

Jafar Ai

List of Publications by Year in descending order

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Version: 2024-02-01

191
papers

5,737
citations

71102

41
h-index

123424

61
g-index

206
all docs

206
docs citations

206
times ranked

7110
citing authors

#	ARTICLE	IF	CITATIONS
1	Curcumin-loaded human endometrial stem cells derived exosomes as an effective carrier to suppress alpha-synuclein aggregates in 6OHDA-induced Parkinson's disease mouse model. <i>Cell and Tissue Banking</i> , 2023, 24, 75-91.	1.1	13
2	An overview on tumor treating fields (TTFields) technology as a new potential subsidiary biophysical treatment for COVID-19. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1605-1615.	5.8	4
3	The effects of Sorafenib and Natural killer cell co-injection in combinational treatment of hepatocellular carcinoma; an in vivo approach. <i>Pharmacological Reports</i> , 2022, 74, 379-391.	3.3	1
4	Synergistic inhibitory effect of human umbilical cord matrix mesenchymal stem cells-conditioned medium and atorvastatin on MCF7 cancer cells viability and migration. <i>Cell and Tissue Banking</i> , 2022, 23, 767-789.	1.1	2
5	Fabrication and Characterization of a Three-Dimensional Fibrin Gel Model to Evaluate Anti-Proliferative Effects of Astragalus hamosus Plant Extract on Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 731-741.	1.2	9
6	Atorvastatin Inhibits Viability and Migration of MCF7 Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 867-875.	1.2	4
7	Stem Cell Therapy in Limb Ischemia: State-of-Art, Perspective, and Possible Impacts of Endometrial-Derived Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	5
8	Hyaluronic acid/gelatin microcapsule functionalized with carbon nanotube through laccase-catalyzed crosslinking for fabrication of cardiac microtissue. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 1866-1880.	4.0	9
9	Preparation and characterization of 3D nanocomposite scaffold from bioactive glass/ β -tricalcium phosphate via Robocasting method for bone tissue engineering. <i>Journal of Non-Crystalline Solids</i> , 2022, 593, 121769.	3.1	10
10	Repair of injured spinal cord using platelet-rich plasma- and endometrial stem cells-loaded chitosan scaffolds. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 1002-1011.	3.4	5
11	Defining the role of 17β -estradiol in human endometrial stem cells differentiation into neuron-like cells. <i>Cell Biology International</i> , 2021, 45, 140-153.	3.0	17
12	Metformin-Loaded PCL/PVA Fibrous Scaffold Preseeded with Human Endometrial Stem Cells for Effective Guided Bone Regeneration Membranes. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 222-231.	5.2	12
13	Chitosan hydrogel loaded with <i>Aloe vera</i> gel and tetrasodium ethylenediaminetetraacetic acid (EDTA) as the wound healing material: in vitro and in vivo study. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50225.	2.6	22
14	Comparison of insulin secretion by transduced adipose-derived and endometrial-derived stem cells in 2D and 3D cultures on fibrin scaffold. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1036-1044.	4.0	2
15	Application of Platelet Rich Fibrin in Tissue Engineering: Focus on Bone Regeneration. <i>Platelets</i> , 2021, 32, 183-188.	2.3	19
16	Tissue-engineered nerve graft using silk fibroin/polycaprolactone fibrous mats decorated with bioactive cerium oxide nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1588-1599.	4.0	27
17	miR-219 overexpressing oligodendrocyte progenitor cells for treating compression spinal cord injury. <i>Metabolic Brain Disease</i> , 2021, 36, 1069-1077.	2.9	6
18	An open-label phase 1 clinical trial of the allogeneic side population adipose-derived mesenchymal stem cells in SMA type 1 patients. <i>Neurological Sciences</i> , 2021, , 1.	1.9	1

