

Ali Dehshahri

List of Publications by Year in descending order

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55
papers

2,153
citations

236925

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h-index

233421

45
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all docs

56
docs citations

56
times ranked

3074
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of Magnetic Immobilization on the Growth and Metabolic Status of Recombinant <i>Pichia pastoris</i> . <i>Molecular Biotechnology</i> , 2022, 64, 320-329.	2.4	7
2	Synthesis and cytotoxicity evaluation of doxorubicin-polyethyleneimine conjugate as a potential carrier for dual delivery of drug and gene. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 102994.	3.0	2
3	FLOT (a chemotherapy regimen for gastric/esophagogastric junction cancer): to be treated as a highly emetogenic regimen or a moderately emetogenic one? Comparison of the emetogenic potential of FLOT versus FOLFOX and TAC regimens. <i>Supportive Care in Cancer</i> , 2022, 30, 3865-3873.	2.2	2
4	Chitosan: A versatile bio-platform for breast cancer theranostics. <i>Journal of Controlled Release</i> , 2022, 341, 733-752.	9.9	38
5	Dexamethasone: Insights into Pharmacological Aspects, Therapeutic Mechanisms, and Delivery Systems. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 1763-1790.	5.2	37
6	Interleukin-12 Plasmid DNA Delivery by N-[(2-Hydroxy-3-trimethylammonium)propyl]chitosan-Based Nanoparticles. <i>Polymers</i> , 2022, 14, 2176.	4.5	3
7	Impacts of Magnetic Immobilization on the Recombinant Proteins Structure Produced in <i>Pichia pastoris</i> System. <i>Molecular Biotechnology</i> , 2021, 63, 80-89.	2.4	5
8	Synthesis and cytotoxicity evaluation of gemcitabine-tobacco mosaic virus conjugates. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102388.	3.0	3
9	Green Synthesis of Selenium Nanoparticles by Cyanobacterium <i>Spirulina platensis</i> (abdf2224): Cultivation Condition Quality Controls. <i>BioMed Research International</i> , 2021, 2021, 1-11.	1.9	25
10	A focused review on technologies, mechanisms, safety, and efficacy of available COVID-19 vaccines. <i>International Immunopharmacology</i> , 2021, 100, 108162.	3.8	65
11	New Horizons in Hydrogels for Methotrexate Delivery. <i>Gels</i> , 2021, 7, 2.	4.5	20
12	Editing SOX Genes by CRISPR-Cas: Current Insights and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11321.	4.1	6
13	Electrospun nanocarriers for delivering natural products for cancer therapy. <i>Trends in Food Science and Technology</i> , 2021, 118, 887-904.	15.1	23
14	Photodynamic therapy for leishmaniasis: Recent advances and future trends. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 36, 102609.	2.6	16
15	Synthesis of novel naphtho[1,2-e][1,3]oxazines bearing an arylsulfonamide moiety and their anticancer and antifungal activity evaluations. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1271-1282.	4.9	14
16	Na ⁺ /K ⁺ ATPase-targeted delivery to metastatic breast cancer models. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 143, 105207.	4.0	15
17	Topoisomerase inhibitors: Pharmacology and emerging nanoscale delivery systems. <i>Pharmacological Research</i> , 2020, 151, 104551.	7.1	47
18	<p>>Overexpression of Adiponectin Receptors in Opium Users with and without Cancer</p>>. <i>Clinical Pharmacology: Advances and Applications</i> , 2020, Volume 12, 59-65.	1.2	1

