

Masoud Soleimani

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,749
citations

304368

22
h-index

288905

40
g-index

62
all docs

62
docs citations

62
times ranked

3009
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunomodulatory effects of mesenchymal stem cell-derived exosomes on experimental type 1 autoimmune diabetes. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9433-9443.	1.2	186
2	Sinus augmentation using human mesenchymal stem cells loaded into a β -tricalcium phosphate/hydroxyapatite scaffold. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 106, 203-209.	1.6	159
3	Repair of alveolar cleft defect with mesenchymal stem cells and platelet derived growth factors: A preliminary report. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2012, 40, 2-7.	0.7	141
4	Secondary repair of alveolar clefts using human mesenchymal stem cells. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, e1-e6.	1.6	98
5	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.	1.5	59
6	Safety and possible outcome assessment of autologous Schwann cell and bone marrow mesenchymal stromal cell co-transplantation for treatment of patients with chronic spinal cord injury. <i>Cytotherapy</i> , 2013, 15, 782-791.	0.3	57
7	The nanofibrous PAN-PANi scaffold as an efficient substrate for skeletal muscle differentiation using satellite cells. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1163-1172.	1.7	56
8	Promoted chondrogenesis of hMCSs with controlled release of TGF- β 23 via microfluidics synthesized alginate nanogels. <i>Carbohydrate Polymers</i> , 2020, 229, 115551.	5.1	53
9	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.	1.7	52
10	Incorporation of SPION-casein core-shell into silk fibroin nanofibers for cardiac tissue engineering. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 2981-2993.	1.2	45
11	Coagulation abnormalities in SARS-CoV-2 infection: overexpression tissue factor. <i>Thrombosis Journal</i> , 2020, 18, 38.	0.9	45
12	In vivo immunomodulatory effects of adipose-derived mesenchymal stem cells conditioned medium in experimental autoimmune encephalomyelitis. <i>Immunology Letters</i> , 2016, 172, 94-105.	1.1	44
13	Overexpression of microRNA-16 declines cellular growth, proliferation and induces apoptosis in human breast cancer cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 604-611.	0.7	43
14	Identification of mutation in GTPBP2 in patients of a family with neurodegeneration accompanied by iron deposition in the brain. <i>Neurobiology of Aging</i> , 2016, 38, 216.e11-216.e18.	1.5	43
15	MicroRNAs modulating angiogenesis: miR-129-1 and miR-133 act as angio-miR in HUVECs. <i>Tumor Biology</i> , 2016, 37, 9527-9534.	0.8	40
16	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.	0.9	40
17	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.	1.0	38
18	Mutation in <i>ADORA1</i> identified as likely cause of early-onset parkinsonism and cognitive dysfunction. <i>Movement Disorders</i> , 2016, 31, 1004-1011.	2.2	38

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19	Pancreatic islet differentiation of human embryonic stem cells by microRNA overexpression. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, 527-534.	1.3	36
20	Ankylosing spondylitis and mesenchymal stromal/stem cell therapy: a new therapeutic approach. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1196-1205.	2.5	31
21	A Novel Protocol to Differentiate Induced Pluripotent Stem Cells by Neuronal microRNAs to Provide a Suitable Cellular Model. <i>Chemical Biology and Drug Design</i> , 2015, 86, 232-238.	1.5	23
22	An in situ hydrogel-forming scaffold loaded by PLGA microspheres containing carbon nanotube as a suitable niche for neural differentiation. <i>Materials Science and Engineering C</i> , 2021, 120, 111739.	3.8	23
23	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.	0.8	22
24	Ammonia plasma-treated electrospun polyacrylonitrile nanofibrous membrane: the robust substrate for protein immobilization through glutaraldehyde coupling chemistry for biosensor application. <i>Scientific Reports</i> , 2017, 7, 9441.	1.6	22
25	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.	1.0	21
26	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.	1.6	21
27	Conjunctiva derived mesenchymal stem cell (CJMSCs) as a potential platform for differentiation into corneal epithelial cells on bioengineered electrospun scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2703-2711.	2.1	20
28	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.	1.7	19
29	Safety of intraparenchymal injection of allogenic placenta mesenchymal stem cells derived exosome in patients undergoing decompressive craniectomy following malignant middle cerebral artery infarct, a pilot randomized clinical trial. <i>International Journal of Preventive Medicine</i> , 2022, 13, 7.	0.2	18
30	A simple coating method of PDMS microchip with PTFE for synthesis of dexamethasone-encapsulated PLGA nanoparticles. <i>Drug Delivery and Translational Research</i> , 2019, 9, 707-720.	3.0	17
31	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.	0.9	17
32	MSC-derived exosomes carrying a cocktail of exogenous interfering RNAs an unprecedented therapy in era of COVID-19 outbreak. <i>Journal of Translational Medicine</i> , 2021, 19, 164.	1.8	16
33	Efficient biotechnological approach for lentiviral transduction of induced pluripotent stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 743-748.	1.9	15
34	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.	1.6	15
35	Hybrid Magnetic-DNA Directed Immobilisation Approach for Efficient Protein Capture and Detection on Microfluidic Platforms. <i>Scientific Reports</i> , 2017, 7, 194.	1.6	14
36	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.	2.1	14