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19	Anti-IgE monoclonal antibodies as potential treatment in COVID-19. Immunopharmacology and Immunotoxicology, 2021, 43, 259-264.	2.4	16
20	A focus on allogeneic mesenchymal stromal cells as a versatile therapeutic tool for treating multiple sclerosis. Stem Cell Research and Therapy, 2021, 12, 400.	5.5	9
21	Berberine loaded chitosan nanoparticles encapsulated in polysaccharide-based hydrogel for the repair of spinal cord. International Journal of Biological Macromolecules, 2021, 182, 82-90.	7.5	32
22	Adaptive NK Cell Therapy Modulated by Anti-PD-1 Antibody in Gastric Cancer Model. Frontiers in Pharmacology, 2021, 12, 733075.	3.5	14
23	Preparation and characterization of <scp>58S</scp> bioactive glass based scaffold with Kaempferolâ€containing Zein coating for bone tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1259-1270.	3.4	13
24	Improving motor neuron-like cell differentiation of hEnSCs by the combination of epothilone B loaded PCL microspheres in optimized 3D collagen hydrogel. Scientific Reports, 2021, 11, 21722.	3.3	7
25	Influence of Follicular Fluid and Seminal Plasma on The Expression of Endometrial Receptivity Genes in Endometrial Cells. Cell Journal, 2021, 22, 457-466.	0.2	1
26	Fibrin hydrogel as a scaffold for differentiation of induced pluripotent stem cells into oligodendrocytes. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 192-200.	3.4	18
27	Electro-conductive carbon nanofibers as the promising interfacial biomaterials for bone tissue engineering. Journal of Molecular Liquids, 2020, 298, 112021.	4.9	48
28	Resveratrol-loaded polyurethane nanofibrous scaffold: viability of endothelial and smooth muscle cells. Biomedical Materials (Bristol), 2020, 15, 015001.	3.3	22
29	Natural biomacromolecule based composite scaffolds from silk fibroin, gelatin and chitosan toward tissue engineering applications. International Journal of Biological Macromolecules, 2020, 154, 1285-1294.	7.5	88
30	Cell encapsulation in core-shell microcapsules through coaxial electrospinning system and horseradish peroxidase-catalyzed crosslinking. Biomedical Physics and Engineering Express, 2020, 6, 015022.	1.2	24
31	Enhanced sciatic nerve regeneration by poly-L-lactic acid/multi-wall carbon nanotube neural guidance conduit containing Schwann cells and curcumin encapsulated chitosan nanoparticles in rat. Materials Science and Engineering C, 2020, 109, 110564.	7.3	66
32	Encapsulation of curcumin loaded chitosan nanoparticle within poly (Îµ-caprolactone) and gelatin fiber mat for wound healing and layered dermal reconstitution. International Journal of Biological Macromolecules, 2020, 153, 1241-1250.	7.5	105
33	Stem Cells and Hydrogels for Liver Tissue Engineering: Synergistic Cure for Liver Regeneration. Stem Cell Reviews and Reports, 2020, 16, 1092-1104.	3.8	13
34	Proanthocyanidin as a crosslinking agent for fibrin, collagen hydrogels and their composites with decellularized Whartonâ€™s-jelly-extract for tissue engineering applications. Journal of Bioactive and Compatible Polymers, 2020, 35, 554-571.	2.1	15
35	Microtubule stabilizer epothilone B as a motor neuron differentiation agent for human endometrial stem cells. Cell Biology International, 2020, 44, 1168-1183.	3.0	13
36	Fabrication of chitosan-polyvinyl alcohol and silk electrospun fiber seeded with differentiated keratinocyte for skin tissue regeneration in animal wound model. Journal of Biological Engineering, 2020, 14, 27.	4.7	62

