

# Masoud Soleimani

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55  
papers

1,195  
citations

20  
h-index

34  
g-index

62  
ext. papers

1,475  
ext. citations

4.2  
avg, IF

4.63  
L-index

#	Paper	IF	Citations
55	Sinus augmentation using human mesenchymal stem cells loaded into a beta-tricalcium phosphate/hydroxyapatite scaffold. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2008</b> , 106, 203-9		145
54	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> , <b>2012</b> , 40, 2-7	3.6	116
53	Immunomodulatory effects of mesenchymal stem cell-derived exosomes on experimental type-1 autoimmune diabetes. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 9433-9443	4.7	106
52	Secondary repair of alveolar clefts using human mesenchymal stem cells. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2009</b> , 108, e1-6		85
51	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> , <b>2013</b> , 15, 782-91	4.8	47
50	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> , <b>2016</b> , 53, 24-33	5.8	46
49	The nanofibrous PAN-PANi scaffold as an efficient substrate for skeletal muscle differentiation using satellite cells. <i>Bioprocess and Biosystems Engineering</i> , <b>2016</b> , 39, 1163-72	3.7	43
48	Immunomodulatory effects of adipose-derived mesenchymal stem cells on the gene expression of major transcription factors of T cell subsets. <i>International Immunopharmacology</i> , <b>2014</b> , 20, 316-21	5.8	40
47	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> , <b>2015</b> , 51, 604-11	2.6	40
46	Promoted chondrogenesis of hMCSs with controlled release of TGF- $\beta$ via microfluidics synthesized alginate nanogels. <i>Carbohydrate Polymers</i> , <b>2020</b> , 229, 115551	10.3	35
45	In vivo immunomodulatory effects of adipose-derived mesenchymal stem cells conditioned medium in experimental autoimmune encephalomyelitis. <i>Immunology Letters</i> , <b>2016</b> , 172, 94-105	4.1	34
44	Identification of mutation in GTPBP2 in patients of a family with neurodegeneration accompanied by iron deposition in the brain. <i>Neurobiology of Aging</i> , <b>2016</b> , 38, 216.e11-216.e18	5.6	33
43	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> , <b>2015</b> , 2015, 878535	3.9	31
42	Incorporation of SPION-casein core-shells into silk-fibroin nanofibers for cardiac tissue engineering. <i>Journal of Cellular Biochemistry</i> , <b>2020</b> , 121, 2981-2993	4.7	30
41	Pancreatic islet differentiation of human embryonic stem cells by microRNA overexpression. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2016</b> , 10, 527-34	4.4	29
40	MicroRNAs modulating angiogenesis: miR-129-1 and miR-133 act as angio-miR in HUVECs. <i>Tumor Biology</i> , <b>2016</b> , 37, 9527-34	2.9	27
39	Mutation in ADORA1 identified as likely cause of early-onset parkinsonism and cognitive dysfunction. <i>Movement Disorders</i> , <b>2016</b> , 31, 1004-11	7	27

38	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> , <b>2017</b> , 2017, 6560234	3	24
37	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> , <b>2015</b> , 86, 232-8	2.9	20
36	Coagulation abnormalities in SARS-CoV-2 infection: overexpression tissue factor. <i>Thrombosis Journal</i> , <b>2020</b> , 18, 38	5.6	20
35	Cell laden hydrogel construct on-a-chip for mimicry of cardiac tissue in-vitro study. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 484, 225-230	3.4	18
34	Ankylosing spondylitis and mesenchymal stromal/stem cell therapy: a new therapeutic approach. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 109, 1196-1205	7.5	17
33	Ammonia plasma-treated electrospun polyacrylonitrile nanofibrous membrane: the robust substrate for protein immobilization through glutaraldehyde coupling chemistry for biosensor application. <i>Scientific Reports</i> , <b>2017</b> , 7, 9441	4.9	16
32	A simple coating method of PDMS microchip with PTFE for synthesis of dexamethasone-encapsulated PLGA nanoparticles. <i>Drug Delivery and Translational Research</i> , <b>2019</b> , 9, 707-720	6.2	15
31	MiR-371-373 cluster acts as a tumor-suppressor-miR and promotes cell cycle arrest in unrestricted somatic stem cells. <i>Tumor Biology</i> , <b>2015</b> , 36, 7765-74	2.9	15
30	miR-548x and miR-4698 controlled cell proliferation by affecting the PI3K/AKT signaling pathway in Glioblastoma cell lines. <i>Scientific Reports</i> , <b>2020</b> , 10, 1558	4.9	15
29	Hybrid Magnetic-DNA Directed Immobilisation Approach for Efficient Protein Capture and Detection on Microfluidic Platforms. <i>Scientific Reports</i> , <b>2017</b> , 7, 194	4.9	12
28	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> , <b>2017</b> , 105, 2703-2711	5.4	11
27	Efficient biotechnological approach for lentiviral transduction of induced pluripotent stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2016</b> , 44, 743-8	6.1	11
26	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> , <b>2021</b> , 120, 111739	8.3	11
25	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> , <b>2021</b> , 120, 111677	8.3	8
24	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> , <b>2021</b> , 19, 164	8.5	7
23	BCc1, the novel antineoplastic nanocomplex, showed potent anticancer effects in vitro and in vivo. <i>Drug Design, Development and Therapy</i> , <b>2016</b> , 10, 59-70	4.4	6
22	Effect of Hypoxia Preconditioned Adipose-Derived Mesenchymal Stem Cell Conditioned Medium on Cerulein-Induced Acute Pancreatitis in Mice. <i>Advanced Pharmaceutical Bulletin</i> , <b>2020</b> , 10, 297-306	4.5	6
21	Bioartificial injectable cartilage implants from demineralized bone matrix/PVA and related studies in rabbit animal model. <i>Journal of Biomaterials Applications</i> , <b>2021</b> , 35, 1315-1326	2.9	6

