

# Masoud Soleimani

## List of Publications by Year in descending order

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Version: 2024-02-01

319  
papers

7,573  
citations

87888

38  
h-index

110387

64  
g-index

326  
all docs

326  
docs citations

326  
times ranked

12194  
citing authors

#	ARTICLE	IF	CITATIONS
1	MiR-1290: a potential therapeutic target for regenerative medicine or diagnosis and treatment of non-malignant diseases. <i>Clinical and Experimental Medicine</i> , 2023, 23, 737-750.	3.6	1
2	Expansion of cord blood stem cells in fibronectin-coated microfluidic bioreactor. <i>Hematology, Transfusion and Cell Therapy</i> , 2022, 44, 504-511.	0.2	2
3	Safety and feasibility of autologous olfactory ensheathing cell and bone marrow mesenchymal stem cell co-transplantation in chronic human spinal cord injury: a clinical trial. <i>Spinal Cord</i> , 2022, 60, 63-70.	1.9	17
4	Kaempferol sensitizes tumor necrosis factor-related apoptosis-inducing ligand-resistance chronic myelogenous leukemia cells to apoptosis. <i>Molecular Biology Reports</i> , 2022, 49, 19-29.	2.3	6
5	The potential role of miR-1290 in cancer progression, diagnosis, prognosis, and treatment: An oncomiR or oncosuppressor microRNA?. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 506-531.	2.6	12
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.	1.0	7
7	A composite bilayer scaffold functionalized for osteochondral tissue regeneration in rat animal model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 559-574.	2.7	9
8	Post-hematopoietic stem cell transplantation relapse: Role of checkpoint inhibitors. <i>Health Science Reports</i> , 2022, 5, e536.	1.5	2
9	NETosis and SARS-COV-2 infection related thrombosis: a narrative review. <i>Thrombosis Journal</i> , 2022, 20, 13.	2.1	20
10	Therapeutic role of mesenchymal stem cell-derived exosomes in respiratory disease. <i>Stem Cell Research and Therapy</i> , 2022, 13, 194.	5.5	15
11	Recent developments in miRNA based recombinant protein expression in CHO. <i>Biotechnology Letters</i> , 2022, 44, 671-681.	2.2	2
12	Soluble T Cell Immunoglobulin and Mucin Domain-3 (sTIM-3) Predict Graft-Versus-Host Disease (GVHD) in Iranian Allogeneic Hematopoietic Stem Cell Transplantation. <i>International Journal of Cancer Management</i> , 2022, 15, .	0.4	0
13	The key role of Calpain in COVID-19 as a therapeutic strategy. <i>Inflammopharmacology</i> , 2022, 30, 1479-1491.	3.9	8
14	Bioartificial injectable cartilage implants from demineralized bone matrix/PVA and related studies in rabbit animal model. <i>Journal of Biomaterials Applications</i> , 2021, 35, 1315-1326.	2.4	11
15	Cartilage tissue engineering using injectable functionalized Demineralized Bone Matrix scaffold with glucosamine in PVA carrier, cultured in microbioreactor prior to study in rabbit model. <i>Materials Science and Engineering C</i> , 2021, 120, 111677.	7.3	13
16	Endothelial cells performance on 3D electrospun PVA/graphene nanocomposite tubular scaffolds. <i>Polymer Bulletin</i> , 2021, 78, 4797-4815.	3.3	2
17	Evaluation of Human Mesenchymal Stem Cells Differentiation to Neural Cells on Polycaprolactone Nanofiber Scaffolds. <i>Journal of Human Genetics and Genomics</i> , 2021, In Press, .	0.0	0
18	Mesenchymal stem cells derived from perinatal tissues for treatment of critically ill COVID-19-induced ARDS patients: a case series. <i>Stem Cell Research and Therapy</i> , 2021, 12, 91.	5.5	141

