

# Fatemeh Atyabi

## List of Publications by Year in descending order

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Version: 2024-02-01

290  
papers

13,878  
citations

20036

63  
h-index

43601

95  
g-index

296  
all docs

296  
docs citations

296  
times ranked

19984  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.1	21
2	Development of a T Cell-targeted siRNA Delivery System Against HIV-1 Using Modified Superparamagnetic Iron Oxide Nanoparticles: An In Vitro Study. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 1463-1469.	1.6	5
3	The quest for a better fight: How can nanomaterials address the current therapeutic and diagnostic obstacles in the fight against COVID-19?. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102899.	1.4	3
4	Silk Fibroin Nanoparticles Functionalized with Fibronectin for Release of Vascular Endothelial Growth Factor to Enhance Angiogenesis. <i>Journal of Natural Fibers</i> , 2022, 19, 9223-9234.	1.7	4
5	Comparison of three synthetic transferrin mimetic small peptides to promote the blood-brain barrier penetration of vincristine liposomes for improved glioma targeted therapy. <i>International Journal of Pharmaceutics</i> , 2022, 613, 121395.	2.6	24
6	Biodistribution of Cy5-labeled Thiolated and Methylated Chitosan-Carboxymethyl Dextran Nanoparticles in an Animal Model of Retinoblastoma. <i>Journal of Ophthalmic and Vision Research</i> , 2022, 17, 58-68.	0.7	7
7	Transferrin decorated-nanostructured lipid carriers (NLCs) are a promising delivery system for rapamycin in Alzheimer's disease: An in vivo study. , 2022, 137, 212827.		3
8	Trimethyl-Chitosan Coated Gold Nanoparticles Enhance Delivery, Cellular Uptake and Gene Silencing Effect of EGFR-siRNA in Breast Cancer Cells. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 871541.	1.6	13
9	Transferrin receptor-mediated liposomal drug delivery: recent trends in targeted therapy of cancer. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 685-705.	2.4	13
10	Immobilization of carboxymethyl chitosan/laponite on polycaprolactone nanofibers as osteoinductive bone scaffolds. <i>Polymers for Advanced Technologies</i> , 2021, 32, 755-765.	1.6	25
11	Conductive Biomaterials as Substrates for Neural Stem Cells Differentiation towards Neuronal Lineage Cells. <i>Macromolecular Bioscience</i> , 2021, 21, e2000123.	2.1	34
12	Combined inhibition of CD73 and ZEB1 by Arg-Gly-Asp (RGD)-targeted nanoparticles inhibits tumor growth. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111421.	2.5	18
13	Inhibition of HIF-1 $\alpha$ /EP4 axis by hyaluronate-trimethyl chitosan-SPION nanoparticles markedly suppresses the growth and development of cancer cells. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 1006-1019.	3.6	32
14	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.	2.0	53
15	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.	3.8	23
16	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.	2.6	40
17	Glutamate-urea-based PSMA-targeted PLGA nanoparticles for prostate cancer delivery of docetaxel. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 381-389.	1.1	11
18	Biocompatibility improvement of artificial cornea using chitosan-dextran nanoparticles containing bioactive macromolecules obtained from human amniotic membrane. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 492-499.	3.6	8

