

# Abolfazl Akbarzadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

221  
papers

16,109  
citations

32410

55  
h-index

21843

118  
g-index

236  
all docs

236  
docs citations

236  
times ranked

24080  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomedical Applications of Functionalized Gold Nanoparticles: A Review. <i>Journal of Cluster Science</i> , 2022, 33, 1-16.	1.7	115
2	Comparison Between $\beta$ -Cyclodextrin-Amygdalin Nanoparticle and Amygdalin Effects on Migration and Apoptosis of MCF-7 Breast Cancer Cell Line. <i>Journal of Cluster Science</i> , 2022, 33, 935-947.	1.7	5
3	Co-Loading of Cisplatin and Methotrexate in Nanoparticle-Based PCL-PEG System Enhances Lung Cancer Chemotherapy Effects. <i>Journal of Cluster Science</i> , 2022, 33, 1751-1762.	1.7	14
4	Anticancer Effect of Alginate-chitosan Hydrogel Loaded with Curcumin and Chrysin on Lung and Breast Cancer Cell Lines. <i>Current Drug Delivery</i> , 2022, 19, 600-613.	0.8	15
5	Nanomaterials for photothermal and photodynamic cancer therapy. <i>Applied Physics Reviews</i> , 2022, 9, .	5.5	50
6	Biodegradable functional macromolecules as promising scaffolds for cardiac tissue engineering. <i>Polymers for Advanced Technologies</i> , 2022, 33, 2044-2068.	1.6	11
7	The genus <i>Perovskia</i> Kar.: ethnobotany, chemotaxonomy and phytochemistry: a review. <i>Toxin Reviews</i> , 2021, 40, 484-505.	1.5	36
8	Targeted nanomedicines for the treatment of bone disease and regeneration. <i>Medicinal Research Reviews</i> , 2021, 41, 1221-1254.	5.0	18
9	Dual drug delivery of trapoxin A and methotrexate from biocompatible PLGA-PEG polymeric nanoparticles enhanced antitumor activity in breast cancer cell line. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102294.	1.4	22
10	An improved method in fabrication of smart dual-responsive nanogels for controlled release of doxorubicin and curcumin in HT-29 colon cancer cells. <i>Journal of Nanobiotechnology</i> , 2021, 19, 18.	4.2	55
11	Pathophysiological Effects of Sulfur Mustard on Skin and its Current Treatments: Possible Application of Phytochemicals. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 3-19.	0.6	4
12	Multifunctional hydrogels for wound healing: Special focus on biomacromolecular based hydrogels. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 728-750.	3.6	151
13	Hepatic cell-sheet fabrication of differentiated mesenchymal stem cells using decellularized extracellular matrix and thermoresponsive polymer. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111096.	2.5	15
14	An overview on nanoparticles used in biomedicine and their cytotoxicity. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102316.	1.4	71
15	Applications of Dendrimers in Nanomedicine and Drug Delivery: A Review. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 2246-2261.	1.9	68
16	Histopathological assessment of nano n-acetyl cysteine effect on postoperative adhesion in rats. <i>Iraqi Journal of Veterinary Sciences</i> , 2021, 35, 589-597.	0.1	0
17	Natural and Synthetic Bioinks for 3D Bioprinting. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000097.	1.7	60
18	Psychometric properties of the Persian version of the weight-related experiential avoidance (AAQW): overweight and obese treatment seeker at the clinical setting. <i>BMC Psychiatry</i> , 2021, 21, 335.	1.1	0

