

# Tahereh Talaei-khozani

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

1,188  
citations

516215

16  
h-index

454577

30  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of PLA/PCL/HA composite scaffolds using indirect 3D printing for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2019, 104, 109960.	3.8	212
2	Mesenchymal stem cells: amazing remedies for bone and cartilage defects. <i>Stem Cell Research and Therapy</i> , 2020, 11, 492.	2.4	128
3	Decellularized human ovarian scaffold based on a sodium lauryl ester sulfate (SLES)-treated protocol, as a natural three-dimensional scaffold for construction of bioengineered ovaries. <i>Stem Cell Research and Therapy</i> , 2018, 9, 252.	2.4	85
4	Fabrication and characterization of platelet-rich plasma scaffolds for tissue engineering applications. <i>Materials Science and Engineering C</i> , 2017, 71, 372-380.	3.8	51
5	Origins of the breast milk-derived cells; an endeavor to find the cell sources. <i>Cell Biology International</i> , 2015, 39, 611-618.	1.4	48
6	Cytotoxicity assessment of adipose-derived mesenchymal stem cells on synthesized biodegradable Mg-Zn-Ca alloys. <i>Materials Science and Engineering C</i> , 2016, 69, 584-597.	3.8	45
7	Effects of vitamin D on steroidogenesis, reactive oxygen species production, and enzymatic antioxidant defense in human granulosa cells of normal and polycystic ovaries. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 197, 105521.	1.2	28
8	Decellularized liver transplant could be recellularized in rat partial hepatectomy model. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2576-2588.	2.1	27
9	Characterization, recellularization, and transplantation of rat decellularized testis scaffold with bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 324.	2.4	25
10	Comparison of the Expression of Hepatic Genes by Human Wharton's Jelly Mesenchymal Stem Cells Cultured in 2D and 3D Collagen Culture Systems. <i>Iranian Journal of Medical Sciences</i> , 2016, 41, 28-36.	0.3	25
11	Comparative assessment of the efficiency of various decellularization agents for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 19-32.	1.6	24
12	Effects of L-carnitine and L-acetyl-carnitine on testicular sperm motility and chromatin quality. <i>Iranian Journal of Reproductive Medicine</i> , 2012, 10, 77-82.	0.8	24
13	An in vitro model for hepatocyte-like cell differentiation from Wharton's jelly derived-mesenchymal stem cells by cell-base aggregates. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2015, 8, 188-99.	0.6	23
14	Synergic effects of decellularized bone matrix, hydroxyapatite, and extracellular vesicles on repairing of the rabbit mandibular bone defect model. <i>Journal of Translational Medicine</i> , 2020, 18, 361.	1.8	22
15	Effects of Platelet-Rich Plasma on Kidney Regeneration in Gentamicin-Induced Nephrotoxicity. <i>Journal of Korean Medical Science</i> , 2017, 32, 13.	1.1	21
16	Growth suppression effect of human mesenchymal stem cells from bone marrow, adipose tissue, and Wharton's jelly of umbilical cord on PBMCs. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 145-53.	1.0	20
17	AICAR and nicotinamide treatment synergistically augment the proliferation and attenuate senescence-associated changes in mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 45.	2.4	18
18	Wharton's Jelly-derived Mesenchymal Stem Cells can Differentiate into Hepatocyte-like Cells by HepG2 Cell Line Extract. <i>Iranian Journal of Medical Sciences</i> , 2015, 40, 143-51.	0.3	18