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19	Efficacy of topotecan nanoparticles for intravitreal chemotherapy of retinoblastoma. <i>Experimental Eye Research</i> , 2021, 204, 108423.	1.2	23
20	Morphological and molecular characteristics of spheroid formation in HT-29 and Caco-2 colorectal cancer cell lines. <i>Cancer Cell International</i> , 2021, 21, 204.	1.8	41
21	Immobilization of cobalt-loaded laponite/carboxymethyl chitosan on polycaprolactone nanofiber for improving osteogenesis and angiogenesis activities. <i>Polymers for Advanced Technologies</i> , 2021, 32, 4362-4372.	1.6	7
22	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.	3.8	26
23	Dual drug delivery system based on pH-sensitive silk fibroin/alginate nanoparticles entrapped in PNIPAM hydrogel for treating severe infected burn wound. <i>Biofabrication</i> , 2021, 13, 015005.	3.7	49
24	Cellulose-Based Nanofibril Composite Materials as a New Approach to Fight Bacterial Infections. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 732461.	2.0	13
25	Brain targeted delivery of rapamycin using transferrin decorated nanostructured lipid carriers. <i>BioImpacts</i> , 2021, 12, 21-32.	0.7	5
26	Fabrication of Silk Scaffold Containing Simvastatin-Loaded Silk Fibroin Nanoparticles for Regenerating Bone Defects. <i>Iranian Biomedical Journal</i> , 2021, , .	0.4	0
27	Design and fabrication of dual-targeted delivery system based on gemcitabine-conjugated human serum albumin nanoparticles. <i>Chemical Biology and Drug Design</i> , 2020, 96, 745-757.	1.5	8
28	Vancomycin loaded halloysite nanotubes embedded in silk fibroin hydrogel applicable for bone tissue engineering. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 32-43.	1.8	33
29	Clinical applications of nanomedicine in cancer therapy. <i>Drug Discovery Today</i> , 2020, 25, 107-125.	3.2	74
30	Immobilization of HIV-1 TAT peptide on gold nanoparticles: A feasible approach for siRNA delivery. <i>Journal of Cellular Physiology</i> , 2020, 235, 2049-2059.	2.0	20
31	Blockage of immune checkpoint molecules increases T cell priming potential of dendritic cell vaccine. <i>Immunology</i> , 2020, 159, 75-87.	2.0	67
32	Graphene aerogel nanoparticles for in-situ loading/pH sensitive releasing anticancer drugs. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110712.	2.5	52
33	Agarose-based biomaterials for advanced drug delivery. <i>Journal of Controlled Release</i> , 2020, 326, 523-543.	4.8	134
34	Silencing of IL-6 and STAT3 by siRNA loaded hyaluronate-N,N,N-trimethyl chitosan nanoparticles potently reduces cancer cell progression. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 487-500.	3.6	56
35	Inhibition of CD73 using folate targeted nanoparticles carrying anti-CD73 siRNA potentiates anticancer efficacy of Dinaciclib. <i>Life Sciences</i> , 2020, 259, 118150.	2.0	22
36	Coinhibition of S1PR1 and GP130 by siRNA-loaded alginate-conjugated trimethyl chitosan nanoparticles robustly blocks development of cancer cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 9702-9717.	2.0	19

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37	Concomitant blockade of A2AR and CTLA-4 by siRNA-loaded polyethylene glycol-chitosan-alginate nanoparticles synergistically enhances antitumor T-cell responses. <i>Journal of Cellular Physiology</i> , 2020, 235, 10068-10080.	2.0	30
38	Silencing adenosine A2a receptor enhances dendritic cell-based cancer immunotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102240.	1.7	23
39	Silencing of HIF-1 $\alpha$ /CD73 axis by siRNA-loaded TAT-chitosan-spion nanoparticles robustly blocks cancer cell progression. <i>European Journal of Pharmacology</i> , 2020, 882, 173235.	1.7	48
40	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.	3.8	23
41	Controlling evolution of protein corona: a prosperous approach to improve chitosan-based nanoparticle biodistribution and half-life. <i>Scientific Reports</i> , 2020, 10, 9664.	1.6	77
42	Blockade of CTLA-4 increases anti-tumor response inducing potential of dendritic cell vaccine. <i>Journal of Controlled Release</i> , 2020, 326, 63-74.	4.8	56
43	Peptide-conjugated liposomes for targeted miR-34a delivery to suppress breast cancer and cancer stem-like population. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101687.	1.4	21
44	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.	1.7	22
45	Silencing of p68 and STAT3 synergistically diminishes cancer progression. <i>Life Sciences</i> , 2020, 249, 117499.	2.0	31
46	Targeting Tumorigenicity of Breast Cancer Stem Cells Using SAHA/Wnt-b Catenin Antagonist Loaded Onto Protein Corona of Gold Nanoparticles. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4063-4078.	3.3	25
47	Bilayer Cylindrical Conduit Consisting of Electrospun Polycaprolactone Nanofibers and DSC Cross-Linked Sodium Alginate Hydrogel to Bridge Peripheral Nerve Gaps. <i>Macromolecular Bioscience</i> , 2020, 20, e2000149.	2.1	26
48	Functionalized silk fibroin nanofibers as drug carriers: Advantages and challenges. <i>Journal of Controlled Release</i> , 2020, 321, 324-347.	4.8	125
49	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.	0.9	25
50	Codelivery of STAT3 siRNA and BV6 by carboxymethyl dextran trimethyl chitosan nanoparticles suppresses cancer cell progression. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119236.	2.6	50
51	Amphiphilic hyperbranched polyester coated rod mesoporous silica nanoparticles for pH-responsive doxorubicin delivery. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 171-180.	0.9	11
52	Design of Experiment, Preparation, and in vitro Biological Assessment of Human Amniotic Membrane Extract Loaded Nanoparticles. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 256-267.	0.9	10
53	The Effect of Fibronectin Coating on Protein Corona Structure and Cellular Uptake of Single-Walled Carbon Nanotubes. <i>Precision Nanomedicine</i> , 2020, 3, 459-470.	0.4	1
54	Appropriate Scaffold Selection for CNS Tissue Engineering. <i>Avicenna Journal of Medical Biotechnology</i> , 2020, 12, 203-220.	0.2	2

