

# Rassoul Dinarvand

## List of Publications by Year in descending order

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200  
papers

6,033  
citations

71102

41  
h-index

133252

59  
g-index

200  
all docs

200  
docs citations

200  
times ranked

9081  
citing authors

#	ARTICLE	IF	CITATIONS
1	The significance of artificial intelligence in drug delivery system design. <i>Advanced Drug Delivery Reviews</i> , 2019, 151-152, 169-190.	13.7	140
2	Theranostic MUC-1 aptamer targeted gold coated superparamagnetic iron oxide nanoparticles for magnetic resonance imaging and photothermal therapy of colon cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 224-232.	5.0	136
3	Fabrication and structure analysis of poly(lactide-co-glycolic acid)/silk fibroin hybrid scaffold for wound dressing applications. <i>International Journal of Pharmaceutics</i> , 2014, 473, 345-355.	5.2	119
4	New insights into designing hybrid nanoparticles for lung cancer: Diagnosis and treatment. <i>Journal of Controlled Release</i> , 2019, 295, 250-267.	9.9	119
5	Protein corona composition of gold nanoparticles/nanorods affects amyloid beta fibrillation process. <i>Nanoscale</i> , 2015, 7, 5004-5013.	5.6	107
6	Delivery of disulfiram into breast cancer cells using folate-receptor-targeted PLGA-PEG nanoparticles: in vitro and in vivo investigations. <i>Journal of Nanobiotechnology</i> , 2016, 14, 32.	9.1	107
7	Point-of-Use Rapid Detection of SARS-CoV-2: Nanotechnology-Enabled Solutions for the COVID-19 Pandemic. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5126.	4.1	105
8	Self assembled hyaluronic acid nanoparticles as a potential carrier for targeting the inflamed intestinal mucosa. <i>Carbohydrate Polymers</i> , 2016, 144, 371-381.	10.2	100
9	Albuminated PLGA nanoparticles containing bevacizumab intended for ocular neovascularization treatment. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3148-3156.	4.0	92
10	In vivo drug delivery of gemcitabine with PEGylated single-walled carbon nanotubes. <i>Materials Science and Engineering C</i> , 2016, 62, 614-625.	7.3	85
11	Antibody-Drug Conjugates: Possibilities and Challenges. <i>Avicenna Journal of Medical Biotechnology</i> , 2019, 11, 3-23.	0.3	83
12	Protein corona hampers targeting potential of MUC1 aptamer functionalized SN-38 core-shell nanoparticles. <i>International Journal of Pharmaceutics</i> , 2015, 494, 430-444.	5.2	81
13	Polymer-Coated NH <sub>2</sub> -UiO-66 for the Codelivery of DOX/pCRISPR. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 10796-10811.	8.0	80
14	Controlling evolution of protein corona: a prosperous approach to improve chitosan-based nanoparticle biodistribution and half-life. <i>Scientific Reports</i> , 2020, 10, 9664.	3.3	77
15	&lt;p&gt;Burgeoning Polymer Nano Blends for Improved Controlled Drug Release: A Review&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4363-4392.	6.7	76
16	Paclitaxel molecularly imprinted polymer-PEG-folate nanoparticles for targeting anticancer delivery: Characterization and cellular cytotoxicity. <i>Materials Science and Engineering C</i> , 2016, 62, 626-633.	7.3	69
17	Nicotinamide loaded functionalized solid lipid nanoparticles improves cognition in Alzheimer's disease animal model by reducing Tau hyperphosphorylation. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2018, 26, 165-177.	2.0	68
18	Pharmaceutical supply chain risks: a systematic review. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013, 21, 69.	2.0	67

