin-PLGA nanoparticles: Physicochemical characterization and antibacterial effect against <i>Salmonella typhi</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 80, 34-39.	2.5	123
5	Nanoparticles for antimicrobial purposes in Endodontics: A systematic review of in vitro studies. <i>Materials Science and Engineering C</i> , 2016, 58, 1269-1278.	3.8	118
6	Physicochemical and anti-bacterial performance characterization of clarithromycin nanoparticles as colloidal drug delivery system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 39-44.	2.5	104
7	An update on calcium carbonate nanoparticles as cancer drug/gene delivery system. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 331-345.	2.4	85
8	Gelatin-based delivery systems for cancer gene therapy. <i>Journal of Drug Targeting</i> , 2009, 17, 731-738.	2.1	64
9	Ciprofloxacin HCl-loaded calcium carbonate nanoparticles: preparation, solid state characterization, and evaluation of antimicrobial effect against <i>Staphylococcus aureus</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 535-543.	1.9	59
10	Osteogenic Differentiation of Mesenchymal Stem Cells via Curcumin-Containing Nanoscaffolds. <i>Stem Cells International</i> , 2021, 2021, 1-9.	1.2	48
11	Preparation and Characterization of Alginate and Psyllium Beads Containing <i>Lactobacillus acidophilus</i> . <i>Scientific World Journal</i> , The, 2012, 2012, 1-8.	0.8	47
12	An Overview on Novel Microbial Determination Methods in Pharmaceutical and Food Quality Control. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 301-308.	0.6	46
13	Gene therapy, early promises, subsequent problems, and recent breakthroughs. <i>Advanced Pharmaceutical Bulletin</i> , 2013, 3, 249-55.	0.6	44
14	Reactions of copper(II), nickel(II), and zinc(II) acetates with a new water-soluble 4-phenylthiosemicarbazone Schiff base ligand: Synthesis, characterization, unexpected cyclization, antimicrobial, antioxidant, and anticancer activities. <i>Polyhedron</i> , 2017, 124, 156-165.	1.0	43
15	Physicochemical characterization and antimicrobial evaluation of gentamicin-loaded CaCO <sub>3</sub> nanoparticles prepared via microemulsion method. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 35, 16-23.	1.4	42
16	Evaluation of the effect of CaCl <sub>2</sub> and alginate concentrations and hardening time on the characteristics of <i>Lactobacillus acidophilus</i> loaded alginate beads using response surface analysis. <i>Advanced Pharmaceutical Bulletin</i> , 2012, 2, 71-8.	0.6	41
17	Box-Behnken experimental design for preparation and optimization of ciprofloxacin hydrochloride-loaded CaCO <sub>3</sub> nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 29, 125-131.	1.4	39
18	Freeze-thaw-induced cross-linked PVA/chitosan for oxytetracycline-loaded wound dressing: The experimental design and optimization. <i>Research in Pharmaceutical Sciences</i> , 2019, 14, 175.	0.6	39

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19	Nanoparticle-Mediated Interleukin-12 Cancer Gene Therapy. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2010, 13, 472.	0.9	38
20	Anti-bacterial performance of azithromycin nanoparticles as colloidal drug delivery system against different gram-negative and gram-positive bacteria. <i>Advanced Pharmaceutical Bulletin</i> , 2012, 2, 17-24.	0.6	37
21	Preparation of Chitosan-Plasmid DNA Nanoparticles Encoding Interleukin-12 and their Expression in CT-26 Colon Carcinoma Cells. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2011, 14, 181.	0.9	34
22	Synthesis, characterization and in vitro biological activities of new water-soluble copper(II), zinc(II), and nickel(II) complexes with sulfonato-substituted Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2017, 458, 171-180.	1.2	33
23	Intraperitoneal delivery of nanoparticles for cancer gene therapy. <i>Future Oncology</i> , 2013, 9, 59-68.	1.1	32
24	Application of Box-Behnken design to prepare gentamicin-loaded calcium carbonate nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1475-1481.	1.9	30
