

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	A protocol for isolation and culture of mesenchymal stem cells from mouse bone marrow. <i>Nature Protocols</i> , 2009, 4, 102-106.	12.0	719
2	Advances in Skin Regeneration: Application of Electrospun Scaffolds. <i>Advanced Healthcare Materials</i> , 2015, 4, 1114-1133.	7.6	217
3	Immunomodulatory effects of mesenchymal stem cell-derived exosomes on experimental type 1 autoimmune diabetes. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9433-9443.	2.6	186
4	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
5	Targeted cancer therapy using engineered exosome as a natural drug delivery vehicle. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 5753-5762.	2.0	137
6	Electrically conductive nanomaterials for cardiac tissue engineering. <i>Advanced Drug Delivery Reviews</i> , 2019, 144, 162-179.	13.7	137
7	The effects of low-level laser irradiation on differentiation and proliferation of human bone marrow mesenchymal stem cells into neurons and osteoblasts: an in vitro study. <i>Lasers in Medical Science</i> , 2012, 27, 423-430.	2.1	133
8	PLGA/gelatin hybrid nanofibrous scaffolds encapsulating EGF for skin regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2225-2235.	4.0	107
9	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
10	MicroRNA-340 inhibits the migration, invasion, and metastasis of breast cancer cells by targeting Wnt pathway. <i>Tumor Biology</i> , 2016, 37, 8993-9000.	1.8	83
11	Targeted delivery of doxorubicin to HER2 positive tumor models. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5679-5690.	6.7	77
12	A new application of plant virus nanoparticles as drug delivery in breast cancer. <i>Tumor Biology</i> , 2016, 37, 1229-1236.	1.8	76
13	Antioxidant effect of rosemary (<i>Rosmarinus officinalis</i> L.) extract in soybean lecithin-based semen extender following freeze-thawing process of ram sperm. <i>Cryobiology</i> , 2014, 69, 217-222.	0.7	64
14	MicroRNA-129-1 acts as tumour suppressor and induces cell cycle arrest of GBM cancer cells through targeting IGF2BP3 and MAPK1. <i>Journal of Medical Genetics</i> , 2016, 53, 24-33.	3.2	59
15	Controlled release of rhEGF and rhbFGF from electrospun scaffolds for skin regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3374-3385.	4.0	56
16	Antibacterial properties of nanoporous graphene oxide/cobalt metal organic framework. <i>Materials Science and Engineering C</i> , 2019, 104, 109862.	7.3	56
17	Multifunctional core-shell nanoplatfoms (gold@graphene oxide) with mediated NIR thermal therapy to promote miRNA delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1891-1903.	3.3	54
18	MicroRNA-146a induces immune suppression and drug-resistant colorectal cancer cells. <i>Tumor Biology</i> , 2017, 39, 101042831769836.	1.8	53

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19	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
20	Fabrication of graphene-silver/polyurethane nanofibrous scaffolds for cardiac tissue engineering. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2086-2099.	3.2	53
21	Immunomodulatory effects of adipose-derived mesenchymal stem cells on the gene expression of major transcription factors of T cell subsets. <i>International Immunopharmacology</i> , 2014, 20, 316-321.	3.8	52
22	The Generation of Insulin Producing Cells from Human Mesenchymal Stem Cells by MiR-375 and Anti-MiR-9. <i>PLoS ONE</i> , 2015, 10, e0128650.	2.5	51
23	Controlled surface morphology and hydrophilicity of polycaprolactone toward selective differentiation of mesenchymal stem cells to neural like cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1875-1881.	4.0	51
24	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
25	Neuroregenerative effects of olfactory ensheathing cells transplanted in a multi-layered conductive nanofibrous conduit in peripheral nerve repair in rats. <i>Journal of Biomedical Science</i> , 2015, 22, 35.	7.0	48
26	Antisense-miR-21 enhances differentiation/apoptosis and reduces cancer stemness state on anaplastic thyroid cancer. <i>Tumor Biology</i> , 2016, 37, 1299-1308.	1.8	48