#	ARTICLE	IF	CITATIONS
19	Aptamer decorated hyaluronan/chitosan nanoparticles for targeted delivery of 5-fluorouracil to MUC1 overexpressing adenocarcinomas. <i>Carbohydrate Polymers</i> , 2015, 121, 190-198.	10.2	61
20	Polymeric Nanoparticles for Nasal Drug Delivery to the Brain: Relevance to Alzheimer's Disease. <i>Advanced Therapeutics</i> , 2021, 4, 2000076.	3.2	61
21	Preparation of hydrogel embedded polymer-growth factor conjugated nanoparticles as a diabetic wound dressing. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 707-719.	2.0	59
22	Preparation and In Vitro Evaluation of A Pegylated Nano-Liposomal Formulation Containing Docetaxel. <i>Scientia Pharmaceutica</i> , 2009, 77, 453-464.	2.0	58
23	Preparation, characterization and in vivo evaluation of novel hyaluronan containing niosomes tailored by Box-Behnken design to co-encapsulate curcumin and quercetin. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 130, 234-246.	4.0	58
24	Turning Toxic Nanomaterials into a Safe and Bioactive Nanocarrier for Co-delivery of DOX/pCRISPR. <i>ACS Applied Bio Materials</i> , 2021, 4, 5336-5351.	4.6	57
25	Docetaxel Loaded PEG-PLGA Nanoparticles: Optimized Drug Loading, In-vitro Cytotoxicity and In-vivo Antitumor Effect. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 819-33.	0.5	57
26	Controlled release of rhEGF and rhbFGF from electrospun scaffolds for skin regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3374-3385.	4.0	56
27	Pharmaceutical supply chain risk assessment in Iran using analytic hierarchy process (AHP) and simple additive weighting (SAW) methods. <i>Journal of Pharmaceutical Policy and Practice</i> , 2015, 8, 9.	2.4	56
28	Ferulic acid-loaded nanostructured lipid carriers: A promising nanoformulation against the ischemic neural injuries. <i>Life Sciences</i> , 2018, 193, 64-76.	4.3	56
29	Targeted drug delivery of Sunitinib Malate to tumor blood vessels by cRGD-chitosan-gold nanoparticles. <i>International Journal of Pharmaceutics</i> , 2017, 517, 269-278.	5.2	54
30	Multifunctional core-shell nanoplatfoms (gold@graphene oxide) with mediated NIR thermal therapy to promote miRNA delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1891-1903.	3.3	54
31	Exosomes derived from miR-34a-overexpressing mesenchymal stem cells inhibit in vitro tumor growth: A new approach for drug delivery. <i>Life Sciences</i> , 2021, 266, 118871.	4.3	53
32	Effect of porogenic solvent on the morphology, recognition and release properties of carbamazepineâ€molecularly imprinted polymer nanospheres. <i>Journal of Applied Polymer Science</i> , 2011, 121, 1118-1126.	2.6	52
33	Synthesis and optimization of a novel polymeric micelle based on hyaluronic acid and phospholipids for delivery of paclitaxel, in vitro and in-vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2014, 475, 163-173.	5.2	52
34	Effect of PEGylated superparamagnetic iron oxide nanoparticles (SPIONs) under magnetic field on amyloid beta fibrillation process. <i>Materials Science and Engineering C</i> , 2016, 59, 390-397.	7.3	52
35	Ferulic acid exhibits antiepileptogenic effect and prevents oxidative stress and cognitive impairment in the kindling model of epilepsy. <i>Life Sciences</i> , 2017, 179, 9-14.	4.3	49
36	Improved antimycobacterial activity of rifampin using solid lipid nanoparticles. <i>International Nano Letters</i> , 2012, 2, 1.	5.0	48