25	Effect of two prophylaxis methods on adherence of <i>Streptococcus mutans</i> to microfilled composite resin and giomer surfaces. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2011, 16, e561-e567.	0.7	28
26	Improvement of dermal delivery of tetracycline using vesicular nanostructures. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 385.	0.6	26
27	A study on enhanced intestinal permeability of clarithromycin nanoparticles. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 121-129.	1.2	25
28	A brief overview on nano-sized materials used in the topical treatment of skin and soft tissue bacterial infections. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 1313-1331.	2.4	23
29	Modulating furin activity with designed mini-PDX peptides: Synthesis and in vitro kinetic evaluation. <i>FEBS Letters</i> , 2005, 579, 4813-4821.	1.3	21
30	Preparation and characterization of gelatin nanoparticles containing pDNA encoding IL-12 and their expression in CT-26 carcinoma cells. <i>Future Oncology</i> , 2013, 9, 1195-1206.	1.1	20
31	Chemical composition and in vitro antioxidant and antibacterial activity of <i>Heracleum transcaucasicum</i> and <i>Heracleum anisactis</i> roots essential oil. <i>Biolmpacts</i> , 2014, 4, 69-74.	0.7	20
32	Air-assisted liquid-liquid microextraction of total 3-monochloropropane-1,2-diol from refined edible oils based on a natural deep eutectic solvent and its determination by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1656, 462559.	1.8	19
33	Antioxidant and Antimicrobial activity of <i>Pedicularis sibthorpii</i> Boiss. And <i>Pedicularis wilhelmsiana</i> Fisch ex. <i>Advanced Pharmaceutical Bulletin</i> , 2012, 2, 89-92.	0.6	18
34	Evaluation of the Effect of Psyllium on the Viability of <i>Lactobacillus Acidophilus</i> in Alginate-Poly Lysine Beads. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 337-343.	0.6	16
35	DETERMINATION OF INDICATOR BACTERIA IN PHARMACEUTICAL SAMPLES BY MULTIPLEX PCR. <i>Journal of Rapid Methods and Automation in Microbiology</i> , 2009, 17, 328-338.	0.4	15
36	Gene therapy with IL-12 induced enhanced anti-tumor activity in fibrosarcoma mouse model. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1988-1993.	1.9	14

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37	An in vitro ethnopharmacological study on Prangos ferulacea: a wound healing agent. <i>BiolImpacts</i> , 2017, 7, 75-82.	0.7	14
38	Prevalence of bacteriocin activities and bacteriocin-encoding genes in enterococcal clinical isolates in Iran. <i>Canadian Journal of Microbiology</i> , 2012, 58, 359-368.	0.8	13
39	The Application of Nanomaterials in Cardiovascular Diseases: A Review on Drugs and Devices. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 0, 22, 501-515.	0.9	13
40	Composition and antibacterial activity of heracleum transcaucasicum and heracleum anisactis aerial parts essential oil. <i>Advanced Pharmaceutical Bulletin</i> , 2013, 3, 415-8.	0.6	12
41	Preparation and in vivo evaluation of in situ gel system as dual thermo-/pH-responsive nanocarriers for sustained ocular drug delivery. <i>Journal of Microencapsulation</i> , 2015, 32, 511-9.	1.2	12
42	Dispersive micro-“solid” phase extraction of aflatoxins from commercial soy milk samples using a green vitamin-based metal-organic framework as an efficient sorbent followed by high performance liquid chromatography-tandem mass spectrometry determination. <i>Journal of Chromatography A</i> , 2022, 1673, 463099.	1.8	12
43	Preparation and characterization of a novel thermosensitive and bioadhesive cephalixin nanohydrogel: a promising platform for topical antibacterial delivery. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 881-893.	2.4	11
44	Safety and Toxicity Issues of Therapeutically Used Nanoparticles from the Oral Route. <i>BioMed Research International</i> , 2021, 2021, 1-14.	0.9	11