27	Functionalized magnetic dextran-spermine nanocarriers for targeted delivery of doxorubicin to breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2016, 501, 331-341.	5.2	47
28	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
29	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
30	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
31	CRISPR/Cas: From Tumor Gene Editing to T Cell-Based Immunotherapy of Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 2062.	4.8	45
32	In vivo immunomodulatory effects of adipose-derived mesenchymal stem cells conditioned medium in experimental autoimmune encephalomyelitis. <i>Immunology Letters</i> , 2016, 172, 94-105.	2.5	44
33	Efficient protein immobilization on polyethersulfone electrospun nanofibrous membrane via covalent binding for biosensing applications. <i>Materials Science and Engineering C</i> , 2016, 58, 586-594.	7.3	44
34	L. inermis -loaded nanofibrous scaffolds for wound dressing applications. <i>Tissue and Cell</i> , 2018, 51, 32-38.	2.2	42
35	Glutathione responsive chitosan-thiolated dextran conjugated miR-145 nanoparticles targeted with AS1411 aptamer for cancer treatment. <i>Carbohydrate Polymers</i> , 2018, 201, 131-140.	10.2	42
36	Nanotopographical cues of electrospun PLLA efficiently modulate non-coding RNA network to osteogenic differentiation of mesenchymal stem cells during BMP signaling pathway. <i>Materials Science and Engineering C</i> , 2018, 93, 686-703.	7.3	42

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37	A comparative study of osteogenic differentiation human induced pluripotent stem cells and adipose tissue derived mesenchymal stem cells. <i>Cell Journal</i> , 2014, 16, 235-44.	0.2	42
38	Modulation of steroidogenesis by vitamin D3 in granulosa cells of the mouse model of polycystic ovarian syndrome. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 150-161.	2.1	41
39	Lateral Ramus Cortical Bone Plate in Alveolar Cleft Osteoplasty with Concomitant Use of Buccal Fat Pad Derived Cells and Autogenous Bone: Phase I Clinical Trial. <i>BioMed Research International</i> , 2017, 2017, 1-12.	1.9	40
40	Structural stability and sustained release of protein from a multilayer nanofiber/nanoparticle composite. <i>International Journal of Biological Macromolecules</i> , 2015, 75, 248-257.	7.5	39
41	Generation of Insulin-Producing Cells From Human-Induced Pluripotent Stem Cells Using a Stepwise Differentiation Protocol Optimized With Platelet-Rich Plasma. <i>Journal of Cellular Physiology</i> , 2017, 232, 2878-2886.	4.1	39
42	Decellularized Wharton's jelly extracellular matrix as a promising scaffold for promoting hepatic differentiation of human induced pluripotent stem cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 6683-6697.	2.6	39
43	Stem cell-based approach for the treatment of Parkinson's disease. <i>Medical Journal of the Islamic Republic of Iran</i> , 2015, 29, 168.	0.9	39
44	Adipose Tissue-Derived Mesenchymal Stem Cells Exert In Vitro Immunomodulatory and Beta Cell Protective Functions in Streptozotocin-Induced Diabetic Mice Model. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-10.	2.3	38
45	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
46	Enhanced chondrogenesis of human nasal septum derived progenitors on nanofibrous scaffolds. <i>Materials Science and Engineering C</i> , 2014, 40, 445-454.	7.3	37
47	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
48	Nano polyelectrolyte complexes of carboxymethyl dextran and chitosan to improve chitosan-mediated delivery of miR-145. <i>Carbohydrate Polymers</i> , 2017, 159, 66-75.	10.2	36
49	Mimicking the Acute Myeloid Leukemia Niche for Molecular Study and Drug Screening. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 72-85.	2.1	36
50	STAT3 is Overactivated in Gastric Cancer Stem-Like Cells. <i>Cell Journal</i> , 2016, 17, 617-28.	0.2	36
51	Evaluation and comparison of the <i>in vitro</i> characteristics and chondrogenic capacity of four adult stem/progenitor cells for cartilage cell-based repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 600-610.	4.0	35
52	A cellular uptake and cytotoxicity properties study of gallic acid-loaded mesoporous silica nanoparticles on Caco-2 cells. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	34