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37	Doxorubicin loaded folate-targeted carbon nanotubes: Preparation, cellular internalization, in vitro cytotoxicity and disposition kinetic study in the isolated perfused rat liver. <i>Materials Science and Engineering C</i> , 2014, 39, 47-55.	7.3	46
38	NanoMIL-100(Fe) containing docetaxel for breast cancer therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1390-1401.	2.8	46
39	Biotin/Folate-Decorated Human Serum Albumin Nanoparticles of Docetaxel: Comparison of Chemically Conjugated Nanostructures and Physically Loaded Nanoparticles for Targeting of Breast Cancer. <i>Chemical Biology and Drug Design</i> , 2016, 87, 69-82.	3.2	45
40	Biotin decorated PLGA nanoparticles containing SN-38 designed for cancer therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 495-504.	2.8	45
41	SN38 conjugated hyaluronic acid gold nanoparticles as a novel system against metastatic colon cancer cells. <i>International Journal of Pharmaceutics</i> , 2017, 526, 339-352.	5.2	44
42	Glutathione responsive chitosan-thiolated dextran conjugated miR-145 nanoparticles targeted with AS1411 aptamer for cancer treatment. <i>Carbohydrate Polymers</i> , 2018, 201, 131-140.	10.2	42
43	Evaluation of recombinant phenylalanine dehydrogenase behavior in aqueous two-phase partitioning. <i>Process Biochemistry</i> , 2007, 42, 1296-1301.	3.7	41
44	Nerve growth factor-carbon nanotube complex exerts prolonged protective effects in an in vitro model of ischemic stroke. <i>Life Sciences</i> , 2017, 179, 15-22.	4.3	41
45	Specific targeting delivery to MUC1 overexpressing tumors by albumin-chitosan nanoparticles conjugated to DNA aptamer. <i>International Journal of Pharmaceutics</i> , 2016, 515, 607-615.	5.2	40
46	Combination Therapy of Breast Cancer by Codelivery of Doxorubicin and Survivin siRNA Using Polyethylenimine Modified Silk Fibroin Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1074-1087.	5.2	40
47	Targeted poly (L- <sup>3</sup> -glutamyl glutamine) nanoparticles of docetaxel against folate over-expressed breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2014, 467, 123-138.	5.2	39
48	Ocular implant containing bevacizumab-loaded chitosan nanoparticles intended for choroidal neovascularization treatment. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2261-2271.	4.0	39
49	Efficacy of the biomaterials 3 wt%-nanostrotrium-hydroxyapatite-enhanced calcium phosphate cement (nanoSr-CPC) and nanoSr-CPC-incorporated simvastatin-loaded poly(lactic-co-glycolic-acid) microspheres in osteogenesis improvement: An explorative multi-phase experimental in vitro/vivo study. <i>Materials Science and Engineering C</i> , 2016, 69, 171-183.	7.3	38
50	Preparation and investigation of indirubin-loaded SLN nanoparticles and their anti-cancer effects on human glioblastoma U87MG cells. <i>Cell Biology International</i> , 2019, 43, 2-11.	3.0	38
51	Preparation of biodegradable microspheres and matrix devices containing naltrexone. <i>AAPS PharmSciTech</i> , 2003, 4, 45-54.	3.3	36
52	SN38 polymeric nanoparticles: In vitro cytotoxicity and in vivo antitumor efficacy in xenograft balb/c model with breast cancer versus irinotecan. <i>International Journal of Pharmaceutics</i> , 2014, 471, 485-497.	5.2	36
53	Nano polyelectrolyte complexes of carboxymethyl dextran and chitosan to improve chitosan-mediated delivery of miR-145. <i>Carbohydrate Polymers</i> , 2017, 159, 66-75.	10.2	36
54	Probiotic Properties of Lyophilized Cell Free Extract of <i>Lactobacillus casei</i> . <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2013, 8, 131-137.	0.6	36