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19	An insight into the solvatochromic and photophysical behaviours of biowaste-origin carbon nanodots. <i>Journal of Molecular Liquids</i> , 2021, 336, 116360.	2.3	8
20	Prominent Prognostic Factors in Aggressive Breast Cancer: A Review. <i>International Journal of Cancer Management</i> , 2021, 14, .	0.2	0
21	Design and fabrication of M-SAPO-34/chitosan scaffolds and evaluation of their effects on dental tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 281-295.	3.6	8
22	Solvent effect on the absorption and emission spectra of carbon dots: evaluation of ground and excited state dipole moment. <i>BMC Chemistry</i> , 2021, 15, 53.	1.6	19
23	Recent advances in honey-based hydrogels for wound healing applications: Towards natural therapeutics. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102789.	1.4	21
24	Electrospun polyurethane/poly ( $\epsilon$ -caprolactone) nanofibers promoted the attachment and growth of human endothelial cells in static and dynamic culture conditions. <i>Microvascular Research</i> , 2021, 133, 104073.	1.1	21
25	A novel multifunctional bilayer scaffold based on chitosan nanofiber/alginate-gelatin methacrylate hydrogel for full-thickness wound healing. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 734-747.	3.6	30
26	Optical plasmonic star-shaped nanoprobe for intracellular sensing and imaging. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	1.5	2
27	Common biocompatible polymeric materials for tissue engineering and regenerative medicine. <i>Materials Chemistry and Physics</i> , 2020, 242, 122528.	2.0	69
28	Lysine-embedded cellulose-based nanosystem for efficient dual-delivery of chemotherapeutics in combination cancer therapy. <i>Carbohydrate Polymers</i> , 2020, 250, 116861.	5.1	25
29	An overview of various treatment strategies, especially tissue engineering for damaged articular cartilage. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 1089-1104.	1.9	30
30	Antibacterial and antifungal impacts of combined silver, zinc oxide, and chitosan nanoparticles within tissue conditioners of complete dentures in vitro. <i>Irish Journal of Medical Science</i> , 2020, 189, 1343-1350.	0.8	10
31	In vitro evaluation of Zeolite-nHA blended PCL/PLA nanofibers for dental tissue engineering. <i>Materials Chemistry and Physics</i> , 2020, 252, 123152.	2.0	70
32	Alginate-based hydrogels as drug delivery vehicles in cancer treatment and their applications in wound dressing and 3D bioprinting. <i>Journal of Biological Engineering</i> , 2020, 14, 8.	2.0	242
33	Preparation and characterization of novel anti-inflammatory biological agents based on piroxicam-loaded poly( $\epsilon$ -caprolactone) nano-particles for sustained NSAID delivery. <i>Drug Delivery</i> , 2020, 27, 269-282.	2.5	21
34	An update on the toxicity of cyanogenic glycosides bioactive compounds: Possible clinical application in targeted cancer therapy. <i>Materials Chemistry and Physics</i> , 2020, 246, 122841.	2.0	26
35	Nanomaterial integration into the scaffolding materials for nerve tissue engineering: a review. <i>Reviews in the Neurosciences</i> , 2020, 31, 843-872.	1.4	16
36	Towards osteogenic differentiation of human dental pulp stem cells on PCL-PEG-PCL/zeolite nanofibrous scaffolds. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 3431-3437.	1.9	27