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19	Differentiation of Wharton's jelly mesenchymal stem cells into neurons in alginate scaffold. <i>Neural Regeneration Research</i> , 2015, 10, 1312.	1.6	17
20	Heparin/Collagen 3D Scaffold Accelerates Hepatocyte Differentiation of Wharton's Jelly-Derived Mesenchymal Stem Cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 443-452.	1.6	15
21	Curcumin prevents neuronal loss and structural changes in the superior cervical (sympathetic) ganglion induced by chronic sleep deprivation, in the rat model. <i>Biological Research</i> , 2020, 53, 31.	1.5	14
22	Effect of BMP4 preceded by retinoic acid and culturing ovarian somatic cells on differentiation of mouse embryonic stem cells into oocyte-like cells. <i>Development Growth and Differentiation</i> , 2015, 57, 378-388.	0.6	13
23	Protective effects of curcumin co-treatment in rats with establishing chronic variable stress on testis and reproductive hormones. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 447-452.	0.5	13
24	Engineered artificial articular cartilage made of decellularized extracellular matrix by mechanical and IGF-1 stimulation. , 2022, 139, 213019.		13
25	Differentiation Potential of Breast Milk-Derived Mesenchymal Stem Cells into Hepatocyte-Like Cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 587-593.	1.6	12
26	Comparison and evaluation of capacitation and acrosomal reaction in freeze-thawed human ejaculated spermatozoa treated with L-carnitine and pentoxifylline. <i>Andrologia</i> , 2018, 50, e12845.	1.0	12
27	Toxic effects of <i>Elaeagnus angustifolia</i> fruit extract on chondrogenesis and osteogenesis in mouse limb buds. <i>Tokai Journal of Experimental and Clinical Medicine</i> , 2011, 36, 63-70.	0.4	12
28	Fabrication of platelet-rich plasma heparin sulfate/hydroxyapatite/zirconia scaffold. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2018, 7, 122-130.	0.7	11
29	Effects of pomegranate extracts on cartilage, bone and mesenchymal cells of mouse fetuses. <i>British Journal of Nutrition</i> , 2012, 107, 683-690.	1.2	10
30	Fabrication of platelet-rich plasma/silica scaffolds for bone tissue engineering. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2018, 7, 74-81.	0.7	9
31	Enhanced chondrogenic differentiation of dental pulp-derived mesenchymal stem cells in 3D pellet culture system: effect of mimicking hypoxia. <i>Biologia (Poland)</i> , 2018, 73, 715-726.	0.8	9
32	The decellularized ovary as a potential scaffold for maturation of preantral ovarian follicles of prepubertal mice. <i>Systems Biology in Reproductive Medicine</i> , 2021, 67, 413-427.	1.0	9
33	Hepatogenic Differentiation Capacity of Human Wharton's Jelly Mesenchymal Stem Cell in a Co-culturing System with Endothelial Cells in Matrigel/collagen Scaffold in the Presence of Fetal Liver Extract. <i>International Journal of Stem Cells</i> , 2017, 10, 218-226.	0.8	9
34	A postulated role of testosterone for prevention of cisplatin gonadal toxicity. <i>Medical Hypotheses</i> , 2007, 68, 525-527.	0.8	8
35	Lectins influence chondrogenesis and osteogenesis in limb bud mesenchymal cells. <i>Glycoconjugate Journal</i> , 2011, 28, 89-98.	1.4	7
36	Cardiomyocyte marker expression in a human lymphocyte cell line using mouse cardiomyocyte extract. <i>Human Cell</i> , 2011, 24, 35-42.	1.2	7

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37	Effects of platelet-rich plasma on liver regeneration in CCl4-induced hepatotoxicity model. <i>Platelets</i> , 2016, 27, 771-776.	1.1	7
38	Thymoquinone loading into hydroxyapatite/alginate scaffolds accelerated the osteogenic differentiation of the mesenchymal stem cells. <i>BioMedical Engineering OnLine</i> , 2021, 20, 76.	1.3	7
39	Evaluation of the Possible Synergic Regenerative Effects of Platelet-Rich Plasma and Hydroxyapatite/Zirconia in the Rabbit Mandible Defect Model. <i>Iranian Journal of Medical Sciences</i> , 2018, 43, 633-644.	0.3	7
40	The influence of fibroblast growth factor 4 on hepatogenic capacity of Wharton's jelly mesenchymal stromal cells. <i>Romanian Journal of Morphology and Embryology</i> , 2015, 56, 1043-50.	0.4	7
41	Comparison of hepatic nuclear factor-4 expression in two- and three-dimensional culture of Wharton's jelly-derived cells exposed to hepatogenic medium. <i>Romanian Journal of Morphology and Embryology</i> , 2015, 56, 1365-70.	0.4	7
42	Fabrication and Characterization of Heparin/Collagen Sponge for in Vitro Differentiation of Wharton's Jelly-Derived Mesenchymal Stem Cells into Hepatocytes. <i>Hepatitis Monthly</i> , 2017, 17, .	0.1	6
43	Expression of pluripotency markers in human granulosa cells after embryonic stem cell extract exposure and epigenetic modification. <i>Iranian Journal of Reproductive Medicine</i> , 2012, 10, 193-200.	0.8	6
44	Protective effects of curcumin co-treatment in rats with establishing chronic variable stress on testis and reproductive hormones. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 447-452.	0.5	6
45	An overview of post transplantation events of decellularized scaffolds. <i>Transplant Immunology</i> , 2022, 74, 101640.	0.6	6
46	Expression of $\alpha 2$ , $\alpha 5$ and $\alpha 6$ subunits of integrin in de-differentiated NIH3T3 cells by cell-free extract of embryonic stem cells. <i>Molecular Biology Reports</i> , 2012, 39, 7339-7346.	1.0	5
47	Down regulation of ITGA4 and ITGA5 genes after formation of 3D spherules by human Wharton's jelly stem cells (hWJSCs). <i>Molecular Biology Reports</i> , 2018, 45, 245-252.	1.0	5
48	Lectin Profile Variation in Mesenchymal Stem Cells Derived from Different Sources. <i>Cells Tissues Organs</i> , 2019, 208, 101-112.	1.3	5
49	Comparison of the Characteristics of Breast Milk-derived Stem Cells with the Stem Cells Derived from the Other Sources: A Comparative Review. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, .	0.6	5
50	Attenuation of osteoarthritis progression through intra-articular injection of a combination of synovial membrane-derived MSCs (SMMSCs), platelet-rich plasma (PRP) and conditioned medium (secretome). <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 102.	0.9	5
51	Cardiomyocyte marker expression in mouse embryonic fibroblasts by cell-free cardiomyocyte extract and epigenetic manipulation. <i>Iranian Journal of Medical Sciences</i> , 2014, 39, 203-12.	0.3	4
52	The effect of amniotic membrane extract on umbilical cord blood mesenchymal stem cell expansion: is there any need to save the amniotic membrane besides the umbilical cord blood?. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 89-96.	1.0	4
53	Improved BALB/c mice granulosa cell functions using purified alginate scaffold. <i>Iranian Journal of Veterinary Research</i> , 2018, 19, 182-188.	0.4	4
54	Delayed BMP4 exposure increases germ cell differentiation in mouse embryonic stem cells. <i>Romanian Journal of Morphology and Embryology</i> , 2014, 55, 297-303.	0.4	4