45	Determination of comparative minimum inhibitory concentration (MIC) of bacteriocins produced by enterococci for selected isolates of multi-antibiotic resistant <i>Enterococcus</i> spp. <i>Advanced Pharmaceutical Bulletin</i> , 2011, 1, 75-9.	0.6	11
46	Evaluation of Various Biological Activities of the Aerial Parts of Growing in Iran. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 277-289.	0.3	11
47	Synthesis and antibacterial evaluation of new sulfanyl-tetrazole derivatives bearing piperidine dithiocarbamate moiety. <i>Synthetic Communications</i> , 2018, 48, 323-328.	1.1	10
48	Application of natural deep eutectic solvents-based in-syringe dispersive liquid-liquid microextraction for the extraction of five acaricides in egg samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 3806-3821.	1.8	10
49	Combination of solvent extraction with deep eutectic solvent based dispersive liquid-liquid microextraction for the analysis of aflatoxin M <sub>1</sub> in cheese samples using response surface methodology optimization. <i>Journal of Separation Science</i> , 2021, 44, 1501-1509.	1.3	10
50	A minireview on nanoparticle-based sensors for the detection of coronaviruses. <i>Bioanalysis</i> , 2021, 13, 1837-1850.	0.6	10
51	Comparison of Antifungal Properties of Acrylic Resin Reinforced with ZnO and Ag Nanoparticles. <i>Pharmaceutical Sciences</i> , 2017, 23, 207-214.	0.1	10
52	Gene therapy based on interleukin-12 loaded chitosan nanoparticles in a mouse model of fibrosarcoma. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 1238-1244.	1.0	10
53	Bioactivity and Phytochemical Screening of Extracts from Rhizomes of <i>rech. f.</i> Growing in Iran. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 306-314.	0.3	10
54	Evaluation of Antibacterial Efficacy of Photodynamic Therapy vs. 2.5% NaOCl against <i>E. faecalis</i> -infected Root Canals Using Real-time PCR Technique. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, 0-0.	0.5	9

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55	Efficient Inactivation of Multi-Antibiotics Resistant Nosocomial Enterococci by Purified Hiracin Bacteriocin. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 393-401.	0.6	6
56	Anti Pneumococcal Activity of Azithromycin-Eudragit RS100 Nano-Formulations. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 455-459.	0.6	6
57	A comparative study on the potentials of nanoliposomes and nanoethosomes for Fluconazole delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 264-269.	1.4	6
58	Evaluation of heavy metals (Cd, Cr, Hg, Ni, As, and Pb) concentration in salt samples of Lake Urmia, Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1672-1682.	1.8	6
59	Development and Validation of A Spectrofluorimetric Determination of Calf Thymus DNA Using a Terbium-Danofloxacin Probe. <i>Pharmaceutical Sciences</i> , 2016, 22, 2-8.	0.8	6
60	Peracetic acid Activity on Biofilm Formed by Escherichia coli Isolated from an Industrial Water System. <i>Letters in Applied Microbiology</i> , 2022, , .	1.0	6
61	Targeting Multidrug Resistance With Antimicrobial Peptide-Decorated Nanoparticles and Polymers. <i>Frontiers in Microbiology</i> , 2022, 13, 831655.	1.5	6
62	Application of a modified lighter than water organic solvent-based air-assisted liquid-liquid microextraction method for the efficient extraction of aflatoxin M <sub>1</sub> in unpasteurized milk samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 4121-4133.	1.8	5
63	Bioactive Properties of Eremostachys macrophylla Montbr. & Auch. Rhizomes Growing in Iran. <i>Pharmaceutical Sciences</i> , 2017, 23, 238-243.	0.1	5
64	Bulky organosilicon compounds based on sulfanyltetrazoles: their synthesis and in vitro antibacterial evaluation. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1279-1286.	1.2	4
65	A View on Polymerase Chain Reaction as an Outstanding Molecular Diagnostic Technique in Periodontology. <i>BioMed Research International</i> , 2021, 2021, 1-8.	0.9	4