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37	Tailoring synthetic polymeric biomaterials towards nerve tissue engineering: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 3524-3539.	1.9	85
38	Synthesis and characterization of dual pH-and thermo-responsive graphene-based nanocarrier for effective anticancer drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101158.	1.4	18
39	Evaluation of antibacterial and antifungal properties of a tissue conditioner used in complete dentures after incorporation of ZnO-Ag nanoparticles. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2019, 13, 11-18.	0.4	11
40	Electrospun nanofibers for the fabrication of engineered vascular grafts. <i>Journal of Biological Engineering</i> , 2019, 13, 83.	2.0	35
41	<p>Would Colloidal Gold Nanocarriers Present An Effective Diagnosis Or Treatment For Ischemic Stroke?</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 8013-8031.	3.3	127
42	An update on advances in new developing DNA conjugation diagnostics and ultra-resolution imaging technologies: Possible applications in medical and biotechnological utilities. <i>Biosensors and Bioelectronics</i> , 2019, 144, 111633.	5.3	11
43	Synthesis and characterization of PEG-functionalized graphene oxide as an effective pH-sensitive drug carrier. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 90-94.	1.9	63
44	Stimuli-responsive polyvinylpyrrolidone-NIPPA-m-lysine graphene oxide nano-hybrid as an anticancer drug delivery on MCF7 cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 443-454.	1.9	17
45	Spotlight on 17AAG as an Hsp90 inhibitor for molecular targeted cancer treatment. <i>Chemical Biology and Drug Design</i> , 2019, 93, 760-786.	1.5	66
46	The effect of chrysin-curcumin-loaded nanofibres on the wound-healing process in male rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1642-1652.	1.9	49
47	The use of stromal vascular fraction (SVF), platelet-rich plasma (PRP) and stem cells in the treatment of osteoarthritis: an overview of clinical trials. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 882-890.	1.9	47
48	Development and characterization of a novel conductive polyaniline-g-polystyrene/Fe <sub>3</sub> O <sub>4</sub> nanocomposite for the treatment of cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 873-881.	1.9	13
49	Synthesis and characterisation of iron oxide nanoparticles conjugated with epidermal growth factor receptor (EGFR) monoclonal antibody as MRI contrast agent for cancer detection. <i>IET Nanobiotechnology</i> , 2019, 13, 400-406.	1.9	21
50	An overview of advanced biocompatible and biomimetic materials for creation of replacement structures in the musculoskeletal systems: focusing on cartilage tissue engineering. <i>Journal of Biological Engineering</i> , 2019, 13, 85.	2.0	76
51	The genus <i>Ferula</i> : Ethnobotany, phytochemistry and bioactivities – A review. <i>Industrial Crops and Products</i> , 2019, 129, 350-394.	2.5	97
52	Recent Advances of Gold Nanoparticles in Biomedical Applications: State of the Art. <i>Cell Biochemistry and Biophysics</i> , 2019, 77, 123-137.	0.9	95
53	17-Allylamino-17-demethoxygeldanamycin loaded PCL/PEG nanofibrous scaffold for effective growth inhibition of T47D breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 162-168.	1.4	36
54	Three-Dimensional Graphene Foams: Synthesis, Properties, Biocompatibility, Biodegradability, and Applications in Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 193-214.	2.6	121

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55	State-of-the-Art and Trends in Synthesis, Properties, and Application of Quantum Dots-Based Nanomaterials. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800302.	1.2	27
56	Fabrication and in Vitro Evaluation of Nanocomposite Hydrogel Scaffolds Based on Gelatin/PCL-PEG-PCL for Cartilage Tissue Engineering. <i>ACS Omega</i> , 2019, 4, 449-457.	1.6	58
57	Therapeutic efficacy of nanocompounds in the treatment of cystic and alveolar echinococcoses: challenges and future prospects. <i>Parasitology Research</i> , 2019, 118, 2455-2466.	0.6	13
58	Ethnobotany and Phytochemistry of the genus <i>Eremostachys</i> Bunge. <i>Current Organic Chemistry</i> , 2019, 23, 1828-1842.	0.9	20
59	Effect of green GO/Au nanocomposite on in vitro amplification of human DNA. <i>IET Nanobiotechnology</i> , 2019, 13, 887-890.	1.9	3
60	Effect of cerebral dopamine neurotrophic factor on endogenous neural progenitor cell migration in a rat model of Parkinson's disease. <i>EXCLI Journal</i> , 2019, 18, 139-153.	0.5	9
61	Significant role of cationic polymers in drug delivery systems. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-20.	1.9	40
62	Synthesis, characterization and in vitro evaluation of magnetic nanoparticles modified with PCL-PEG-PCL for controlled delivery of 5FU. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 938-945.	1.9	44
63	Reversion of Multidrug Resistance by Co-Encapsulation of Doxorubicin and Metformin in Poly(lactide-co-glycolide)-d- $\alpha$ -tocopheryl Polyethylene Glycol 1000 Succinate Nanoparticles. <i>Pharmaceutical Research</i> , 2018, 35, 119.	1.7	64
64	Targeted cancer therapy through 17-DMAG as an Hsp90 inhibitor: Overview and current state of the art. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 608-617.	2.5	82
65	DNA repair mechanisms in response to genotoxicity of warfare agent sulfur mustard. <i>Environmental Toxicology and Pharmacology</i> , 2018, 58, 230-236.	2.0	10
66	Neurotrophic factors hold promise for the future of Parkinson's disease treatment: is there a light at the end of the tunnel?. <i>Reviews in the Neurosciences</i> , 2018, 29, 475-489.	1.4	44
67	The role of microRNAs and nanoparticles in ovarian cancer: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 241-247.	1.9	36
68	An overview application of silver nanoparticles in inhibition of herpes simplex virus. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 263-267.	1.9	49
69	Assessment of tricalcium phosphate/collagen (TCP/collagene)nanocomposite scaffold compared with hydroxyapatite (HA) on healing of segmental femur bone defect in rabbits. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 242-249.	1.9	23
70	Gold nanoparticles applications: from artificial enzyme till drug delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 250-254.	1.9	37
71	Enhancing cisplatin delivery to hepatocellular carcinoma HepG2 cells using dual sensitive smart nanocomposite. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 949-958.	1.9	22
72	Recent advances on biomedical applications of scaffolds in wound healing and dermal tissue engineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 691-705.	1.9	162

