

Effat Alizadeh

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

2,489
citations

185998

28
h-index

233125

45
g-index

86
all docs

86
docs citations

86
times ranked

3374
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Nanocomposite hydrogels for cartilage tissue engineering: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 465-471.	1.9	91
4	A Comparison of the Effects of Silica and Hydroxyapatite Nanoparticles on Poly(μ -caprolactone)-Poly(ethylene glycol)-Poly(μ -caprolactone)/Chitosan Nanofibrous Scaffolds for Bone Tissue Engineering. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 735-750.	1.6	75
5	Dendritic chitosan as a magnetic and biocompatible nanocarrier for the simultaneous delivery of doxorubicin and methotrexate to MCF-7 cell line. <i>New Journal of Chemistry</i> , 2017, 41, 3177-3189.	1.4	70
6	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
7	Novel dual stimuli-responsive ABC triblock copolymer: RAFT synthesis, α -schizophrenic micellization, and its performance as an anticancer drug delivery nanosystem. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 282-293.	5.0	62
8	The effects of sodium butyrate and inulin supplementation on angiotensin signaling pathway via promotion of Akkermansia muciniphila abundance in type 2 diabetes; A randomized, double-blind, placebo-controlled trial. <i>Journal of Cardiovascular and Thoracic Research</i> , 2017, 9, 183-190.	0.3	58
9	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
10	Up Regulation of Liver-enriched Transcription Factors $\langle \text{HNF} \rangle 4a$ and $\langle \text{HNF} \rangle 6$ and Liver-specific MicroRNA ($\langle \text{miR} \rangle 122$) by Inhibition of $\langle \text{Let} \rangle 7b$ in Mesenchymal Stem Cells. <i>Chemical Biology and Drug Design</i> , 2015, 85, 268-279.	1.5	57
11	Cytoprotection, proliferation and epidermal differentiation of adipose tissue-derived stem cells on emu oil based electrospun nanofibrous mat. <i>Experimental Cell Research</i> , 2017, 357, 192-201.	1.2	55
12	Novel Chemo-Photothermal Therapy in Breast Cancer Using Methotrexate-Loaded Folic Acid Conjugated Au@SiO ₂ Nanoparticles. <i>Nanoscale Research Letters</i> , 2020, 15, 62.	3.1	52
13	An overview on different strategies for the stemness maintenance of MSCs. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1255-1271.	1.9	50
14	Nanomaterials for photothermal and photodynamic cancer therapy. <i>Applied Physics Reviews</i> , 2022, 9, .	5.5	50
15	Inhibitory Effects of β -Cyclodextrin-Helenalin Complexes on H-TERT Gene Expression in the T47D Breast Cancer Cell Line - Results of Real Time Quantitative PCR. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 6949-6953.	0.5	49
16	pH-Controlled multiple-drug delivery by a novel antibacterial nanocomposite for combination therapy. <i>RSC Advances</i> , 2015, 5, 105678-105691.	1.7	47
17	Watercross-based electrospun nanofibrous scaffolds enhance proliferation and stemness preservation of human adipose-derived stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 819-830.	1.9	47
18	Development of Emu oil-loaded PCL/collagen bioactive nanofibers for proliferation and stemness preservation of human adipose-derived stem cells: possible application in regenerative medicine. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1978-1988.	0.9	46

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19	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
20	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
21	Effect of incorporating <i>Elaeagnus angustifolia</i> extract in PCL-PEG-PCL nanofibers for bone tissue engineering. <i>Frontiers of Chemical Science and Engineering</i> , 2019, 13, 108-119.	2.3	42
22	The odontogenic differentiation of human dental pulp stem cells on hydroxyapatite-coated biodegradable nanofibrous scaffolds. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 720-728.	1.8	40
23	Upregulation of MiR-122 via Trichostatin A Treatments in Hepatocyte-like Cells Derived from Mesenchymal Stem Cells. <i>Chemical Biology and Drug Design</i> , 2016, 87, 296-305.	1.5	36
24	Engineering the niche for hair regeneration – A critical review. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 15, 70-85.	1.7	32
25	Adhesion of mesenchymal stem cells to biomimetic polymers: A review. <i>Materials Science and Engineering C</i> , 2017, 71, 1192-1200.	3.8	31
26	Osteogenic/Odontogenic Bioengineering with co-Administration of Simvastatin and Hydroxyapatite on Poly Caprolactone Based Nanofibrous Scaffold. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 353-365.	0.6	30
27	Static DNA Nanostructures For Cancer Theranostics: Recent Progress In Design And Applications. <i>Nanotechnology, Science and Applications</i> , 2019, Volume 12, 25-46.	4.6	30
28	AS1411 aptamer-functionalized chitosan-silica nanoparticles for targeted delivery of epigallocatechin gallate to the SKOV-3 ovarian cancer cell lines. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	30
29	Advanced Bioresponsive Multitasking Hydrogels in the New Era of Biomedicine. <i>Advanced Functional Materials</i> , 2021, 31, 2104123.	7.8	30
30	The Different Facades of Retinal and Choroidal Endothelial Cells in Response to Hypoxia. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3846.	1.8	29
31	Bioinspired hydrogels build a bridge from bench to bedside. <i>Nano Today</i> , 2021, 39, 101157.	6.2	28
32	MiR-221-inhibited adipose tissue-derived mesenchymal stem cells bioengineered in a nano-hydroxy apatite scaffold. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 479-487.	0.7	27
33	Preparation and characterization of PLGA- β -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
34	PLA-based magnetic nanoparticles armed with thermo/pH responsive polymers for combination cancer chemotherapy. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 45, 240-254.	1.4	27
35	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
36	Macrophage repolarization using emu oil-based electrospun nanofibers: possible application in regenerative medicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1258-1265.	1.9	25