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19	Graphene as a promising multifunctional nanoplatform for glioblastoma theranostic applications. FlatChem, 2020, 22, 100173.	5.6	15
20	<p>Biomarkers of IL-33 and sST2 and Lack of Association with Carvedilol Therapy in Heart Failure</p>. Clinical Pharmacology: Advances and Applications, 2020, Volume 12, 53-58.	1.2	5
21	In vivo gene delivery mediated by non-viral vectors for cancer therapy. Journal of Controlled Release, 2020, 325, 249-275.	9.9	156
22	Magnetic Immobilization of Pichia pastoris Cells for the Production of Recombinant Human Serum Albumin. Nanomaterials, 2020, 10, 111.	4.1	12
23	Targeted double domain nanoplex based on galactosylated polyethylenimine enhanced the delivery of <scp>IL</scp>â€12 plasmid. Biotechnology Progress, 2020, 36, e3002.	2.6	12
24	Production and Preliminary In Vivo Evaluations of a Novel in silico-designed L2-based Potential HPV Vaccine. Current Pharmaceutical Biotechnology, 2020, 21, 316-324.	1.6	10
25	Production and immunological evaluation of epitope-based preventative pneumococcal candidate vaccine comprising immunodominant epitopes from PspA, CbpA, PhtD and PiuA antigens. Current Pharmaceutical Biotechnology, 2020, 22, 1900-1909.	1.6	2
26	Preparation of carbon dot as a potential CRISPR/Cas9 plasmid delivery system for lung cancer cells. Minerva Biotechnologica, 2020, 32, .	1.2	8
27	Computational design of a chimeric epitope-based vaccine to protect against Staphylococcus aureus infections. Molecular and Cellular Probes, 2019, 46, 101414.	2.1	28
28	Enhanced anti-tumor efficacy and reduced cardiotoxicity of doxorubicin delivered in a novel plant virus nanoparticle. Colloids and Surfaces B: Biointerfaces, 2019, 174, 80-86.	5.0	34
29	Shedding light on gene therapy: Carbon dots for the minimally invasive image-guided delivery of plasmids and noncoding RNAs - A review. Journal of Advanced Research, 2019, 18, 81-93.	9.5	102
30	Vaccinomics approach for developing multi-epitope peptide pneumococcal vaccine. Journal of Biomolecular Structure and Dynamics, 2019, 37, 3524-3535.	3.5	84
31	Double domain polyethylenimine-based nanoparticles for integrin receptor mediated delivery of plasmid DNA. Scientific Reports, 2018, 8, 6842.	3.3	37
32	Plant virus nanoparticles: Novel and robust nanocarriers for drug delivery and imaging. Colloids and Surfaces B: Biointerfaces, 2018, 167, 20-27.	5.0	51
33	Structural vaccinology considerations for in silico designing of a multi-epitope vaccine. Infection, Genetics and Evolution, 2018, 58, 96-109.	2.3	88
34	Medium Optimization for Recombinant Soluble Arginine Deiminase Expression in Escherichia coli Using Response Surface Methodology. Current Pharmaceutical Biotechnology, 2018, 18, 935-941.	1.6	12
35	The Synergistic Effects of Celecoxib and Sodium Valproate on Apoptosis and Invasiveness Behavior of Papillary Thyroid Cancer Cell Line. Iranian Journal of Pharmaceutical Research, 2018, 17, 1008-1017.	0.5	5
36	Professionalism ethics in pharmacy education: Do students have acceptable knowledge or it is a white paper in pharmacy education curriculum?. Journal of Advances in Medical Education and Professionalism, 2018, 6, 190-191.	0.2	0

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37	Delivery of plasmid encoding interleukin-12 gene into hepatocytes by conjugated polyethylenimine-based nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1036-1044.	2.8	30
38	A novel HPV prophylactic peptide vaccine, designed by immunoinformatics and structural vaccinology approaches. <i>Infection, Genetics and Evolution</i> , 2017, 54, 402-416.	2.3	54
39	Physicochemical and biological characteristics of the nanostructured polysaccharide-iron hydrogel produced by microorganism <i>Klebsiella oxytoca</i> . <i>Journal of Basic Microbiology</i> , 2017, 57, 132-140.	3.3	39
40	Tetraiodothyroacetic acid-conjugated polyethylenimine for integrin receptor mediated delivery of the plasmid encoding IL-12 gene. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 426-436.	5.0	29
41	Preparation, characterization, and transfection efficiency of low molecular weight polyethylenimine-based nanoparticles for delivery of the plasmid encoding CD200 gene. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5557-5569.	6.7	51
42	Enhanced Delivery of Plasmid Encoding Interleukin-12 Gene by Diethylene Triamine Penta-Acetic Acid (DTPA)-Conjugated PEI Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 251-269.	2.9	9
43	Surface decorations of poly(amidoamine) dendrimer by various pendant moieties for improved delivery of nucleic acid materials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 132, 85-102.	5.0	43
44	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.	2.4	27
45	Interleukin-12 plasmid DNA delivery using l-thyroxine-conjugated polyethylenimine nanocarriers. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	25
46	The students' intentions and satisfaction with the field of study and university. <i>Journal of Advances in Medical Education and Professionalism</i> , 2014, 2, 176-82.	0.2	2
47	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.	2.4	33
48	The effect of cationic charge density change on transfection efficiency of polyethylenimine. <i>Iranian Journal of Basic Medical Sciences</i> , 2013, 16, 150-6.	1.0	47
49	β-Galactosylated Alkyl-oligoamine Derivatives of Polyethylenimine Enhanced pDNA Delivery into Hepatic Cells with Reduced Toxicity. <i>Current Nanoscience</i> , 2012, 8, 548-555.	1.2	26
50	The impact of carboxyalkylation of branched polyethylenimine on effectiveness in small interfering RNA delivery. <i>Journal of Gene Medicine</i> , 2010, 12, 729-738.	2.8	63
51	Alkylcarboxylate grafting to polyethylenimine: a simple approach to producing a DNA nanocarrier with low toxicity. <i>Journal of Gene Medicine</i> , 2009, 11, 921-932.	2.8	85
52	The influence of size, lipid composition and bilayer fluidity of cationic liposomes on the transfection efficiency of nanolipoplexes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 72, 1-5.	5.0	66
53	Gene transfer efficiency of high primary amine content, hydrophobic, alkyl-oligoamine derivatives of polyethylenimine. <i>Biomaterials</i> , 2009, 30, 4187-4194.	11.4	106
54	Simple Modifications of Branched PEI Lead to Highly Efficient siRNA Carriers with Low Toxicity. <i>Bioconjugate Chemistry</i> , 2008, 19, 1448-1455.	3.6	411

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55	Bioconversion of Hydrocortisone by Cyanobacterium Fischerella ambigua PTCC 1635. World Journal of Microbiology and Biotechnology, 2005, 21, 811-814.	3.6	17