

# Mousa Kehtari

## List of Publications by Year in descending order

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29  
papers

601  
citations

516561

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610775

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docs citations

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times ranked

885  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved biological behaviours and osteoinductive capacity of the gelatin nanofibers while composites with <sc>GO</sc>/<sc>MgO</sc>. Cell Biochemistry and Function, 2022, 40, 203-212.	1.4	4
2	Designing a novel 3D nanofibrous scaffold based on nanoalloy AuAg NPs (AuAg@ PAN NFs) for osteogenic differentiation of human adipose derived mesenchymal stem cells (hADMSCs). European Polymer Journal, 2022, 167, 111073.	2.6	1
3	Microfluidic-Based Droplets for Advanced Regenerative Medicine: Current Challenges and Future Trends. Biosensors, 2022, 12, 20.	2.3	14
4	An in situ hydrogel-forming scaffold loaded by PLGA microspheres containing carbon nanotube as a suitable niche for neural differentiation. Materials Science and Engineering C, 2021, 120, 111739.	3.8	23
5	Improved efficiency of genome editing by constitutive expression of Cas9 endonuclease in genetically-modified mice. 3 Biotech, 2021, 11, 56.	1.1	1
6	In vivo bone regeneration using a bioactive nanocomposite scaffold and human mesenchymal stem cells. Cell and Tissue Banking, 2021, 22, 467-477.	0.5	8
7	The effect of PLLA/PVA nanofibrous scaffold on the chondrogenesis of human induced pluripotent stem cells. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, 69, 669-677.	1.8	14
8	Incorporation of SPIONâ€œcasein coreâ€œshells into silkâ€œfibroin nanofibers for cardiac tissue engineering. Journal of Cellular Biochemistry, 2020, 121, 2981-2993.	1.2	45
9	Decellularized amniotic membrane Scaffolds improve differentiation of iPSCs to functional hepatocyteâ€œlike cells. Journal of Cellular Biochemistry, 2020, 121, 1169-1181.	1.2	23
10	Electrical stimulation induces differentiation of human cardiosphere-derived cells (hCDCs) to committed cardiomyocyte. Molecular and Cellular Biochemistry, 2020, 470, 29-39.	1.4	10
11	Improved efficacy of bioâ€œmineralization of human mesenchymal stem cells on modified PLLA nanofibers coated with bioactive materials via enhanced expression of integrin Î±2Î²1. Polymers for Advanced Technologies, 2020, 31, 2325.	1.6	2
12	DKK1 expression is suppressed by miR-9 during induced dopaminergic differentiation of human trabecular meshwork mesenchymal stem cells. Neuroscience Letters, 2019, 707, 134250.	1.0	5
13	Fucosylated umbilical cord blood hematopoietic stem cell expansion on selectinâ€œcoated scaffolds. Journal of Cellular Physiology, 2019, 234, 22593-22603.	2.0	2
14	Vascular tissue engineering: Fabrication and characterization of acetylsalicylic acidâ€œloaded electrospun scaffolds coated with amniotic membrane lysate. Journal of Cellular Physiology, 2019, 234, 16080-16096.	2.0	35
15	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.	1.2	39
16	Zinc silicate mineral-coated scaffold improved in vitro osteogenic differentiation of equine adipose-derived mesenchymal stem cells. Research in Veterinary Science, 2019, 124, 444-451.	0.9	17
17	The effect of nanofibre-based polyethersulfone (PES) scaffold on the chondrogenesis of human induced pluripotent stem cells. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1-9.	1.9	27
18	Generation of insulin-producing cells from human induced pluripotent stem cells on PLLA/PVA nanofiber scaffold. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1062-1069.	1.9	53

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19	Enhanced chondrogenesis differentiation of human induced pluripotent stem cells by MicroRNA-140 and transforming growth factor beta 3 (TGFβ3). <i>Biologicals</i> , 2018, 52, 30-36.	0.5	23
20	Derivation of male germ cells from induced pluripotent stem cells by inducers: A review. <i>Cytotherapy</i> , 2018, 20, 279-290.	0.3	17
21	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.	1.9	26
22	Enhanced chondrogenesis of human bone marrow mesenchymal Stem Cell (BMSC) on nanofiber-based polyethersulfone (PES) scaffold. <i>Gene</i> , 2018, 643, 98-106.	1.0	38
23	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.	1.9	14
24	Natural Compounds for Skin Tissue Engineering by Electrospinning of Nylon-Beta Vulgaris. <i>ASAIO Journal</i> , 2018, 64, 261-269.	0.9	20
25	Osteogenic differentiation of Wharton's jelly-derived mesenchymal stem cells cultured on WJ-scaffold through conventional signalling mechanism. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, S1032-S1042.	1.9	11
26	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.	3.8	42
27	PCL/PVA nanofibrous scaffold improve insulin-producing cells generation from human induced pluripotent stem cells. <i>Gene</i> , 2018, 671, 50-57.	1.0	51
28	The osmolyte type affects cartilage associated pathologic marker expression during in vitro mesenchymal stem cell chondrogenesis under hypertonic conditions. <i>Cellular and Molecular Biology</i> , 2018, 64, 56.	0.3	1
29	Improved stem cell therapy of spinal cord injury using GDNF-overexpressed bone marrow stem cells in a rat model. <i>Biologicals</i> , 2017, 50, 73-80.	0.5	35