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19	Comparison of osteogenic differentiation potential of induced pluripotent stem cells and buccal fat pad stem cells on 3D-printed HA/ $\beta$ -TCP collagen-coated scaffolds. <i>Cell and Tissue Research</i> , 2021, 384, 403-421.	2.9	13
20	Improved efficiency of genome editing by constitutive expression of Cas9 endonuclease in genetically-modified mice. <i>3 Biotech</i> , 2021, 11, 56.	2.2	1
21	The Potential Therapeutic Effect of RNA Interference and Natural Products on COVID-19: A Review of the Coronaviruses Infection. <i>Frontiers in Pharmacology</i> , 2021, 12, 616993.	3.5	15
22	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.	7.5	8
23	Efficacy of topotecan nanoparticles for intravitreal chemotherapy of retinoblastoma. <i>Experimental Eye Research</i> , 2021, 204, 108423.	2.6	23
24	Latency-Associated Transcript-Derived MicroRNAs in Herpes Simplex Virus Type 1 Target SMAD3 and SMAD4 in TGF- $\beta$ /Smad Signaling Pathway. <i>Iranian Biomedical Journal</i> , 2021, 25, 169-179.	0.7	3
25	Intracerebral Administration of Autologous Mesenchymal Stem Cells as HSV-TK Gene Vehicle for Treatment of Glioblastoma Multiform: Safety and Feasibility Assessment. <i>Molecular Neurobiology</i> , 2021, 58, 4425-4436.	4.0	11
26	Cartilage tissue engineering by co-transplantation of chondrocyte extracellular vesicles and mesenchymal stem cells, entrapped in chitosan-hyaluronic acid hydrogel. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 055003.	3.3	19
27	Mesenchymal stem cells loaded with oncolytic reovirus enhances antitumor activity in mice models of colorectal cancer. <i>Biochemical Pharmacology</i> , 2021, 190, 114644.	4.4	12
28	In vitro evaluation of ferutinin on proliferation and osteogenesis differentiation in human unrestricted Somatic stem cells. <i>Steroids</i> , 2021, 172, 108862.	1.8	1
29	A systematic review of extracellular vesicles as non-invasive biomarkers in glioma diagnosis, prognosis, and treatment response monitoring. <i>Molecular Biology Reports</i> , 2021, 48, 6971-6985.	2.3	6
30	Combining cell therapy with human autologous Schwann cell and bone marrow-derived mesenchymal stem cell in patients with subacute complete spinal cord injury: safety considerations and possible outcomes. <i>Stem Cell Research and Therapy</i> , 2021, 12, 445.	5.5	27
31	Application of iPSCs derived pancreatic $\beta$ -like cells using pancreatic bio-scaffold. <i>Experimental Cell Research</i> , 2021, 405, 112667.	2.6	3
32	miR-424 induces apoptosis in glioblastoma cells and targets AKT1 and RAF1 oncogenes from the ERBB signaling pathway. <i>European Journal of Pharmacology</i> , 2021, 906, 174273.	3.5	10
33	Development of an mRNA-LNP Vaccine against SARS-CoV-2: Evaluation of Immune Response in Mouse and Rhesus Macaque. <i>Vaccines</i> , 2021, 9, 1007.	4.4	14
34	The interplay between extracellular matrix and progenitor/stem cells during wound healing: Opportunities and future directions. <i>Acta Histochemica</i> , 2021, 123, 151785.	1.8	18
35	Gold nanoparticles show potential in vitro antiviral and anticancer activity. <i>Life Sciences</i> , 2021, 284, 119652.	4.3	27
36	Switch off inflammation in spleen cells with CD40-targeted PLGA nanoparticles containing dimethyl fumarate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112091.	5.0	3