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73	Nanocomposite hydrogels for cartilage tissue engineering: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 465-471.	1.9	91
74	Development and characterization dual responsive magnetic nanocomposites for targeted drug delivery systems. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1052-1063.	1.9	15
75	Development of Novel Doxorubicin Loaded Biodegradable Polymeric Nanofibers as the Anticancer Drug Delivery Systems. <i>BioNanoScience</i> , 2018, 8, 60-66.	1.5	5
76	Magnetic carbon nanotubes: preparation, physical properties, and applications in biomedicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1314-1330.	1.9	58
77	Carbon quantum dots: recent progresses on synthesis, surface modification and applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1331-1348.	1.9	149
78	Enhancement of anticancer activity by silibinin and paclitaxel combination on the ovarian cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1483-1487.	1.9	44
79	pH- and thermo-sensitive MTX-loaded magnetic nanocomposites: synthesis, characterization, and <i>in vitro</i> studies on A549 lung cancer cell and MR imaging. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 452-462.	0.9	34
80	Histopathological evaluation of polycaprolactone nanocomposite compared with tricalcium phosphate in bone healing. <i>Journal of Veterinary Research (Poland)</i> , 2018, 62, 385-394.	0.3	12
81	Biomedical applications of aluminium oxide nanoparticles. <i>Micro and Nano Letters</i> , 2018, 13, 1227-1231.	0.6	59
82	Antibacterial and antifungal effects of chitosan nanoparticles on tissue conditioners of complete dentures. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 881-885.	3.6	52
83	17-DMAG-loaded nanofibrous scaffold for effective growth inhibition of lung cancer cells through targeting HSP90 gene expression. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 1026-1032.	2.5	49
84	Current developments in green synthesis of metallic nanoparticles using plant extracts: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 336-343.	1.9	152
85	Fabrication of Three-Dimensional Scaffolds Based on Nano-biomimetic Collagen Hybrid Constructs for Skin Tissue Engineering. <i>ACS Omega</i> , 2018, 3, 8605-8611.	1.6	45
86	The effect of SiO <sub>2</sub> /Au core-shell nanoparticles on breast cancer cell's radiotherapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 836-846.	1.9	10
87	Next-generation sequencing approaches for the study of genome and epigenome toxicity induced by sulfur mustard. <i>Archives of Toxicology</i> , 2018, 92, 3443-3457.	1.9	11
88	CHAPTER 6. Electrospinning and 3D Printing: Prospects for Market Opportunity. <i>RSC Soft Matter</i> , 2018, , 136-155.	0.2	13
89	Adverse Effects of Vincristine Chemotherapy on Cell Changes in Seminiferous Tubules and Cetrorelix GnRH Antagonist Inhibitory Effects in Mice. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 683-687.	0.5	3
90	Biodegradable and biocompatible polymers for tissue engineering application: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 185-192.	1.9	341