53	PCL/gelatin nanofibrous scaffolds with human endometrial stem cells/Schwann cells facilitate axon regeneration in spinal cord injury. <i>Journal of Cellular Physiology</i> , 2019, 234, 11060-11069.	4.1	34
54	Involvement of MicroRNA in T-Cell Differentiation and Malignancy. <i>International Journal of Hematology-Oncology and Stem Cell Research</i> , 2015, 9, 33-49.	0.3	34

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55	Comparative capability of menstrual blood versus bone marrow derived stem cells in neural differentiation. <i>Molecular Biology Reports</i> , 2017, 44, 169-182.	2.3	33
56	Hydrogels Based on Cellulose and its Derivatives: Applications, Synthesis, and Characteristics. <i>Polymer Science - Series A</i> , 2018, 60, 707-722.	1.0	33
57	Dendrimer functionalized magnetic nanoparticles as a promising platform for localized hyperthermia and magnetic resonance imaging diagnosis. <i>Journal of Cellular Physiology</i> , 2019, 234, 12615-12624.	4.1	32
58	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
59	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
60	Homing in hematopoietic stem cells: focus on regulatory role of CXCR7 on SDF1a/CXCR4 axis. <i>EXCLI Journal</i> , 2016, 15, 134-43.	0.7	32
61	Repair of spinal cord injury by co-transplantation of embryonic stem cell-derived motor neuron and olfactory ensheathing cell. <i>Iranian Biomedical Journal</i> , 2009, 13, 125-35.	0.7	32
62	<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
63	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
64	Ankylosing spondylitis and mesenchymal stromal/stem cell therapy: a new therapeutic approach. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1196-1205.	5.6	31
65	Protein encapsulated in electrospun nanofibrous scaffolds for tissue engineering applications. <i>Polymer International</i> , 2013, 62, 1250-1256.	3.1	30
66	Chitosan polyplex nanoparticle vector for miR-145 expression in MCF-7: Optimization by design of experiment. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 828-837.	7.5	30
67	The synergistic effect of surface topography and sustained release of TGF- β 1 on myogenic differentiation of human mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1610-1621.	4.0	30
68	3-Dimensional nano-fibre scaffold for <i>ex vivo</i> expansion of cord blood haematopoietic stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 740-748.	2.8	30
69	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
70	Cytocompatibility of a conductive nanofibrous carbon nanotube/poly (L-Lactic acid) composite scaffold intended for nerve tissue engineering. <i>EXCLI Journal</i> , 2015, 14, 851-60.	0.7	30
71	Expression of dopamine-associated genes on conjunctiva stromal-derived human mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 423-428.	2.1	29
72	Rejuvenation of facial skin and improvement in the dermal architecture by transplantation of autologous stromal vascular fraction: a clinical study. <i>BioImpacts</i> , 2016, 6, 149-154.	1.5	29

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73	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
74	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.	6.7	29
75	Electrospun poly(l-lactide acid)/polyvinyl alcohol nanofibers improved insulin-producing cell differentiation potential of human adipose-derived mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9917-9926.	2.6	29
76	ADSCs on PLLA/PCL Hybrid Nanoscaffold and Gelatin Modification: Cytocompatibility and Mechanical Properties. <i>Avicenna Journal of Medical Biotechnology</i> , 2015, 7, 32-8.	0.3	29
77	Thiolated carboxymethyl dextran as a nanocarrier for colon delivery of hSET1 antisense: In vitro stability and efficiency study. <i>Materials Science and Engineering C</i> , 2016, 62, 771-778.	7.3	28
78	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
79	The role of XIAP in resistance to TNF-related apoptosis-inducing ligand (TRAIL) in Leukemia. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1010-1019.	5.6	28