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37	Platelet Microparticle Controversial Role in Cancer. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 39-55.	1.4	8
38	Differentiation of Mesenchymal Stem Cells Into Cardiac-like Cells by Co-induction of Lentiviruses Containing Mir-1 and Myocd in Chitosan Collagen Hydrogel Scaffold. <i>Majallah-i Dānishgāh-i 'Ulā-m-i Pizishkā-i Qum</i> , 2021, 15, 368-377.	0.2	0
39	The miR-142 Suppresses U-87 Glioblastoma Cell Growth by Targeting EGFR Oncogenic Signaling Pathway.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 202-212.	0.5	1
40	Formation of organoid-like structures in the decellularized rat testis.. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 1523-1528.	1.0	2
41	Incorporating PCL nanofibers with oyster shell to improve osteogenic differentiation of mesenchymal stem cells. <i>Polymer Bulletin</i> , 2020, 77, 701-715.	3.3	13
42	Generation of an in vitro model of $\beta^0$ -thalassemia using the CRISPR/Cas9 genome editing system. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1420-1430.	2.6	6
43	Incorporation of SPION@casein core@shells into silk@fibroin nanofibers for cardiac tissue engineering. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 2981-2993.	2.6	45
44	Decellularized amniotic membrane Scaffolds improve differentiation of iPSCs to functional hepatocyte-like cells. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1169-1181.	2.6	23
45	Overexpression of microRNA-375 and microRNA-122 promotes the differentiation of human induced pluripotent stem cells into hepatocyte-like cells. <i>Biologicals</i> , 2020, 63, 24-32.	1.4	13
46	Inhibiting the expression of anti-apoptotic genes BCL2L1 and MCL1, and apoptosis induction in glioblastoma cells by microRNA-342. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109641.	5.6	22
47	CRISPR/Cas: From Tumor Gene Editing to T Cell-Based Immunotherapy of Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 2062.	4.8	45
48	Conversion of Neural Stem Cells into Functional Neuron-Like Cells by MicroRNA-218: Differential Expression of Functionality Genes. <i>Neurotoxicity Research</i> , 2020, 38, 707-722.	2.7	7
49	Chondroinductive impact of polyethersulfone/benzyl hyaluronate nanofibrous scaffold on human mesenchymal stem cells. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2569-2578.	3.2	4
50	Communication between stromal and hematopoietic stem cell by exosomes in normal and malignant bone marrow niche. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110854.	5.6	14
51	The synergistic anticancer effects of ReoT3D, CPT-11, and BBI608 on murine colorectal cancer cells. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 555-565.	2.0	10
52	miR-30a regulates $\beta^3$ -globin expression in erythroid precursors of intermedia thalassemia through targeting BCL11A. <i>Molecular Biology Reports</i> , 2020, 47, 3909-3918.	2.3	14
53	Pre-transplant thrombocytopenia predicts engraftment time and blood products requirement in allogeneic hematopoietic stem cell transplantation patients. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102810.	1.0	3
54	Combination of low intensity electromagnetic field with chondrogenic agent induces chondrogenesis in mesenchymal stem cells with minimal hypertrophic side effects. <i>Electromagnetic Biology and Medicine</i> , 2020, 39, 154-165.	1.4	7