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55	Mucoadhesive hydrogels for buccal drug delivery: In vitro-in vivo correlation study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 498-505.	2.0	44
56	Functionalized theranostic nanocarriers with bio-inspired polydopamine for tumor imaging and chemo-photothermal therapy. <i>Journal of Controlled Release</i> , 2019, 309, 203-219.	4.8	107
57	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.	5.0	18
58	Enhancement mitochondrial apoptosis in breast cancer cells by paclitaxel-triphenylphosphonium conjugate in DNA aptamer modified nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101228.	1.4	3
59	Carboxymethyl dextran-trimethyl chitosan coated superparamagnetic iron oxide nanoparticles: An effective siRNA delivery system for HIV-1 Nef. <i>Journal of Cellular Physiology</i> , 2019, 234, 20554-20565.	2.0	34
60	<sup>68</sup> Ga-radiolabeled bombesin-conjugated to trimethyl chitosan-coated superparamagnetic nanoparticles for molecular imaging: preparation, characterization and biological evaluation. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2591-2605.	3.3	46
61	The significance of artificial intelligence in drug delivery system design. <i>Advanced Drug Delivery Reviews</i> , 2019, 151-152, 169-190.	6.6	140
62	Mesenchymal stem cell exosomes: a two-edged sword in cancer therapy. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2847-2859.	3.3	184
63	Laser irradiation affects the biological identity and cellular uptake of plasmonic nanoparticles. <i>Nanoscale</i> , 2019, 11, 5974-5981.	2.8	8
64	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.	3.0	20
65	Silk fibroin scaffolds for common cartilage injuries: Possibilities for future clinical applications. <i>European Polymer Journal</i> , 2019, 115, 251-267.	2.6	71
66	Downregulation of A2AR by siRNA loaded PEG-chitosan-lactate nanoparticles restores the T cell mediated anti-tumor responses through blockage of PKA/CREB signaling pathway. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 436-445.	3.6	58
67	Optimization of chitosan nanoparticles as an anti-HIV siRNA delivery vehicle. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 305-315.	3.6	49
68	Gold nanorods reinforced silk fibroin nanocomposite for peripheral nerve tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 1034-1039.	3.6	31
69	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.	2.0	17
70	New insights into designing hybrid nanoparticles for lung cancer: Diagnosis and treatment. <i>Journal of Controlled Release</i> , 2019, 295, 250-267.	4.8	119
71	The bio-interface between functionalized Au NR@GO nanoplatfoms with protein corona and their impact on delivery and release system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 891-898.	2.5	30
72	Application of microfluidic systems for neural differentiation of cells. <i>Precision Nanomedicine</i> , 2019, 2, 370-381.	0.4	4

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73	Anti-Mucin1 Aptamer-Conjugated Chitosan Nanoparticles for Targeted Co-Delivery of Docetaxel and IGF-1R siRNA to SKBR3 Metastatic Breast Cancer Cells. <i>Iranian Biomedical Journal</i> , 2019, 23, 21-33.	0.4	9
74	Biomolecular Corona Dictates $\text{A}\beta^2$ Fibrillation Process. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1725-1734.	1.7	23
75	Hypoxia-inducible bidirectional shRNA expression vector delivery using PEI/chitosan-TBA copolymers for colorectal Cancer gene therapy. <i>Life Sciences</i> , 2018, 202, 140-151.	2.0	22
76	siRNA delivery for treatment of degenerative diseases, new hopes and challenges. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 45, 428-441.	1.4	21
77	Tissue engineering: Still facing a long way ahead. <i>Journal of Controlled Release</i> , 2018, 279, 181-197.	4.8	34
78	Ignoring the modeling approaches: Towards the shadowy paths in nanomedicine. <i>Journal of Controlled Release</i> , 2018, 280, 58-75.	4.8	28
79	Formulation and in vitro evaluation of curcumin-lactoferrin conjugated nanostructures for cancerous cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 626-636.	1.9	27
80	Inhibiting influenza virus replication and inducing protection against lethal influenza virus challenge through chitosan nanoparticles loaded by siRNA. <i>Drug Delivery and Translational Research</i> , 2018, 8, 12-20.	3.0	32
81	Chitosan and thiolated chitosan: Novel therapeutic approach for preventing corneal haze after chemical injuries. <i>Carbohydrate Polymers</i> , 2018, 179, 42-49.	5.1	32
82	Silk fibroin/hydroxyapatite composites for bone tissue engineering. <i>Biotechnology Advances</i> , 2018, 36, 68-91.	6.0	320
83	Linkers: The key elements for the creation of efficient nanotherapeutics. <i>Journal of Controlled Release</i> , 2018, 270, 260-267.	4.8	24
84	Cationic graphene oxide nanoplateform mediates miR-101 delivery to promote apoptosis by regulating autophagy and stress. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5865-5886.	3.3	29
85	In situ gelling and mucoadhesive polymers: why do they need each other?. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 1007-1019.	2.4	70
86	Simultaneous formulation of influenza vaccine and chitosan nanoparticles within CpG oligodeoxynucleotides leads to dose-sparing and protects against lethal challenge in the mouse model. <i>Pathogens and Disease</i> , 2018, 76, .	0.8	8
87	Glyceryl ester surfactants: Promising excipients to enhance the cell permeating properties of SEDDS. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 129, 154-161.	2.0	10
88	Preparation of a Codelivery System Based on Vancomycin/Silk Scaffold Containing Silk Nanoparticle Loaded VEGF. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2836-2846.	2.6	36
89	Dual drug delivery system of PLGA nanoparticles to reverse drug resistance by altering BAX/Bcl-2. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 291-298.	1.4	9
90	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.	5.0	21