80	MicroRNA Expression in β^2 -Thalassemia and Sick Cell Disease: A Role in The Induction of Fetal Hemoglobin. <i>Cell Journal</i> , 2016, 17, 583-92.	0.2	28
81	Neurogenic differentiation of human conjunctiva mesenchymal stem cells on a nanofibrous scaffold. <i>International Journal of Developmental Biology</i> , 2010, 54, 1295-1300.	0.6	27
82	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.	1.5	27
83	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
84	Nanofibrous Composites Reinforced by MoS ₂ Nanosheets as a Conductive Scaffold for Cardiac Tissue Engineering. <i>ChemistrySelect</i> , 2019, 4, 11557-11563.	1.5	27
85	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
86	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
87	Gold nanoparticles show potential in vitro antiviral and anticancer activity. <i>Life Sciences</i> , 2021, 284, 119652.	4.3	27
88	Fabrication and characterization of a new MRI contrast agent based on a magnetic dextran-spermine nanoparticle system. <i>Iranian Polymer Journal (English Edition)</i> , 2012, 21, 239-251.	2.4	26
89	EGF-loaded nanofibrous scaffold for skin tissue engineering applications. <i>Fibers and Polymers</i> , 2015, 16, 782-787.	2.1	26
90	Short-term ursolic acid promotes skeletal muscle rejuvenation through enhancing of SIRT1 expression and satellite cells proliferation. <i>Biomedicine and Pharmacotherapy</i> , 2016, 78, 185-196.	5.6	26

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91	Leukemia microvesicles affect healthy hematopoietic stem cells. <i>Tumor Biology</i> , 2017, 39, 101042831769223.	1.8	26
92	Regenerating Heart Using a Novel Compound and Human Wharton Jelly Mesenchymal Stem Cells. <i>Archives of Medical Research</i> , 2017, 48, 228-237.	3.3	26
93	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
94	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
95	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
96	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
97	Decellularized Pancreas Matrix Scaffolds for Tissue Engineering Using Ductal or Arterial Catheterization. <i>Cells Tissues Organs</i> , 2018, 205, 72-84.	2.3	26
98	PANi/PAN copolymer as scaffolds for the muscle cell-like differentiation of mesenchymal stem cells. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1078-1087.	3.2	25
99	Bladder smooth muscle cells on electrospun poly(μ -caprolactone)/poly(L-lactic acid) scaffold promote bladder regeneration in a canine model. <i>Materials Science and Engineering C</i> , 2017, 75, 877-884.	7.3	25
100	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
101	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
102	Comparison of random and aligned PCL nanofibrous electrospun scaffolds on cardiomyocyte differentiation of human adipose-derived stem cells. <i>Iranian Journal of Basic Medical Sciences</i> , 2014, 17, 903-11.	1.0	25
103	Differentiation of Definitive Endoderm from Human Induced Pluripotent Stem Cells on hMSCs Feeder in a Defined Medium. <i>Avicenna Journal of Medical Biotechnology</i> , 2016, 8, 2-8.	0.3	25
104	Oxidative stress and age-related changes in T cells: is thalassemia a model of accelerated immune system aging?. <i>Central-European Journal of Immunology</i> , 2016, 1, 116-124.	1.2	24
105	Evaluation of AD-MSC (adipose-derived mesenchymal stem cells) as a vehicle for IFN- γ delivery in experimental autoimmune encephalomyelitis. <i>Clinical Immunology</i> , 2016, 169, 98-106.	3.2	24
106	Retina tissue engineering by conjunctiva mesenchymal stem cells encapsulated in fibrin gel: Hypotheses on novel approach to retinal diseases treatment. <i>Medical Hypotheses</i> , 2017, 101, 75-77.	1.5	24
107	Bio-active molecules modified surfaces enhanced mesenchymal stem cell adhesion and proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 312-317.	2.1	24
108	Enhancement of stem cell differentiation to osteogenic lineage on hydroxyapatite-coated hybrid PLGA/gelatin nanofiber scaffolds. <i>Biologicals</i> , 2016, 44, 511-516.	1.4	23

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109	Investigating Effects of Acidic pH on Proliferation, Invasion and Drug-Induced Apoptosis in Lymphoblastic Leukemia. <i>Cancer Microenvironment</i> , 2016, 9, 119-126.	3.1	23