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55	Epigenetically silenced LINC02381 functions as a tumor suppressor by regulating PI3K-Akt signaling pathway. <i>Biochimie</i> , 2020, 171-172, 63-71.	2.6	27
56	Wound healing improvement by curcumin-loaded electrospun nanofibers and BFP-MSCs as a bioactive dressing. <i>Polymers for Advanced Technologies</i> , 2020, 31, 1519-1531.	3.2	32
57	The biomedical potential of cellulose acetate/polyurethane nanofibrous mats containing reduced graphene oxide/silver nanocomposites and curcumin: Antimicrobial performance and cutaneous wound healing. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 418-427.	7.5	101
58	MicroRNA-4731 delivered by AD-mesenchymal stem cells induces cell cycle arrest and apoptosis in glioblastoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 8167-8175.	4.1	32
59	MicroRNA-129 Inhibits Glioma Cell Growth by Targeting CDK4, CDK6, and MDM2. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 759-764.	5.1	30
60	miR-548x and miR-4698 controlled cell proliferation by affecting the PI3K/AKT signaling pathway in Glioblastoma cell lines. <i>Scientific Reports</i> , 2020, 10, 1558.	3.3	21
61	Acetylated hyaluronic acid effectively enhances chondrogenic differentiation of mesenchymal stem cells seeded on electrospun PCL scaffolds. <i>Tissue and Cell</i> , 2020, 65, 101363.	2.2	15
62	Mitochondrial delivery of microRNA mimic let-7b to NSCLC cells by PAMAM-based nanoparticles. <i>Journal of Drug Targeting</i> , 2020, 28, 818-830.	4.4	18
63	Comparative impact of platelet rich plasma and transforming growth factor- $\beta^2$ on chondrogenic differentiation of human adipose derived stem cells. <i>BioImpacts</i> , 2020, 10, 37-43.	1.5	14
64	HSV-TK Expressing Mesenchymal Stem Cells Exert Inhibitory Effect on Cervical Cancer Model. <i>International Journal of Molecular and Cellular Medicine</i> , 2020, 9, 146-154.	1.1	8
65	Evaluation of miR-34a Effect on CCND1 mRNA Level and Sensitization of Breast Cancer Cell Lines to Paclitaxel. <i>Iranian Biomedical Journal</i> , 2020, 24, 356-364.	0.7	4
66	Involvement of EGFR, ERK-1,2 and AKT-1,2 Activity on Human Glioma Cell Growth. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3469-3475.	1.2	8
67	Effect of Hypoxia Preconditioned Adipose-Derived Mesenchymal Stem Cell Conditioned Medium on Cerulein-Induced Acute Pancreatitis in Mice. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 297-306.	1.4	12
68	Treatment protocols for BK virus associated hemorrhagic cystitis after hematopoietic stem cell transplantation. <i>American Journal of Blood Research</i> , 2020, 10, 217-230.	0.6	7
69	TBX18 transcription factor overexpression in human-induced pluripotent stem cells increases their differentiation into pacemaker-like cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 1534-1546.	4.1	31
70	Targeted delivery of doxorubicin to HER2 positive tumor models. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5679-5690.	6.7	77
71	The effect of miR-579 on the PI3K/AKT pathway in human glioblastoma PTEN mutant cell lines. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16760-16774.	2.6	25
72	Effects of BCc1 nanoparticle and its mixture with doxorubicin on survival of murine 4T1 tumor model. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 4691-4701.	2.0	3