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91	Gold nanoprobe-based method for sensing activated leukocyte cell adhesion molecule (ALCAM) gene expression, as a breast cancer biomarker. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 277-282.	1.9	6
92	Magnetic nanoparticles in cancer diagnosis and treatment: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1-5.	1.9	99
93	Evaluation of host-guest system to enhance the tamoxifen efficiency. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 441-447.	1.9	20
94	Preparation and characterization of PLGA- $\beta$ -CD polymeric nanoparticles containing methotrexate and evaluation of their effects on T47D cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 432-440.	1.9	27
95	Assessment of polycaprolacton (PCL) nanocomposite scaffold compared with hydroxyapatite (HA) on healing of segmental femur bone defect in rabbits. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 961-968.	1.9	27
96	Synthesis and characterization of smart N-isopropylacrylamide-based magnetic nanocomposites containing doxorubicin anti-cancer drug. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 560-567.	1.9	6
97	Magnetic nanoparticles: preparation methods, applications in cancer diagnosis and cancer therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 6-17.	1.9	93
98	New state of nanofibers in regenerative medicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 204-210.	1.9	16
99	Application of nanostructured drug delivery systems in immunotherapy of cancer: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 18-23.	1.9	21
100	Liposome-mediated RNA interference delivery against Erk1 and Erk2 does not equally promote chemosensitivity in human hepatocellular carcinoma cell line HepG2. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1612-1619.	1.9	19
101	Development of Doxorubicin-Loaded Nanostructured Lipid Carriers: Preparation, Characterization, and In Vitro Evaluation on MCF-7 Cell Line. <i>BioNanoScience</i> , 2017, 7, 32-39.	1.5	8
102	Advances in Silver Nanotechnology: An Update on Biomedical Applications and Future Perspectives. <i>Drug Research</i> , 2017, 67, 198-203.	0.7	12
103	Preparation and Characterization of Gold Nanoparticles in the Presence of Citrate and Soybean Seed Extract in an Acidic Conditions. <i>Drug Research</i> , 2017, 67, 266-270.	0.7	3
104	Profiling of Compositions of Essential Oils and Volatiles of <i>Salvia limbata</i> Using Traditional and Advanced Techniques and Evaluation for Biological Activities of Their Extracts. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600361.	1.0	37
105	Chemical composition of the essential oils and extracts of <i>Achillea</i> species and their biological activities: A review. <i>Journal of Ethnopharmacology</i> , 2017, 199, 257-315.	2.0	127
106	The Effect of Chrysin Loaded PLGA-PEG on Metalloproteinase Gene Expression in Mouse 4T1 Tumor Model. <i>Drug Research</i> , 2017, 67, 211-216.	0.7	11
107	Recent advances on liposomal nanoparticles: synthesis, characterization and biomedical applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 788-799.	1.9	172
108	Synthesis and Evaluation of a Triblock Copolymer/ZnO Nanoparticles from Poly( $\mu$ -caprolactone) and Poly(Acrylic Acid) as a Potential Drug Delivery Carrier. <i>Drug Research</i> , 2017, 67, 228-238.	0.7	3