110	Enhanced chondrogenesis differentiation of human induced pluripotent stem cells by MicroRNA-140 and transforming growth factor beta 3 (TGF β 3). <i>Biologicals</i> , 2018, 52, 30-36.	1.4	23
111	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
112	Efficacy of topotecan nanoparticles for intravitreal chemotherapy of retinoblastoma. <i>Experimental Eye Research</i> , 2021, 204, 108423.	2.6	23
113	Comparison of acellular and cellular bioactivity of poly 3-hydroxybutyrate/hydroxyapatite nanocomposite and poly 3-hydroxybutyrate scaffolds. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 587-593.	2.6	22
114	MiR-371-373 cluster acts as a tumor-suppressor-miR and promotes cell cycle arrest in unrestricted somatic stem cells. <i>Tumor Biology</i> , 2015, 36, 7765-7774.	1.8	22
115	A rapid sonication based method for preparation of stromal vascular fraction and mesenchymal stem cells from fat tissue. <i>Biolmpacts</i> , 2016, 6, 99-104.	1.5	22
116	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
117	Transcript-level regulation of MALAT1-mediated cell cycle and apoptosis genes using dual MEK/Aurora kinase inhibitor α BI-847325 on anaplastic thyroid carcinoma. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 1-7.	2.0	22
118	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
119	Biomimetic scaffolds containing nanofibers coated with willemite nanoparticles for improvement of stem cell osteogenesis. <i>Materials Science and Engineering C</i> , 2016, 62, 398-406.	7.3	21
120	Cancer stem-like cell behavior in anaplastic thyroid cancer: A challenging dilemma. <i>Life Sciences</i> , 2016, 146, 34-39.	4.3	21
121	Cell laden hydrogel construct on-a-chip for mimicry of cardiac tissue in-vitro study. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 225-230.	2.1	21
122	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
123	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
124	Expression Change of miR-214 and miR-135 during Muscle Differentiation. <i>Cell Journal</i> , 2015, 17, 461-70.	0.2	21
125	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
126	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

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127	NETosis and SARS-COV-2 infection related thrombosis: a narrative review. <i>Thrombosis Journal</i> , 2022, 20, 13.	2.1	20
128	Synthesis and application of magnetite dextran-spermine nanoparticles in breast cancer hyperthermia. <i>Progress in Biomaterials</i> , 2017, 6, 75-84.	4.5	19
129	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
130	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
131	Stem cell therapy for treatment of epilepsy. <i>Acta Medica Iranica</i> , 2014, 52, 651-5.	0.8	19
132	Efficient programming of human eye conjunctiva-derived induced pluripotent stem (ECiPS) cells into definitive endoderm-like cells. <i>Experimental Cell Research</i> , 2014, 322, 51-61.	2.6	18
133	Linolenic acid improves oocyte developmental competence and decreases apoptosis of <i>in vitro</i> -produced blastocysts in goat. <i>Zygote</i> , 2016, 24, 537-548.	1.1	18
134	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
135	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. <i>Journal of Cellular Physiology</i> , 2019, 234, 11247-11255.	4.1	18
136	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
137	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
138	Adverse effect of high glucose concentration on stem cell therapy. <i>International Journal of Hematology-Oncology and Stem Cell Research</i> , 2013, 7, 34-40.	0.3	18
139	Fluoxetine upregulates connexin 43 expression in astrocyte. <i>Basic and Clinical Neuroscience</i> , 2014, 5, 74-9.	0.6	18
140	Derivation of male germ cells from induced pluripotent stem cells by inducers: A review. <i>Cytotherapy</i> , 2018, 20, 279-290.	0.7	17
141	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
142	<i>Rn7SK</i> small nuclear RNA is involved in neuronal differentiation. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3174-3182.	2.6	17
143	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
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