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73	Nanofibrous Composites Reinforced by MoS <sub>2</sub> Nanosheets as a Conductive Scaffold for Cardiac Tissue Engineering. <i>ChemistrySelect</i> , 2019, 4, 11557-11563.	1.5	27
74	Magnetolectric nanocomposite scaffold for high yield differentiation of mesenchymal stem cells to neural-like cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 13617-13628.	4.1	37
75	Tracking of GFP-labeled unrestricted somatic stem cells transplanted in the sepsis mouse model. <i>Tissue and Cell</i> , 2019, 60, 33-37.	2.2	3
76	MicroRNA-21 over expression in umbilical cord blood hematopoietic stem progenitor cells by leukemia microvesicles. <i>Genetics and Molecular Biology</i> , 2019, 42, 465-471.	1.3	13
77	Functional biological pacemaker generation by T-Box18 protein expression via stem cell and viral delivery approaches in a murine model of complete heart block. <i>Pharmacological Research</i> , 2019, 141, 443-450.	7.1	19
78	Different types of electrospun nanofibers and their effect on microfluidic-based immunoassay. <i>Polymers for Advanced Technologies</i> , 2019, 30, 973-982.	3.2	15
79	Antibacterial properties of nanoporous graphene oxide/cobalt metal organic framework. <i>Materials Science and Engineering C</i> , 2019, 104, 109862.	7.3	56
80	Electrically conductive nanomaterials for cardiac tissue engineering. <i>Advanced Drug Delivery Reviews</i> , 2019, 144, 162-179.	13.7	137
81	Biological behavior of the curcumin incorporated chitosan/poly(vinyl alcohol) nanofibers for biomedical applications. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 15410-15421.	2.6	45
82	Fabrication of graphene-silver/polyurethane nanofibrous scaffolds for cardiac tissue engineering. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2086-2099.	3.2	53
83	Transcript-level regulation of MALAT1-mediated cell cycle and apoptosis genes using dual MEK/Aurora kinase inhibitor BI-847325 on anaplastic thyroid carcinoma. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 1-7.	2.0	22
84	Osteogenic induction of human mesenchymal stem cells in multilayered electrospun scaffolds at different flow rates and configurations in a perfusion bioreactor. <i>Journal of Bioscience and Bioengineering</i> , 2019, 128, 495-503.	2.2	6
85	Comparison of cord blood CD34 <sup>+</sup> stem cell expansion in coculture with mesenchymal stem cells overexpressing SDF1 and soluble /membrane isoforms of SCF. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 15297-15309.	2.6	13
86	Transplantation of mouse iPSCs into testis of azoospermic mouse model: <i>in vivo</i> and <i>in vitro</i> study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1585-1594.	2.8	7
87	Modulating cancer cell mechanics and actin cytoskeleton structure by chemical and mechanical stimulations. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1569-1581.	4.0	25
88	microRNA expression profiles in two- and three-dimensional culture conditions of human umbilical cord blood-derived CD34 <sup>+</sup> cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 20072-20084.	4.1	2
89	Umbilical cord blood mesenchymal stem cells application in hematopoietic stem cells expansion on nanofiber three-dimensional scaffold. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 12018-12026.	2.6	18
90	The Statue of Cytokines Therapy in Blood Transfusion Running Cytokine and Blood Transfusion. <i>Cell and Tissue Biology</i> , 2019, 13, 407-417.	0.4	0

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91	Polyethylenimine: A new differentiation factor to endothelial/cardiac tissue. Journal of Cellular Biochemistry, 2019, 120, 1511-1521.	2.6	13
92	PCL/gelatin nanofibrous scaffolds with human endometrial stem cells/Schwann cells facilitate axon regeneration in spinal cord injury. Journal of Cellular Physiology, 2019, 234, 11060-11069.	4.1	34
93	Pipeline for the generation of gene knockout mice using dual sgRNA CRISPR/Cas9-mediated gene editing. Analytical Biochemistry, 2019, 568, 31-40.	2.4	5
94	Antioxidant and reactive oxygen species scavenging properties of cellular albumin in HepG2 cells is mediated by the glutathione redox system. Biotechnology and Applied Biochemistry, 2019, 66, 163-171.	3.1	10
95	Decellularized Wharton's jelly extracellular matrix as a promising scaffold for promoting hepatic differentiation of human induced pluripotent stem cells. Journal of Cellular Biochemistry, 2019, 120, 6683-6697.	2.6	39
96	Ankylosing spondylitis and mesenchymal stromal/stem cell therapy: a new therapeutic approach. Biomedicine and Pharmacotherapy, 2019, 109, 1196-1205.	5.6	31
97	Human unrestricted somatic stem cells ameliorate sepsis-related acute lung injury in mice. Journal of Cellular Physiology, 2019, 234, 13942-13950.	4.1	6
98	Network of three specific microRNAs influence type 2 diabetes through inducing insulin resistance in muscle cell lines. Journal of Cellular Biochemistry, 2019, 120, 1532-1538.	2.6	14
99	Dendrimer functionalized magnetic nanoparticles as a promising platform for localized hyperthermia and magnetic resonance imaging diagnosis. Journal of Cellular Physiology, 2019, 234, 12615-12624.	4.1	32
100	Electrospun poly(l-lactic acid)/poly(vinyl alcohol) nanofibers improved insulin-producing cell differentiation potential of human adipose-derived mesenchymal stem cells. Journal of Cellular Biochemistry, 2019, 120, 9917-9926.	2.6	29
101	Hybrid poly(l-lactic acid)/poly(ε-caprolactone) nanofibrous scaffold can improve biochemical and molecular markers of human induced pluripotent stem cell-derived hepatocyte-like cells. Journal of Cellular Physiology, 2019, 234, 11247-11255.	4.1	18
102	Anti-oxidant and Selective Anti-proliferative Effects of the Total Cornicabra Olive Polyphenols on Human Gastric MKN45 Cells. Iranian Journal of Biotechnology, 2019, 17, 37-44.	0.3	8
103	Simultaneous regulation of miR-451 and miR-191 led to erythroid fate decision of mouse embryonic stem cell. Iranian Journal of Basic Medical Sciences, 2019, 22, 432-438.	1.0	2
104	Potential using of microRNA-34A in combination with paclitaxel in colorectal cancer cells. Journal of Cancer Research and Therapeutics, 2019, 15, 32.	0.9	10
105	Generation of CCR5-ablated Human Induced Pluripotent Stem Cells as a Therapeutic Approach for Immune-mediated Diseases. Iranian Journal of Allergy, Asthma and Immunology, 2019, 18, 310-319.	0.4	0
106	Comparison of miRNA Profiles of Cord Blood Stem Cells in Identical and Fraternal Twins. Cell Journal, 2019, 21, 78-85.	0.2	1
107	Role of mesenchymal stem cells derived exosomes therapy in neuronal remodeling after ischemic stroke. Minerva Medica, 2019, , .	0.9	2
108	Recent Advances in Gene Therapy and Modeling of Chronic Granulomatous Disease. Iranian Journal of Allergy, Asthma and Immunology, 2019, 18, 131-142.	0.4	3