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37	Delivery of injectable thermo-sensitive hydrogel releasing nerve growth factor for spinal cord regeneration in rat animal model. <i>Journal of Tissue Viability</i> , 2020, 29, 359-366.	2.0	28
38	Impact of atorvastatin loaded exosome as an anti-glioblastoma carrier to induce apoptosis of U87 cancer cells in 3D culture model. <i>Biochemistry and Biophysics Reports</i> , 2020, 23, 100792.	1.3	23
39	Simultaneous impact of atorvastatin and mesenchymal stem cells for glioblastoma multiform suppression in rat glioblastoma multiform model. <i>Molecular Biology Reports</i> , 2020, 47, 7783-7795.	2.3	6
40	Electrospun Poly(ϵ -caprolactone)/Gelatin Nanofibrous Mat Containing Selenium as a Potential Wound Dressing Material: In Vitro and In Vivo Study. <i>Fibers and Polymers</i> , 2020, 21, 1713-1721.	2.1	14
41	High porous electrospun poly(ϵ -caprolactone)/gelatin/MgO scaffolds preseeded with endometrial stem cells promote tissue regeneration in skin wounds: An in vivo study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2961-2970.	3.4	28
42	Tissue engineering applications in breast cancer. <i>Journal of Medical Engineering and Technology</i> , 2020, 44, 162-168.	1.4	7
43	Standard Operating Procedure for the Good Manufacturing Practice-Compliant Production of Human Endometrial Stem Cells for Multiple Sclerosis. <i>Methods in Molecular Biology</i> , 2020, 2286, 199-212.	0.9	8
44	Chitosan/gelatin hydrogel and endometrial stem cells with subsequent atorvastatin injection impact in regenerating spinal cord tissue. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 58, 101831.	3.0	25
45	The effect of methadone, buprenorphine, and shift of methadone to buprenorphine on sperm parameters and antioxidant activity in a male rat model. <i>Comparative Clinical Pathology</i> , 2020, 29, 469-476.	0.7	4
46	MicroRNA-4731 delivered by ADAM-10-mesenchymal stem cells induces cell cycle arrest and apoptosis in glioblastoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 8167-8175.	4.1	32
47	The Role of Forced and Voluntary Training on Accumulation of Neural Cell Adhesion Molecule and Polysialic Acid in Muscle of Mice with Experimental Autoimmune Encephalomyelitis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	1.2	2
48	Impact of exosome-loaded chitosan hydrogel in wound repair and layered dermal reconstitution in mice animal model. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 2138-2149.	4.0	86
49	Mussel-inspired polydopamine-coated silk fibroin as a promising biomaterial. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2020, 9, 147-154.	0.9	4
50	Preparation and characterization of poly(ethylene oxide)/zinc oxide nanofibrous scaffold for chronic wound healing applications. <i>Polimery W Medycynie</i> , 2020, 50, 41-51.	1.7	18
51	Extracellular Vesicles as a Nephritis Delivery System Memory Improvement in Alzheimer's Disease. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 45-60.	0.5	19
52	Involvement of EGFR, ERK-1,2 and AKT-1,2 Activity on Human Glioma Cell Growth. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3469-3475.	1.2	8
53	Cell-Based Therapy for Spinal Muscular Atrophy. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1266, 117-125.	1.6	2
54	Preparation and characterization of highly porous ceramic-based nanocomposite scaffolds with improved mechanical properties using the liquid phase-assisted sintering method. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019, 233, 1854-1865.	1.1	0

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55	A facile way for development of three-dimensional localized drug delivery system for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2019, 105, 110032.	7.3	11
56	A facile two step heat treatment strategy for development of bioceramic scaffolds for hard tissue engineering applications. <i>Materials Science and Engineering C</i> , 2019, 105, 110009.	7.3	13
57	Tracking of GFP-labeled unrestricted somatic stem cells transplanted in the sepsis mouse model. <i>Tissue and Cell</i> , 2019, 60, 33-37.	2.2	3
58	A silk fibroin/decellularized extract of Wharton's jelly hydrogel intended for cartilage tissue engineering. <i>Progress in Biomaterials</i> , 2019, 8, 31-42.	4.5	39
59	Multipotency expression of human adipose stem cells in filament-like alginate and gelatin derivative hydrogel fabricated through visible light-initiated crosslinking. <i>Materials Science and Engineering C</i> , 2019, 103, 109808.	7.3	34
60	Design and characterization of biodegradable multi layered electrospun nanofibers for corneal tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2340-2349.	4.0	32
61	Transplantation of miR-219 overexpressed human endometrial stem cells encapsulated in fibrin hydrogel in spinal cord injury. <i>Journal of Cellular Physiology</i> , 2019, 234, 18887-18896.	4.1	24
62	Endothelial and Osteoblast Differentiation of Adipose-Derived Mesenchymal Stem Cells Using a Cobalt-Doped CaP/Silk Fibroin Scaffold. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2134-2146.	5.2	25
63	A novel polycaprolactone/carbon nanofiber composite as a conductive neural guidance channel: an in vitro and in vivo study. <i>Progress in Biomaterials</i> , 2019, 8, 239-248.	4.5	43
64	Mesenchymal stromal cells induce inhibitory effects on hepatocellular carcinoma through various signaling pathways. <i>Cancer Cell International</i> , 2019, 19, 329.	4.1	20
65	Derivation of preoligodendrocytes from human-induced pluripotent stem cells through overexpression of microRNA 338. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9700-9708.	2.6	7
66	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
67	Preparation of fibrin gel scaffolds containing MWCNT/PU nanofibers for neural tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 802-814.	4.0	67
68	Combination therapy of mesenchymal stromal cells and sulfasalazine attenuates trinitrobenzene sulfonic acid induced colitis in the rat: The S1P pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 11078-11091.	4.1	19
69	Extracellular micro/nanovesicles rescue kidney from ischemia-reperfusion injury. <i>Journal of Cellular Physiology</i> , 2019, 234, 12290-12300.	4.1	30
70	Human unrestricted somatic stem cells ameliorate sepsis-related acute lung injury in mice. <i>Journal of Cellular Physiology</i> , 2019, 234, 13942-13950.	4.1	6
71	Comparative evaluation of magnetic hyperthermia performance and biocompatibility of magnetite and novel Fe-doped hardystonite nanoparticles for potential bone cancer therapy. <i>Materials Science and Engineering C</i> , 2019, 98, 930-938.	7.3	29
72	Combination therapy of sorafenib with mesenchymal stem cells as a novel cancer treatment regimen in xenograft models of hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 2019, 234, 9495-9503.	4.1	13