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109	Nanozyme applications in biology and medicine: an overview. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1069-1076.	1.9	101
110	Synthesis of sharply thermo and PH responsive PMA-b-PNIPAM-b-PEG-b-PNIPAM-b-PMA by RAFT radical polymerization and its schizophrenic micellization in aqueous solutions. <i>Designed Monomers and Polymers</i> , 2017, 20, 406-418.	0.7	22
111	Secretory phospholipase-A2 and fatty acid composition in oral reactive lesions: a cross-sectional study. <i>Cancer Cell International</i> , 2017, 17, 50.	1.8	2
112	Fluorescent multi-responsive cross-linked P(N-isopropylacrylamide)-based nanocomposites for cisplatin delivery. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1283-1291.	0.9	22
113	The effect of chrysin-loaded nanofiber on wound healing process in male rat. <i>Chemical Biology and Drug Design</i> , 2017, 90, 1106-1114.	1.5	18
114	Role of Probiotics in Managing of Helicobacter Pylori Infection: A Review. <i>Drug Research</i> , 2017, 67, 88-93.	0.7	19
115	A Review on Potential Role of Silver Nanoparticles and Possible Mechanisms of their Actions on Bacteria. <i>Drug Research</i> , 2017, 67, 70-76.	0.7	78
116	Preparation, Surface Properties, and Therapeutic Applications of Gold Nanoparticles in Biomedicine. <i>Drug Research</i> , 2017, 67, 77-87.	0.7	29
117	pH sensitive insulin-loaded nanohydrogel increases the effect of oral insulin in diabetic rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1222-1226.	1.9	6
118	Evaluation and study of antimicrobial activity of nanoliposomal meropenem against <i>Pseudomonas aeruginosa</i> isolates. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 975-980.	1.9	17
119	Upregulation of miR-9 and Let-7a by nanoencapsulated chrysin in gastric cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1201-1206.	1.9	54
120	An update clinical application of amniotic fluid-derived stem cells (AFSCs) in cancer cell therapy and tissue engineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 765-774.	1.9	31
121	An update on applications of nanostructured drug delivery systems in cancer therapy: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1058-1068.	1.9	52
122	The Relationship Between Chemical Composition of the Essential Oils of <i>Platycladus orientalis</i> (L.) Franco and Soils Contamination in National Oil Company of Shahrood, Iran. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 1209-1225.	0.7	2
123	The Effects of Nanoencapsulated Curcumin-Fe <sub>3</sub> O <sub>4</sub> on Proliferation and hTERT Gene Expression in Lung Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1363-1373.	0.9	56
124	Synthesis of Cross-linked Poly (N-isopropylacrylamide) Magnetic Nano Composite for Application in the Controlled Release of Doxorubicin. <i>Pharmaceutical Nanotechnology</i> , 2017, 5, 67-75.	0.6	3
125	Silver nanoparticles: Synthesis methods, bio-applications and properties. <i>Critical Reviews in Microbiology</i> , 2016, 42, 1-8.	2.7	262
126	Magnetic nanoparticles: Applications in gene delivery and gene therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-8.	1.9	44

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127	Magnetic nanoparticles as potential candidates for biomedical and biological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-10.	1.9	23
128	Biomedical and biological applications of quantum dots. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-7.	1.9	32
129	Cisplatin release from dual-responsive magnetic nanocomposites. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-9.	1.9	19
130	Application of gold nanoparticles in biomedical and drug delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 410-422.	1.9	387
131	Bimetallic nanoparticles: Preparation, properties, and biomedical applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 376-380.	1.9	90
132	Graphene: Synthesis, bio-applications, and properties. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 150-156.	1.9	67
133	Application of liposomes in medicine and drug delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 381-391.	1.9	516
134	The effect of dimethyl sulfoxide on hepatic differentiation of mesenchymal stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 157-164.	1.9	42
135	Synthesis, characterization, biocompatibility of hydroxyapatite-natural polymers nanocomposites for dentistry applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 277-284.	1.9	28
136	Applications of nanoparticle systems in gene delivery and gene therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 581-587.	1.9	21
137	Nanofiber: Synthesis and biomedical applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 111-121.	1.9	146
138	Current methods for synthesis of gold nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 596-602.	1.9	196
139	Biotechnological and biomedical applications of mesenchymal stem cells as a therapeutic system. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 559-570.	1.9	28
140	Drug delivery and nanodetection in lung cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 618-634.	1.9	21
141	Basics of DNA biosensors and cancer diagnosis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 654-663.	1.9	36
142	Gas Chromatographic-Mass Spectrometric Analysis of Volatiles Obtained by HS-SPME-GC-MS Technique from Aerial Parts of <i>Ziziphora Capitata</i> L., and Evaluation for Biological Activity.. <i>Oriental Journal of Chemistry</i> , 2016, 32, 1439-1451.	0.1	13
143	Quantitative monitoring of the volatiles from the aerial parts of <i>Satureja hortensis</i> by the use of HS-SPME-GC-MS approach. <i>Oriental Journal of Chemistry</i> , 2016, 32, 2559-2566.	0.1	2
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