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91	Anti-angiogenic effects of CD73-specific siRNA-loaded nanoparticles in breast cancer-bearing mice. <i>Journal of Cellular Physiology</i> , 2018, 233, 7165-7177.	2.0	56
92	Overview of Silk Fibroin Use in Wound Dressings. <i>Trends in Biotechnology</i> , 2018, 36, 907-922.	4.9	330
93	Glutathione responsive chitosan-thiolated dextran conjugated miR-145 nanoparticles targeted with AS1411 aptamer for cancer treatment. <i>Carbohydrate Polymers</i> , 2018, 201, 131-140.	5.1	42
94	Corneal chemical burn treatment through a delivery system consisting of TGF- $\beta$ 1 siRNA: in vitro and in vivo. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1127-1138.	3.0	15
95	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.	1.7	54
96	Ferulic acid-loaded nanostructured lipid carriers: A promising nanoformulation against the ischemic neural injuries. <i>Life Sciences</i> , 2018, 193, 64-76.	2.0	56
97	Nanoencapsulation: A Promising Strategy for Biomedical Applications of Ferulic Acid. <i>Biomedical Reviews</i> , 2018, 28, 22.	0.6	5
98	Targeted Co-Delivery of Docetaxel and cMET siRNA for Treatment of Mucin1 Overexpressing Breast Cancer Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 383-393.	0.6	22
99	Application of polycaprolactone nanofibers as patch graft in ophthalmology. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 225-228.	0.5	1
100	Preparation and Characterization of Nanoparticle $\beta$ -Cyclodextrin:Geraniol Inclusion Complexes. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 39-51.	0.3	15
101	Application of polycaprolactone nanofibers as patch graft in ophthalmology. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 225.	0.5	5
102	Biotin decorated PLGA nanoparticles containing SN-38 designed for cancer therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 495-504.	1.9	45
103	The impact of the codelivery of drug-siRNA by trimethyl chitosan nanoparticles on the efficacy of chemotherapy for metastatic breast cancer cell line (MDA-MB-231). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 889-896.	1.9	34
104	Sustainable Release of Vancomycin from Silk Fibroin Nanoparticles for Treating Severe Bone Infection in Rat Tibia Osteomyelitis Model. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 5128-5138.	4.0	135
105	Application of carbon nanotubes as the carriers of the cannabinoid, 2-arachidonoylglycerol: Towards a novel treatment strategy in colitis. <i>Life Sciences</i> , 2017, 179, 66-72.	2.0	34
106	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.	2.6	44
107	Nano polyelectrolyte complexes of carboxymethyl dextran and chitosan to improve chitosan-mediated delivery of miR-145. <i>Carbohydrate Polymers</i> , 2017, 159, 66-75.	5.1	36
108	Interleukin-6 participation in pathology of ocular diseases. <i>Pathophysiology</i> , 2017, 24, 123-131.	1.0	50