66	Study of the Efficacy of Real Time-PCR Method for Amikacin Determination Using Microbial Assay. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 181-188.	0.6	4
67	Antimicrobial Activity of Nanostructured Lipid Carriers Loaded Punica granatum Seed Oil against Staphylococcus epidermidis. <i>Pharmaceutical Nanotechnology</i> , 2020, 8, 485-494.	0.6	4
68	Comparison of microbiological and high-performance liquid chromatographic methods for determination of clarithromycin levels in plasma. <i>Iranian Journal of Pharmaceutical Research</i> , 2010, 9, 27-35.	0.3	4
69	Application of calcium oxide as an efficient phase separation agent in temperature-induced counter-current homogenous liquid-liquid extraction of aflatoxins from dried fruit chips followed by high-performance liquid chromatography-tandem mass spectrometry determination. <i>Journal of Separation Science</i> , 2022, 45, 1894-1903.	1.3	4
70	Application of new N- and S-doped amorphous carbon in D-1/4SPE and its combination with deep eutectic solvent-based DLLME for the extraction of some mycotoxins from soymilk. <i>Analytical Methods</i> , 2021, 13, 4604-4613.	1.3	3
71	Anti-Proliferative and Antimicrobial Activity of Methanolic Extract and SPE Fractions of Artemisia spicigera. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2016, 12, .	0.3	3
72	A novel method for the development of plasmid DNA-loaded nanoliposomes for cancer gene therapy. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1508-1520.	3.0	2

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73	Evaluation of Bacteriocin Activities among Enterococcal Poultry Isolates from East Azarbaijan Iran. <i>Pharmaceutical Sciences</i> , 2015, 21, 72-76.	0.8	2
74	The effects of gene therapy with granulocyte-macrophage colony-stimulating factor in the regression of tumor masses in fibrosarcoma mouse model. <i>Journal of Cancer Research and Therapeutics</i> , 2017, 13, 362.	0.3	2
75	Combined Interleukin 12 and Granulocyte-macrophage Colony-stimulating Factor Gene Therapy Synergistically Suppresses Tumor Growth in the Murine Fibrosarcoma. <i>International Journal of Cancer Management</i> , 2017, 10, .	0.2	2
76	Evaluation of Herbal Mouthwashes Containing Zataria Multiflora Boiss, Frankincense and Combination Therapy on Patients with Gingivitis: A Double-Blind, Randomized, Controlled, Clinical Trial. , 2019, 8, 1366.		2
77	Efficacy of Disinfection of Dental Stone Casts: Virkon versus Sodium Hypochlorite. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2015, 12, 206-15.	0.4	2
78	Efficacy and Physicochemical Evaluation of an Optimized Semisolid Formulation of Povidone Iodine Proposed by Extreme Vertices Statistical Design; a Practical Approach. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 1015-29.	0.3	2
79	Disinfection effect of microwave radiation on Bacillus subtilis as indicator organism on contaminated dental stone casts under dry and wet conditions. <i>GMS Hygiene and Infection Control</i> , 2017, 12, Doc09.	0.2	1
80	Evaluation the Antibacterial Effects of Two Commercial Products of Eucalyptus globulus Against Common Microbial Causes of Respiratory Tract Infections. <i>Pharmaceutical Sciences</i> , 2016, 22, 285-290.	0.1	1
81	Passive and pH-gradient loading of doxycycline into nanoliposomes using modified freeze-drying of a monophasic solution method for enhanced antibacterial activity. <i>Chemical Papers</i> , 0, , 1.	1.0	1
82	Direct quantitative detection of host cell residual DNA in recombinant Filgrastim by qPCR. <i>Analytical Biochemistry</i> , 2021, 629, 114296.	1.1	0
83	Anti-Proliferative and Antimicrobial Activity of Methanolic Extract and SPE Fractions of Artemisia spicigera. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2016, In press, .	0.3	0
84	Antibacterial Activity of Anti-Aphthous Spray and Oral Drop: Two Thymus Commercial Products. <i>Pharmaceutical Sciences</i> , 2017, 23, 166-169.	0.1	0
85	Safety Issues of Nanomaterials for Dermal Pharmaceutical Products. <i>Pharmaceutical Nanotechnology</i> , 2022, 10, 334-341.	0.6	0