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55	Improved anticancer delivery of paclitaxel by albumin surface modification of PLGA nanoparticles. DARU, Journal of Pharmaceutical Sciences, 2015, 23, 28.	2.0	35
56	Preparation of gelatin microspheres containing lactic acid--effect of cross-linking on drug release. Acta Pharmaceutica, 2005, 55, 57-67.	2.0	35
57	Application of carbon nanotubes as the carriers of the cannabinoid, 2-arachidonoylglycerol: Towards a novel treatment strategy in colitis. Life Sciences, 2017, 179, 66-72.	4.3	34
58	Combining NT3-overexpressing MSCs and PLGA microcarriers for brain tissue engineering: A potential tool for treatment of Parkinson's disease. Materials Science and Engineering C, 2017, 76, 934-943.	7.3	34
59	Tissue engineering: Still facing a long way ahead. Journal of Controlled Release, 2018, 279, 181-197.	9.9	34
60	Pegylated magnetic mesoporous silica nanoparticles decorated with AS1411 Aptamer as a targeting delivery system for cytotoxic agents. Pharmaceutical Development and Technology, 2019, 24, 1063-1075.	2.4	34
61	pH-Responsive, Adorned Nanoniosomes for Codelivery of Cisplatin and Epirubicin: Synergistic Treatment of Breast Cancer. ACS Applied Bio Materials, 2022, 5, 675-690.	4.6	34
62	&lt;p&gt;The effect of surface treatment on the brain delivery of curcumin nanosuspension: in vitro and in vivo studies&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 5477-5490.	6.7	33
63	Nanoparticles of Conjugated Methotrexate-Human Serum Albumin: Preparation and Cytotoxicity Evaluations. Journal of Nanomaterials, 2011, 2011, 1-7.	2.7	32
64	Preparation of imatinib base loaded human serum albumin for application in the treatment of glioblastoma. RSC Advances, 2015, 5, 62214-62219.	3.6	32
65	<scp>Docetaxel</scp>â€“Chitosan nanoparticles for breast cancer treatment: cell viability and gene expression study. Chemical Biology and Drug Design, 2016, 88, 850-858.	3.2	32
66	The determination of acetaminophen using a carbon nanotube:graphite-based electrode. Mikrochimica Acta, 2010, 171, 377-384.	5.0	31
67	ZnAl nano layered double hydroxides for dual functional CRISPR/Cas9 delivery and enhanced green fluorescence protein biosensor. Scientific Reports, 2020, 10, 20672.	3.3	31
68	Bioactive hybrid metal-organic framework (MOF)-based nanosensors for optical detection of recombinant SARS-CoV-2 spike antigen. Science of the Total Environment, 2022, 825, 153902.	8.0	31
69	Chitosan polyplex nanoparticle vector for miR-145 expression in MCF-7: Optimization by design of experiment. International Journal of Biological Macromolecules, 2015, 81, 828-837.	7.5	30
70	A hybrid microfluidic system for regulation of neural differentiation in induced pluripotent stem cells. Journal of Biomedical Materials Research - Part A, 2016, 104, 1534-1543.	4.0	30
71	Solid lipid nanoparticles surface modified with anti-Contactin-2 or anti-Neurofascin for brain-targeted delivery of medicines. Pharmaceutical Development and Technology, 2017, 22, 426-435.	2.4	30
72	High-gravity-assisted green synthesis of palladium nanoparticles: the flowering of nanomedicine. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 30, 102297.	3.3	30