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55	Lectin reactivity of expanded mouse blastocysts after exposure to sera from women with unexplained recurrent spontaneous abortion. <i>Reproductive Toxicology</i> , 2005, 20, 531-537.	1.3	3
56	Stress affects surface glycoconjugates of the rat endometrium at the time of implantation. <i>Glycoconjugate Journal</i> , 2017, 34, 671-677.	1.4	3
57	In Vitro Characterization of Multilamellar Fibers with Uniaxially Oriented Electrospun Type I Collagen Scaffolds. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-13.	1.0	3
58	Epidermal growth factor and three-dimensional scaffolds provide conducive environment for differentiation of mouse embryonic stem cells into oocyte-like cells. <i>Cell Biology International</i> , 2020, 44, 1850-1859.	1.4	3
59	Comparison of cell viability and embryoid body size of two embryonic stem cell lines after different exposure times to bone morphogenetic protein 4. <i>Iranian Journal of Medical Sciences</i> , 2015, 40, 110-7.	0.3	3
60	Prednisolone and mesenchymal stem cell preloading protect liver cell migration and mitigate extracellular matrix modification in transplanted decellularized rat liver. <i>Stem Cell Research and Therapy</i> , 2022, 13, 36.	2.4	3
61	The effect of the follicular fluid on sperm chromatin quality in comparison with conventional media. <i>European Review for Medical and Pharmacological Sciences</i> , 2012, 16, 1840-6.	0.5	3
62	Changes of Heart Glycoconjugates by Noise Stress in Mouse as an Experimental Model. <i>Journal of Applied Animal Research</i> , 2005, 27, 121-124.	0.4	2
63	Fabrication of Pentoxifylline-Loaded Hydroxyapatite/Alginate Scaffold for Bone Tissue Engineering. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , 0, 47, 25-40.	0.5	2
64	Lectin Histochemistry Showed a Heterogeneous Population of Cells Among Human Mesenchymal Stem Cells Isolated From Adipose Tissue. <i>Journal of Advanced Medical Sciences and Applied Technologies</i> , 2017, 3, 77.	0.3	2
65	Effects of L-carnitine and pentoxifylline on carbohydrate distribution of mouse testicular sperm membrane. <i>Iranian Journal of Medical Sciences</i> , 2013, 38, 107-15.	0.3	2
66	Fetal microchimerism in mouse caerulein-induced pancreatitis model. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 889-895.	1.0	2
67	Electromagnetic Fields of Mobile Phone Jammer Exposure on Blood Factors in Rats. <i>Journal of Biomedical Physics and Engineering</i> , 2018, 8, 403-408.	0.5	2
68	Apoptosis, Autophagy, and Necrosis in Murine Embryonic Gonadal Ridges and Neonatal Ovaries: An Animal Model. <i>Iranian Journal of Medical Sciences</i> , 2019, 44, 35-43.	0.3	2
69	Different cell death types determination in juvenile mice ovarian follicles. <i>Iranian Journal of Veterinary Research</i> , 2018, 19, 298-303.	0.4	2
70	Synergistic impact of platelet rich plasma-heparin sulfate with hydroxyapatite/zirconia on the osteoblast differentiation potential of adipose-derived mesenchymal stem cells. <i>Cell and Tissue Banking</i> , 2021, , 1.	0.5	1
71	Effects of sera taken from women with recurrent spontaneous abortion on sperm motility and apoptosis. <i>Iranian Journal of Reproductive Medicine</i> , 2011, 9, 125-30.	0.8	1
72	The Effect of <i>Sargassum angustifolium</i> Brown Seaweed Extracts on Gut Microbiota in Induced Obese Male Rats. <i>Biology, Medicine &amp; Natural Product Chemistry</i> , 2022, 11, 55-63.	0.1	1

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73	Histochemical Study of the Effects of Noise on the Cell Surface and Extracellular Matrix Glycoconjugates of the Developing Mouse Cochlea. <i>Journal of Applied Animal Research</i> , 2007, 31, 209-212.	0.4	0
74	Histochemical Study of the Rat Uterine Glycoconjugate Alteration following Treatment with Exogenous Gonadotropic Hormones during the Implantation Period. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	0
75	The effects of activated omental extract on nuclear and cytoplasmic maturation of rat oocytes. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 1345-1353.	1.0	0