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37	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
38	The avian influenza H9N2 at avian-human interface: A possible risk for the future pandemics. <i>Journal of Research in Medical Sciences</i> , 2016, 21, 51.	0.4	25
39	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
40	In vitro nephrotoxicity and anticancer potency of newly synthesized cadmium complexes. <i>Scientific Reports</i> , 2019, 9, 14686.	1.6	22
41	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
42	The secretome of mesenchymal stem cells and oxidative stress: challenges and opportunities in cell-free regenerative medicine. <i>Molecular Biology Reports</i> , 2021, 48, 5607-5619.	1.0	21
43	Cytoprotective effects of antioxidant supplementation on mesenchymal stem cell therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 6462-6495.	2.0	20
44	Corneal endothelium tissue engineering: An evolution of signaling molecules, cells, and scaffolds toward 3D bioprinting and cell sheets. <i>Journal of Cellular Physiology</i> , 2021, 236, 3275-3303.	2.0	20
45	Enhanced anticancer potency by thermo/pH-responsive PCL-based magnetic nanoparticles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 277-308.	1.9	18
46	GNDF gene-engineered adipose-derived stem cells seeded Emu oil-loaded electrospun nanofibers for axonal regeneration following spinal cord injury. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102095.	1.4	18
47	Novel antibacterial polymeric nanocomposite for smart co-delivery of anticancer drugs. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1509-1520.	1.9	17
48	Down-Regulation of miR-200c and Up-Regulation of miR-30c Target both Stemness and Metastasis Genes in Breast Cancer. <i>Cell Journal</i> , 2020, 21, 467-478.	0.2	17
49	Towards optimization of odonto/osteogenic bioengineering: in vitro comparison of simvastatin, sodium fluoride, melanocyte-stimulating hormone. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 502-512.	0.7	16
50	Towards osteogenic bioengineering of dental pulp stem induced by sodium fluoride on hydroxyapatite based biodegradable polymeric scaffold. <i>Fibers and Polymers</i> , 2017, 18, 1468-1477.	1.1	16
51	Ciliary neurotrophic factor (CNTF) delivery to retina: an overview of current research advancements. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-14.	1.9	16
52	An integrated analysis to predict microRNAs targeting both stemness and metastasis in breast cancer stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2442-2456.	1.6	15
53	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
54	Liver bioengineering: Recent trends/advances in decellularization and cell sheet technologies towards translation into the clinic. <i>Life Sciences</i> , 2021, 276, 119373.	2.0	15