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73	Nanotechnology-assisted microfluidic systems: from bench to bedside. <i>Nanomedicine</i> , 2021, 16, 237-258.	3.3	30
74	Cost-effectiveness of different interferon beta products for relapsing-remitting and secondary progressive multiple sclerosis: Decision analysis based on long-term clinical data and switchable treatments. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2013, 21, 50.	2.0	29
75	Functionalized nanoscale $\beta$ -1,3-glucan to improve Her2+ breast cancer therapy: In vitro and in vivo study. <i>Journal of Controlled Release</i> , 2015, 202, 49-56.	9.9	29
76	Fabrication and biological evaluation of chitosan coated hyaluronic acid-docetaxel conjugate nanoparticles in CD44+ cancer cells. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2016, 24, 21.	2.0	29
77	Peptide functionalized poly ethylene glycol-poly caprolactone nanomicelles for specific cabazitaxel delivery to metastatic breast cancer cells. <i>Materials Science and Engineering C</i> , 2017, 80, 301-312.	7.3	29
78	Application of nanostructured lipid carriers: the prolonged protective effects for sesamol in in vitro and in vivo models of ischemic stroke via activation of PI3K signalling pathway. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2017, 25, 25.	2.0	29
79	Cationic graphene oxide nanopatform mediates miR-101 delivery to promote apoptosis by regulating autophagy and stress. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5865-5886.	6.7	29
80	Improved green biosynthesis of chitosan decorated Ag- and Co3O4-nanoparticles: A relationship between surface morphology, photocatalytic and biomedical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102331.	3.3	29
81	Green chemistry and coronavirus. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100415.	3.3	29
82	Preparation and In-vitro Evaluation of Controlled Release PLGA Microparticles Containing Triptoreline. <i>Iranian Journal of Pharmaceutical Research</i> , 2010, 9, 369-78.	0.5	29
83	Synthesis and characterization of paclitaxel-imprinted nanoparticles for recognition and controlled release of an anticancer drug. <i>Journal of Materials Science</i> , 2014, 49, 6343-6352.	3.7	28
84	Thiolated carboxymethyl dextran as a nanocarrier for colon delivery of hSET1 antisense: In vitro stability and efficiency study. <i>Materials Science and Engineering C</i> , 2016, 62, 771-778.	7.3	28
85	Application of modelling and nanotechnology-based approaches: The emergence of breakthroughs in theranostics of central nervous system disorders. <i>Life Sciences</i> , 2017, 182, 93-103.	4.3	28
86	Prospects of siRNA applications in regenerative medicine. <i>International Journal of Pharmaceutics</i> , 2017, 524, 312-329.	5.2	28
87	Ignoring the modeling approaches: Towards the shadowy paths in nanomedicine. <i>Journal of Controlled Release</i> , 2018, 280, 58-75.	9.9	28
88	Tretinoin Loaded Nanoemulsion for Acne Vulgaris: Fabrication, Physicochemical and Clinical Efficacy Assessments. <i>Skin Pharmacology and Physiology</i> , 2018, 31, 316-323.	2.5	28
89	Bio-multifunctional noncovalent porphyrin functionalized carbon-based nanocomposite. <i>Scientific Reports</i> , 2021, 11, 6604.	3.3	28
90	Preparation, Characterization and Evaluation of Drug Release Properties of Simvastatin-loaded PLGA Microspheres. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 205-211.	0.5	28

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91	Healing Efficacy of an EGF Impregnated Triple Gel Based Wound Dressing: In Vitro and In Vivo Studies. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	27
92	Electrospun PLLA nanofiber scaffolds for bladder smooth muscle reconstruction. <i>International Urology and Nephrology</i> , 2016, 48, 1097-1104.	1.4	27
93	Formulation and in vitro evaluation of curcumin-lactoferrin conjugated nanostructures for cancerous cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 626-636.	2.8	27
94	The colorful world of carotenoids: a profound insight on therapeutics and recent trends in nano delivery systems. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 3658-3697.	10.3	27
95	Cationic Albumin- $\epsilon$ -Conjugated Chelating Agent as a Novel Brain Drug Delivery System in Neurodegeneration. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1203-1214.	3.2	26
96	Zn-rich (GaN) $\times$ (ZnO) $\times$ : a biomedical friend?. <i>New Journal of Chemistry</i> , 2021, 45, 4077-4089.	2.8	26
97	Optimization of chitosan-based polyelectrolyte nanoparticles for gene delivery, using design of experiment: in vitro and in vivo study. <i>Materials Science and Engineering C</i> , 2021, 118, 111036.	7.3	26
98	Human Serum Albumin Conjugates of 7-Ethyl-10-hydroxycamptothecin (SN38) for Cancer Treatment. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	25
99	Molecularly imprinted nanoparticles prepared by miniemulsion polymerization as a sorbent for selective extraction and purification of efavirenz from human serum and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 974, 1-8.	2.3	25
100	Potential application of liposomal nanodevices for non-cancer diseases: an update on design, characterization and biopharmaceutical evaluation. <i>Advances in Colloid and Interface Science</i> , 2020, 277, 102121.	14.7	25
101	S2P peptide-conjugated PLGA-Maleimide-PEG nanoparticles containing Imatinib for targeting drug delivery to atherosclerotic plaques. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 131-138.	2.0	25
102	Ex Vivo Evaluation of Insulin Nanoparticles Using Chitosan and Arabic Gum. <i>ISRN Pharmaceutics</i> , 2011, 2011, 1-6.	1.0	24
103	Nano-hydrogels of methoxy polyethylene glycol-grafted branched polyethyleneimine via biodegradable cross-linking of Zn <sup>2+</sup> -ionomer micelle template. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	24
104	Controlled-release drug delivery system based on fluocinolone acetonide- $\beta$ -cyclodextrin inclusion complex incorporated in multivesicular liposomes. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 775-781.	2.4	24
105	Linkers: The key elements for the creation of efficient nanotherapeutics. <i>Journal of Controlled Release</i> , 2018, 270, 260-267.	9.9	24
106	Co-delivery of gemcitabine prodrug along with anti NF- $\kappa$ B siRNA by tri-layer micelles can increase cytotoxicity, uptake and accumulation of the system in the cancers. <i>Materials Science and Engineering C</i> , 2020, 116, 111161.	7.3	23
107	An in situ hydrogel-forming scaffold loaded by PLGA microspheres containing carbon nanotube as a suitable niche for neural differentiation. <i>Materials Science and Engineering C</i> , 2021, 120, 111739.	7.3	23
108	Efficacy of topotecan nanoparticles for intravitreal chemotherapy of retinoblastoma. <i>Experimental Eye Research</i> , 2021, 204, 108423.	2.6	23