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37	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.	3.8	13
38	Stem Cell-Derived Exosomes as Treatment for Stroke: a Systematic Review. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 428-438.	1.7	12
39	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.	0.6	12
40	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.	1.2	12
41	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.	1.2	11
42	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.	1.7	10
43	Hypoxia preconditioned mesenchymal stem cell-derived exosomes induce ex vivo expansion of umbilical cord blood hematopoietic stem cells <scp>CD133</scp>+ by stimulation of Notch signaling pathway. <i>Biotechnology Progress</i> , 2022, 38, e3222.	1.3	9
44	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.	1.3	9
45	BCc1, the novel antineoplastic nanocomplex, showed potent anticancer effects in vitro and in vivo. <i>Drug Design, Development and Therapy</i> , 2016, 10, 59.	2.0	8
46	LY86, LRG1 and PDE9A genes overexpression in umbilical cord blood hematopoietic stem progenitor cells by acute myeloid leukemia (M3) microvesicles. <i>Experimental Hematology and Oncology</i> , 2019, 8, 23.	2.0	8
47	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.	1.0	6
48	Aspirin effect on bone remodeling and skeletal regeneration: Review article. <i>Tissue and Cell</i> , 2022, 76, 101753.	1.0	6
49	Treatment of diabetic mice by microfluidic system-assisted transplantation of stem cells-derived insulin-producing cells transduced with miRNA. <i>Life Sciences</i> , 2021, 274, 119338.	2.0	5
50	A Bilayered, Electrospun Poly(Glycerol-Sebacate)/Polyurethane-Polyurethane Scaffold for Engineering of Endothelial Basement Membrane. <i>ASAIO Journal</i> , 2022, 68, 123-132.	0.9	5
51	Evaluation of dermal growth of keratinocytes derived from foreskin in co-culture condition with mesenchymal stem cells on polyurethane/gelatin/amnion scaffold. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 386-396.	1.8	5
52	Improvement of Heart Function After Transplantation of Encapsulated Stem Cells Induced with miR-1/Myocd in Myocardial Infarction Model of Rat. <i>Cell Transplantation</i> , 2021, 30, 096368972110487.	1.2	4
53	Efficient inhibition of human immunodeficiency virus replication using novel modified microRNA-30a targeting 3'-untranslated region transcripts. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 1833-1838.	0.8	3
54	Expansion of cord blood stem cells in fibronectin-coated microfluidic bioreactor. <i>Hematology, Transfusion and Cell Therapy</i> , 2022, 44, 504-511.	0.1	2

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55	Synergistic effect of microRNA and albumin-bound nanoparticles for inhibition of glioblastoma cancer cell proliferation. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	2
56	Appropriate Scaffold Selection for CNS Tissue Engineering. Avicenna Journal of Medical Biotechnology, 2020, 12, 203-220.	0.2	2
57	Decidual stromal cell therapy for generalized lymphadenopathy as a special clinical manifestation of COVID-19 infection: A case report. Clinical Case Reports (discontinued), 2022, 10, .	0.2	2
58	Risk Factors of Graft-Versus-Host Disease in the Iranian Allogeneic Hematopoietic Stem Cell Transplantation: A 10-Year Experience. Medical Journal of the Islamic Republic of Iran, 2021, 35, 145.	0.9	1
59	MiR-1290: a potential therapeutic target for regenerative medicine or diagnosis and treatment of non-malignant diseases. Clinical and Experimental Medicine, 2023, 23, 737-750.	1.9	1
60	AntagomiR-19a Induced Better Responsiveness to Bortezomib in Myeloma Cell Lines. Cell Journal, 2021, 23, 503-509.	0.2	0
61	Soluble T Cell Immunoglobulin and Mucin Domain-3 (sTIM-3) Predict Graft-Versus-Host Disease (GVHD) in Iranian Allogeneic Hematopoietic Stem Cell Transplantation. International Journal of Cancer Management, 2022, 15, .	0.2	0