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55	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
56	Cell sheet biofabrication by co-administration of mesenchymal stem cells secretome and vitamin C on thermoresponsive polymer. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 170.	1.7	14
57	Study of the Cytotoxic and Bactericidal Effects of Sila-substituted Thioalkyne and Mercapto-thione Compounds based on 1,2,3-triazole Scaffold. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 121, 390-399.	1.2	13
58	An overview of Betacoronaviruses-associated severe respiratory syndromes, focusing on sex-type-specific immune responses. <i>International Immunopharmacology</i> , 2021, 92, 107365.	1.7	12
59	Corneal endothelial cell sheet bioengineering from neural crest cell-derived adipose stem cells on novel thermo-responsive elastin-mimetic dendrimers decorated with RGD. <i>Chemical Engineering Journal</i> , 2022, 429, 132523.	6.6	12
60	Bioreducible and pH-responsive shell crosslinked polymeric micelles from a star-shaped terpolymer as drug delivery system. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 481-492.	1.8	12
61	Novel Methotrexate-Ciprofloxacin Loaded Alginate-Clay Based Nanocomposite as Anticancer and Antibacterial Co-Drug Delivery System. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 477-489.	0.6	11
62	Aquatic leech as a rare cause of respiratory distress and hemoptysis. <i>Pneumologia</i> , 2011, 60, 85-6.	0.1	11
63	The emu oil emulsified in egg lecithin and butylated hydroxytoluene enhanced the proliferation, stemness gene expression, and in vitro wound healing of adipose-derived stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2018, 54, 205-216.	0.7	10
64	The effect of ketorolac and triamcinolone acetonide on adipogenic and hepatogenic differentiation through miRNAs 16/15/195: Possible clinical application in regenerative medicine. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 675-683.	2.5	10
65	The effect of SiO ₂ /Au core-shell nanoparticles on breast cancer cell's radiotherapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 836-846.	1.9	10
66	Evaluating adipocyte differentiation of bone marrow-derived mesenchymal stem cells by a deep learning method for automatic lipid droplet counting. <i>Computers in Biology and Medicine</i> , 2019, 112, 103365.	3.9	10
67	Zinc oxide nanoparticles promote the aging process in a size-dependent manner. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 128.	1.7	10
68	Anti-aging effects of peppermint (<i>Mentha piperita</i> L.) and Shirazi thyme (<i>Zataria multiflora</i> Boiss.) plant extracts. <i>Food Bioscience</i> , 2021, 41, 100930.	2.0	7
69	Histone Deacetylase Inhibitor (Trapoxin A) Enhances Stemness Properties in Adipose Tissue Derived Mesenchymal Stem Cells. <i>Drug Research</i> , 2018, 68, 450-456.	0.7	6
70	The Effect of Melanocyte Stimulating Hormone and Hydroxyapatite on Osteogenesis in Pulp Stem Cells of Human Teeth Transferred into Polyester Scaffolds. <i>Fibers and Polymers</i> , 2018, 19, 2245-2253.	1.1	6
71	Harnessing rat derived model cells to assess the toxicity of TiO ₂ nanoparticles. <i>Journal of Materials Science: Materials in Medicine</i> , 2022, 33, 41.	1.7	6
72	Comparison Between β -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

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73	Correlation Between Dexamethasone and miRNAs in the Regulation of Apoptosis, Drug-resistance, and Metastasis of Cancer Cell. <i>Current Molecular Medicine</i> , 2021, 21, 392-401.	0.6	5
74	Serological Survey of Avian Influenza (H9N2) Among Different Occupational Groups in Tehran and Qazvin Provinces in IR Iran. <i>Jundishapur Journal of Microbiology</i> , 2013, , .	0.2	4
75	Reduction of Radiation Risk to Interventional Cardiologists and Patients during Angiography and Coronary Angioplasty. <i>The Journal of Tehran Heart Center</i> , 2017, 12, 101-106.	0.3	3
76	Recurrent laryngeal papillomatosis with bronchopulmonary spread in a 70-year-old man. <i>Tuberkuloz Ve Toraks</i> , 2007, 55, 299-302.	0.2	3
77	Fatty acids of type 2 diabetic serum decrease the stemness properties of human adipose-derived mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 1157-1170.	1.2	3
78	The effect of exogenous ciliary neurotrophic factor on cell cycle and neural differentiation markers of in vitro model cells: New insights for future therapeutic approaches. <i>Cell Biochemistry and Function</i> , 2021, 39, 636-645.	1.4	2
79	Tiny Non-coding RNAs in Body Fluids, Possible Biomarkers for Autosomal Dominant Polycystic Kidney Disease. <i>Iranian Journal of Kidney Diseases</i> , 2019, 13, 151-164.	0.1	1
80	Distinct power of bone marrow microRNA signatures and tumor suppressor genes for early detection of acute leukemia. <i>Clinical and Translational Oncology</i> , 2022, , 1.	1.2	1
81	Detection and Counting of Lipid Droplets in Adipocyte Differentiation of Bone Marrow-Derived Mesenchymal Stem Cells Using a Tiny Convolutional Network and Image Processing. , 2019, , .		0
82	The effect of titanium carbide used in implants on stemness and senescence of mouse bone marrow derived mesenchymal stem cells. <i>Medical Journal of Tabriz University of Medical Sciences & Health Services</i> , 2020, 42, 537-546.	0.1	0