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109	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.	2.0	28
110	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.	3.8	29
111	Prospects of siRNA applications in regenerative medicine. <i>International Journal of Pharmaceutics</i> , 2017, 524, 312-329.	2.6	28
112	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.	2.0	41
113	Efficient gene delivery to primary human retinal pigment epithelial cells: The innate and acquired properties of vectors. <i>International Journal of Pharmaceutics</i> , 2017, 518, 66-79.	2.6	4
114	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.	2.6	54
115	CD73 specific siRNA loaded chitosan lactate nanoparticles potentiate the antitumor effect of a dendritic cell vaccine in 4T1 breast cancer bearing mice. <i>Journal of Controlled Release</i> , 2017, 246, 46-59.	4.8	142
116	Targeted Delivery System Based on Gemcitabine-Loaded Silk Fibroin Nanoparticles for Lung Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 31600-31611.	4.0	86
117	Sensing of Alzheimer's Disease and Multiple Sclerosis Using Nano-Bio Interfaces. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1187-1202.	1.2	38
118	Transferrin-conjugated magnetic dextran-spermine nanoparticles for targeted drug transport across blood-brain barrier. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2851-2864.	2.1	94
119	Formulation and evaluation of targeted nanoparticles for breast cancer theranostic system. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 97, 47-54.	1.9	23
120	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.	2.0	49
121	Solid lipid nanoparticles surface modified with anti-Contactin-2 or anti-Neurofascin for brain-targeted delivery of medicines. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 426-435.	1.1	30
122	Prospects of peripheral nerve tissue engineering using nerve guide conduits based on silk fibroin protein and other biopolymers. <i>International Materials Reviews</i> , 2017, 62, 367-391.	9.4	62
123	Exosomal microRNAs as potential circulating biomarkers in gastrointestinal tract cancers: a systematic review protocol. <i>Systematic Reviews</i> , 2017, 6, 228.	2.5	9
124	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.	0.9	29
125	Combination therapy of macromolecules and small molecules: approaches, advantages, and limitations. , 2017, , 541-561.		6
126	Application of Carbon Nanotubes for Controlled Release of Growth Factors or Endocannabinoids: A Breakthrough in Biomedicine. <i>Biomedical Reviews</i> , 2017, 27, 41.	0.6	12



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127	Creation of Nanorobots: Both State-of-the-Science and State-of-the-Art. <i>Biomedical Reviews</i> , 2017, 27, 19.	0.6	11
128	Targeted Delivery of Cabazitaxel by Conjugation to Albumin-PEG-folate Nanoparticles Using a Cysteine-acrylate Linker and Simple Synthesis Conditions. <i>Current Drug Delivery</i> , 2017, 14, 1120-1129.	0.8	8
129	Assessment of Magnetic Dextran-Spermine Nanoparticles for Capecitabine Delivery to Cancerous Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 1320-1334.	0.3	14
130	Pharmacokinetics and bioavailability of three promising tilmicosin-loaded lipid nanoparticles in comparison with tilmicosin phosphate following oral administration in broiler chickens. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2016, 40, 540-547.	0.2	5
131	Enhanced Cytotoxicity to Cancer Cells by Codelivery and Controlled Release of Paclitaxel-Loaded Sirolimus-Conjugated Albumin Nanoparticles. <i>Chemical Biology and Drug Design</i> , 2016, 88, 230-240.	1.5	10
132	Co-delivery of IL17RB siRNA and doxorubicin by chitosan-based nanoparticles for enhanced anticancer efficacy in breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 229-240.	2.5	72
133	A hybrid microfluidic system for regulation of neural differentiation in induced pluripotent stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1534-1543.	2.1	30
134	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.	0.9	29
135	Docetaxel- <sup>64</sup> Chitosan nanoparticles for breast cancer treatment: cell viability and gene expression study. <i>Chemical Biology and Drug Design</i> , 2016, 88, 850-858.	1.5	32
136	Effects of HMGA2 siRNA and doxorubicin dual delivery by chitosan nanoparticles on cytotoxicity and gene expression of HT-29 colorectal cancer cell line. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 1119-1130.	1.2	60
137	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.	2.6	40
138	Fluorescence properties of several chemotherapy drugs: doxorubicin, paclitaxel and bleomycin. <i>Biomedical Optics Express</i> , 2016, 7, 2400.	1.5	129
139	Self assembled hyaluronic acid nanoparticles as a potential carrier for targeting the inflamed intestinal mucosa. <i>Carbohydrate Polymers</i> , 2016, 144, 371-381.	5.1	100
140	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.	1.5	20
141	In vivo drug delivery of gemcitabine with PEGylated single-walled carbon nanotubes. <i>Materials Science and Engineering C</i> , 2016, 62, 614-625.	3.8	85
142	Importance of dual delivery systems for bone tissue engineering. <i>Journal of Controlled Release</i> , 2016, 225, 152-169.	4.8	146
143	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.	1.5	45
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