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109	Nanoparticulate fingolimod delivery system based on biodegradable poly (3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV): design, optimization, characterization and in-vitro evaluation. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 860-870.	2.4	22
110	Placenta-specific1 (PLAC1) is a potential target for antibody-drug conjugate-based prostate cancer immunotherapy. <i>Scientific Reports</i> , 2017, 7, 13373.	3.3	22
111	Trimethyl chitosan-hyaluronic acid nano-polyplexes for intravitreal VEGFR-2 siRNA delivery: Formulation and in vivo efficacy evaluation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 26, 102181.	3.3	22
112	Polyherbal combination for wound healing: <i>Matricaria chamomilla</i> L. and <i>Punica granatum</i> L.. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021, 29, 133-145.	2.0	22
113	Pharmaceutical strategic purchasing requirements in Iran: Price interventions and the related effective factors. <i>Journal of Research in Pharmacy Practice</i> , 2016, 5, 35.	0.7	22
114	Regulation of BAX/BCL2 gene expression in breast cancer cells by docetaxel-loaded human serum albumin nanoparticles. <i>Medical Oncology</i> , 2015, 32, 208.	2.5	21
115	Cell shape affects nanoparticle uptake and toxicity: An overlooked factor at the nanobio interfaces. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 245-252.	9.4	21
116	Molecular interaction of fibrinogen with zeolite nanoparticles. <i>Scientific Reports</i> , 2019, 9, 1558.	3.3	21
117	Cationic liposome decorated with cyclic RGD peptide for targeted delivery of anti-STAT3 siRNA to melanoma cancer cells. <i>Journal of Drug Targeting</i> , 2022, 30, 522-533.	4.4	21
118	Porphyrin Molecules Decorated on Metal-Organic Frameworks for Multi-Functional Biomedical Applications. <i>Biomolecules</i> , 2021, 11, 1714.	4.0	21
119	Synthesis and evaluation of uniformly sized carbamazepine-imprinted microspheres and nanospheres prepared with different mole ratios of methacrylic acid to methyl methacrylate for analytical and biomedical applications. <i>Journal of Applied Polymer Science</i> , 2012, 125, 1804-1813.	2.6	20
120	A new bifunctional hybrid nanostructure as an active platform for photothermal therapy and MR imaging. <i>Scientific Reports</i> , 2016, 6, 27847.	3.3	20
121	The endocannabinoid system and NGF are involved in the mechanism of action of resveratrol: a multi-target nutraceutical with therapeutic potential in neuropsychiatric disorders. <i>Psychopharmacology</i> , 2016, 233, 1087-1096.	3.1	20
122	Inhibiting hepatic gluconeogenesis by chitosan lactate nanoparticles containing CRTC2 siRNA targeted by poly(ethylene glycol)-glycyrhretinic acid. <i>Drug Delivery and Translational Research</i> , 2019, 9, 694-706.	5.8	20
123	Synthesis, and Characterization, and Evaluation of Cellular Effects of the FOL-PEG-g-PEI-GAL Nanoparticles as a Potential Non-Viral Vector for Gene Delivery. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-10.	2.7	19
124	cis-Dichlorodiamminoplatinum (II) glyconanoparticles by drug-induced ionic gelation technique targeted to prostate cancer: Preparation, optimization and in vitro characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 350-358.	5.0	19
125	Water-compatible molecularly imprinted polymer as a sorbent for the selective extraction and purification of adefovir from human serum and urine. <i>Journal of Separation Science</i> , 2015, 38, 1755-1762.	2.5	19
126	Targeted DNA delivery to cancer cells using a biotinylated chitosan carrier. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 423-432.	3.1	19