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73	Overexpression of SMN2 Gene in Motoneuron-Like Cells Differentiated from Adipose-Derived Mesenchymal Stem Cells by Ponasterone A. Journal of Molecular Neuroscience, 2019, 67, 247-257.	2.3	3
74	Sciatic nerve regeneration with collagen type I hydrogel containing chitosan nanoparticle loaded by insulin. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 1133-1141.	3.4	28
75	Vildagliptin Enhances Differentiation of Insulin Producing Cells from Adipose-Derived Mesenchymal Stem Cells. Cell Journal, 2019, 20, 477-482.	0.2	5
76	Natural Killer Cell Expansion with Autologous Feeder Layer and Anti-CD3 Antibody for Immune Cell Therapy of Hepatocellular Carcinoma. Asian Pacific Journal of Cancer Prevention, 2019, 20, 3797-3803.	1.2	8
77	Colonization of Mouse Spermatogonial Cells in Modified Soft Agar Culture System Utilizing Nanofibrous Scaffold: A New Approach. , 2019, 8, 1319.		7
78	Alginate-Based Hydrogel Containing Taurine-Loaded Chitosan Nanoparticles in Biomedical Application. Archives of Neuroscience, 2019, In Press, .	0.3	7
79	Overexpression of miR-219 promotes differentiation of human induced pluripotent stem cells into pre-oligodendrocyte. Journal of Chemical Neuroanatomy, 2018, 91, 8-16.	2.1	20
80	A novel polyurethane modified with biomacromolecules for small-diameter vascular graft applications. Journal of Materials Science, 2018, 53, 9913-9927.	3.7	37
81	Horseradish peroxidase-catalyzed hydrogelation for biomedical applications. Biomaterials Science, 2018, 6, 1286-1298.	5.4	116
82	The extracellular vesiclesâ€derived from mesenchymal stromal cells: A new therapeutic option in regenerative medicine. Journal of Cellular Biochemistry, 2018, 119, 8048-8073.	2.6	87
83	Naringin-loaded Poly(Îµ-caprolactone)/Gelatin Electrospun Mat as a Potential Wound Dressing: In vitro and In vivo Evaluation. Fibers and Polymers, 2018, 19, 125-134.	2.1	24
84	<i>In vivo</i> assessment of a nanofibrous silk tube as nerve guide for sciatic nerve regeneration. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 394-401.	2.8	18
85	<i>In vitro</i> physical and biological characterization of biodegradable elastic polyurethane containing ferulic acid for small-caliber vascular grafts. Biomedical Materials (Bristol), 2018, 13, 035007.	3.3	24
86	Extracellular vesicles derived from human embryonic stem cellâ€MSCs ameliorate cirrhosis in thioacetamideâ€induced chronic liver injury. Journal of Cellular Physiology, 2018, 233, 9330-9344.	4.1	90
87	Use new poly (Îµ-caprolactone/collagen/NBC) nerve conduits along with NGF for promoting peripheral (sciatic) nerve regeneration in a rat. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 34-45.	2.8	34
88	Characterization of decellularized ovine small intestine submucosal layer as extracellular matrixâ€based scaffold for tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 933-944.	3.4	27
89	Anti-inflammatory Effects of Atorvastatin by Suppressing TRAF3IP2 and IL-17RA in Human Glioblastoma Spheroids Cultured in a Three-dimensional Model: Possible Relevance to Glioblastoma Treatment. Molecular Neurobiology, 2018, 55, 2102-2110.	4.0	13
90	Fibrin gel as a scaffold for photoreceptor cells differentiation from conjunctiva mesenchymal stem cells in retina tissue engineering. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 805-814.	2.8	29