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109	The effect of nanofibre-based polyethersulfone (PES) scaffold on the chondrogenesis of human induced pluripotent stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-9.	2.8	27
110	L. inermis -loaded nanofibrous scaffolds for wound dressing applications. <i>Tissue and Cell</i> , 2018, 51, 32-38.	2.2	42
111	Differentiation of mesenchymal stem cells into neuron-like cells using composite 3D scaffold combined with valproic acid induction. <i>Journal of Biomaterials Applications</i> , 2018, 32, 702-715.	2.4	21
112	Generation of insulin-producing cells from human induced pluripotent stem cells on PLLA/PVA nanofiber scaffold. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1062-1069.	2.8	53
113	Cell type-dependent functions of microRNA-92a. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5798-5804.	2.6	9
114	Enhanced chondrogenesis differentiation of human induced pluripotent stem cells by MicroRNA-140 and transforming growth factor beta 3 (TGF $\beta$ 3). <i>Biologicals</i> , 2018, 52, 30-36.	1.4	23
115	Derivation of male germ cells from induced pluripotent stem cells by inducers: A review. <i>Cytotherapy</i> , 2018, 20, 279-290.	0.7	17
116	Generation of high-yield insulin producing cells from human-induced pluripotent stem cells on polyethersulfone nanofibrous scaffold. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 733-739.	2.8	26
117	Enhanced chondrogenesis of human bone marrow mesenchymal Stem Cell (BMSC) on nanofiber-based polyethersulfone (PES) scaffold. <i>Gene</i> , 2018, 643, 98-106.	2.2	38
118	Comparison of anticancer effect of <i>Pleurotus ostreatus</i> extract with doxorubicin hydrochloride alone and plus thermotherapy on erythroleukemia cell line. <i>Journal of Complementary and Integrative Medicine</i> , 2018, 15, .	0.9	5
119	Homing Genes Expression in Fucosyltransferase VI-Treated Umbilical Cord Blood CD133+ Cells which Expanded on Protein-Coated Nanoscaffolds. <i>Molecular Biotechnology</i> , 2018, 60, 455-467.	2.4	6
120	Fabrication of a co-culture micro-bioreactor device for efficient hepatic differentiation of human induced pluripotent stem cells (hiPSCs). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 161-170.	2.8	14
121	Overexpression of miR-133 decrease primary endothelial cells proliferation and migration via FGFR1 targeting. <i>Experimental Cell Research</i> , 2018, 369, 11-16.	2.6	5
122	Enhanced chondrogenic differentiation of human bone marrow mesenchymal stem cells on PCL/PLGA electrospun with different alignments and compositions. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 50-60.	3.4	20
123	Application of a novel bioreactor for in vivo engineering of pancreas tissue. <i>Journal of Cellular Physiology</i> , 2018, 233, 3805-3816.	4.1	26
124	Electrospun polyethersulfone nanofibrous membrane as novel platform for protein immobilization in microfluidic systems. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1108-1120.	3.4	17
125	Characterization and Classification of Mesenchymal Stem Cells in Several Species Using Surface Markers for Cell Therapy Purposes. <i>Indian Journal of Clinical Biochemistry</i> , 2018, 33, 46-52.	1.9	46
126	3-Dimensional nano-fibre scaffold for ex vivo expansion of cord blood haematopoietic stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 740-748.	2.8	30