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127	In vitro and in vivo investigation of a novel amnioticâ€based chitosan dressing for wound healing. <i>Wound Repair and Regeneration</i> , 2018, 26, 87-101.	3.0	19
128	Novel Pt-Ag <sub>3</sub> PO <sub>4</sub> /CdS/Chitosan Nanocomposite with Enhanced Photocatalytic and Biological Activities. <i>Nanomaterials</i> , 2020, 10, 2320.	4.1	19
129	Resource allocation and purchasing arrangements to improve accessibility of medicines: Evidence from Iran. <i>Journal of Research in Pharmacy Practice</i> , 2015, 4, 9.	0.7	19
130	How health transformation plan was designed and implemented in the Islamic Republic of Iran?. <i>International Journal of Preventive Medicine</i> , 2020, 11, 121.	0.4	19
131	Thermoresponsive Drug Delivery Using Liquid Crystal-Embedded Cellulose Nitrate Membranes. <i>Drug Delivery</i> , 2006, 13, 345-350.	5.7	18
132	Synthetic and biological identities of polymeric nanoparticles influencing the cellular delivery: An immunological link. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 476-491.	9.4	18
133	Recent Developments of Nanostructures for the Ocular Delivery of Natural Compounds. <i>Frontiers in Chemistry</i> , 2022, 10, 850757.	3.6	18
134	A norepinephrine biosensor based on a glassy carbon electrode modified with carbon nanotubes. <i>Analytical Methods</i> , 2011, 3, 2406.	2.7	17
135	Polymeric micelles based on hyaluronic acid and phospholipids: Design, characterization, and cytotoxicity. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	17
136	Qualitative analysis of national documents on health care services and pharmaceuticals` purchasing challenges: evidence from Iran. <i>BMC Health Services Research</i> , 2018, 18, 410.	2.2	17
137	Nanostructured lipid carriers containing rapamycin for prevention of corneal fibroblasts proliferation and haze propagation after burn injuries: In vitro and in vivo. <i>Journal of Cellular Physiology</i> , 2019, 234, 4702-4712.	4.1	17
138	Preparation and Antibacterial Activity Evaluation of 18-Î²-glycyrrhetic Acid Loaded PLGA Nanoparticles. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 373-83.	0.5	17
139	Effect of Process Variables on Particle Size of Gelatin Microspheres Containing Lactic Acid. <i>Pharmaceutical Development and Technology</i> , 2005, 9, 291-299.	2.4	16
140	SN38-PEG-PLGA-verapamil nanoparticles inhibit proliferation and downregulate drug transporter ABCG2 gene expression in colorectal cancer cells. <i>Progress in Biomaterials</i> , 2017, 6, 137-145.	4.5	16
141	Preparation and comparison of chitosan nanoparticles with different degrees of glutathione thiolation. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2011, 19, 367-75.	2.0	16
142	SN38 loaded nanostructured lipid carriers (NLCs); preparation and in vitro evaluations against glioblastoma. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 78.	3.6	15
143	Investigation of chromatography and polymer/salt aqueous two-phase processes for downstream processing development of recombinant phenylalanine dehydrogenase. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 317-329.	3.4	14
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