20	Stem Cell-Derived Exosomes as Treatment for Stroke: a Systematic Review. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 428-438	7.3	6
19	The Potential Therapeutic Effect of RNA Interference and Natural Products on COVID-19: A Review of the Coronaviruses Infection. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 616993	5.6	6
18	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> , <b>2019</b> , 8, 23	7.8	5
17	The potential role of miR-1290 in cancer progression, diagnosis, prognosis, and treatment: An oncomiR or onco-suppressor microRNA?. <i>Journal of Cellular Biochemistry</i> , <b>2021</b> ,	4.7	3
16	Hypoxia preconditioned mesenchymal stem cell-derived exosomes induce ex vivo expansion of umbilical cord blood hematopoietic stem cells CD133+ by stimulation of Notch signaling pathway. <i>Biotechnology Progress</i> , <b>2021</b> , e3222	2.8	3
15	miR-424 induces apoptosis in glioblastoma cells and targets AKT1 and RAF1 oncogenes from the ERBB signaling pathway. <i>European Journal of Pharmacology</i> , <b>2021</b> , 906, 174273	5.3	3
14	Efficient inhibition of human immunodeficiency virus replication using novel modified microRNA-30a targeting 3' untranslated region transcripts. <i>Experimental and Therapeutic Medicine</i> , <b>2016</b> , 11, 1833-1838	2.1	2
13	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> , <b>2022</b> , 13, 7	1.6	2
12	Treatment of diabetic mice by microfluidic system-assisted transplantation of stem cells-derived insulin-producing cells transduced with miRNA. <i>Life Sciences</i> , <b>2021</b> , 274, 119338	6.8	2
11	A Bilayered, Electrospun Poly(Glycerol-Sebacate)/Polyurethane-Polyurethane Scaffold for Engineering of Endothelial Basement Membrane. <i>ASAIO Journal</i> , <b>2021</b> ,	3.6	2
10	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> , <b>2021</b> , 16,	3.5	2
9	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> , <b>2021</b> ,	2.7	2
8	Aspirin effect on bone remodeling and skeletal regeneration: Review article.. <i>Tissue and Cell</i> , <b>2022</b> , 76, 101753	2.7	1
7	Appropriate Scaffold Selection for CNS Tissue Engineering. <i>Avicenna Journal of Medical Biotechnology</i> , <b>2020</b> , 12, 203-220	1.4	1
6	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> , <b>2021</b> , 30, 9636897211048786	4	1
5	Risk Factors of Graft-Versus-Host Disease in the Iranian Allogeneic Hematopoietic Stem Cell Transplantation: A 10-Year Experience.. <i>Medical Journal of the Islamic Republic of Iran</i> , <b>2021</b> , 35, 145	1.1	0
4	A systematic review of extracellular vesicles as non-invasive biomarkers in glioma diagnosis, prognosis, and treatment response monitoring. <i>Molecular Biology Reports</i> , <b>2021</b> , 48, 6971-6985	2.8	0
3	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> , 1-11	3	0

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| 2 | Decidual stromal cell therapy for generalized lymphadenopathy as a special clinical manifestation of COVID-19 infection: A case report. <i>Clinical Case Reports (discontinued)</i> , <b>2022</b> , 10, | 0.7 | o |
| 1 | AntagomiR-19a Induced Better Responsiveness to Bortezomib in Myeloma Cell Lines. <i>Cell Journal</i> , <b>2021</b> , 23, 503-509  | 2.4 |   |