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127	Fibrin gel as a scaffold for photoreceptor cells differentiation from conjunctiva mesenchymal stem cells in retina tissue engineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 805-814.	2.8	29
128	Improvement of hepatogenic differentiation of iPS cells on an aligned polyethersulfone compared to random nanofibers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 853-860.	2.8	28
129	Prolonged drug release using PCL-TMZ nanofibers induce the apoptotic behavior of U87 glioma cells. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 873-878.	3.4	7
130	Combined effects of 3D bone marrow stem cell-seeded wet-electrospun poly lactic acid scaffolds on full-thickness skin wound healing. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 905-912.	3.4	22
131	New Approach for Differentiation of Bone Marrow Mesenchymal Stem Cells Toward Chondrocyte Cells With Overexpression of MicroRNA-140. <i>ASAIO Journal</i> , 2018, 64, 662-672.	1.6	20
132	<i>7SK</i> small nuclear RNA is involved in neuronal differentiation. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3174-3182.	2.6	17
133	Peptide modified nanofibrous scaffold promotes human mesenchymal stem cell proliferation and long-term passaging. <i>Materials Science and Engineering C</i> , 2018, 84, 80-89.	7.3	26
134	Optimization of cell/tissue culture of <i>Linum persicum</i> for production of lignans derivatives including Podophyllotoxin. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 133, 51-61.	2.3	7
135	Microfluidic system for synthesis of nanofibrous conductive hydrogel and muscle differentiation. <i>Journal of Biomaterials Applications</i> , 2018, 32, 853-861.	2.4	13
136	Generation of insulin-producing cells from human adipose-derived mesenchymal stem cells on PVA scaffold by optimized differentiation protocol. <i>Journal of Cellular Physiology</i> , 2018, 233, 4327-4337.	4.1	50
137	Anti-invasive and antiproliferative effects of <i>Pleurotus ostreatus</i> extract on acute leukemia cell lines. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018, 29, 95-102.	1.3	10
138	<i>In vitro</i> expansion of CD 133+ cells derived from umbilical cord blood in poly-L-lactic acid (PLLA) scaffold coated with fibronectin and collagen. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1025-1033.	2.8	31
139	Hydrogels Based on Cellulose and its Derivatives: Applications, Synthesis, and Characteristics. <i>Polymer Science - Series A</i> , 2018, 60, 707-722.	1.0	33
140	The effect of simultaneous administration of arsenic trioxide and microvesicles derived from human bone marrow mesenchymal stem cells on cell proliferation and apoptosis of acute myeloid leukemia cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, S138-S146.	2.8	13
141	Anti-tumour effects of TRAIL-expressing human placental derived mesenchymal stem cells with curcumin-loaded chitosan nanoparticles in a mice model of triple negative breast cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1011-1021.	2.8	26
142	Three-dimensional nanofibrous PLLA/PCL scaffold improved biochemical and molecular markers hiPS cell-derived insulin-producing islet-like cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 685-692.	2.8	11
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