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91	Sciatic nerve regeneration by transplantation of Schwann cells via erythropoietin controlledâ€releasing polylactic acid/multiwalled carbon nanotubes/gelatin nanofibrils neural guidance conduit. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1463-1476.	3.4	77
92	Criticalâ€sized fullâ€thickness skin defect regeneration using ovine small intestinal submucosa with or without mesenchymal stem cells in rat model. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2177-2190.	3.4	33
93	Polyurethane/Gelatin Nanofibrils Neural Guidance Conduit Containing Platelet-Rich Plasma and Melatonin for Transplantation of Schwann Cells. Cellular and Molecular Neurobiology, 2018, 38, 703-713.	3.3	37
94	Regeneration of sciatic nerve crush injury by a hydroxyapatite nanoparticle-containing collagen type I hydrogel. Journal of Physiological Sciences, 2018, 68, 579-587.	2.1	48
95	Collagenâ€coated nanoâ€electrospun PCL seeded with human endometrial stem cells for skin tissue engineering applications. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1578-1586.	3.4	75
96	Polyurethane-Polycaprolactone Blend Patches: Scaffold Characterization and Cardiomyoblast Adhesion, Proliferation, and Function. ACS Biomaterials Science and Engineering, 2018, 4, 4299-4310.	5.2	60
97	Combinational immune-cell therapy of natural killer cells and sorafenib for advanced hepatocellular carcinoma: a review. Cancer Cell International, 2018, 18, 133.	4.1	28
98	Reduction of marginal mass required for successful islet transplantation in a diabetic rat model using adipose tissueâ€derived mesenchymal stromal cells. Cytotherapy, 2018, 20, 1124-1142.	0.7	16
99	A comparison study on the behavior of human endometrial stem cell-derived osteoblast cells on PLGA/HA nanocomposite scaffolds fabricated by electrospinning and freeze-drying methods. Journal of Orthopaedic Surgery and Research, 2018, 13, 63.	2.3	24
100	Potential of Extracellular Vesicles in Neurodegenerative Diseases: Diagnostic and Therapeutic Indications. Journal of Molecular Neuroscience, 2018, 66, 172-179.	2.3	37
101	The cardiac niche role in cardiomyocyte differentiation of rat bone marrow-derived stromal cells: comparison between static and microfluidic cell culture methods. EXCLI Journal, 2018, 17, 762-774.	0.7	7
102	Human Endometrial Stem Cell Isolation from Endometrium and Menstrual Blood. Bio-protocol, 2018, 8, e2693.	0.4	15
103	The Anti-Angiogenic Effect of Atorvastatin in Glioblastoma Spheroids Tumor Cultured in Fibrin Gel: in 3D in Vitro Model. Asian Pacific Journal of Cancer Prevention, 2018, 19, 2553-2560.	1.2	16
104	Comparison of Cell Proliferation and Adhesion of Human Osteoblast Differentiated Cells on Electrospun and Freeze-Dried PLGA/Bioglass Scaffolds. Archives of Neuroscience, 2018, 5, .	0.3	2
105	Differentiation of Periodontal Ligament Stem Cells Into Osteoblasts on Hybrid Alginate/ Polyvinyl Alcohol/ Hydroxyapatite Nanofibrous Scaffolds. Archives of Neuroscience, 2018, In Press, .	0.3	3
106	Inhibitor of PI3K/Akt Signaling Pathway Small Molecule Promotes Motor Neuron Differentiation of Human Endometrial Stem Cells Cultured on Electrospun Biocomposite Polycaprolactone/Collagen Scaffolds. Molecular Neurobiology, 2017, 54, 2547-2554.	4.0	39
107	Differentiation of human endometrial stem cells into endothelial-like cells on gelatin/chitosan/bioglass nanofibrous scaffolds. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 163-173.	2.8	38
108	Mechano-Transduction Signals Derived from Self-Assembling Peptide Nanofibers Containing Long Motif of Laminin Influence Neurogenesis in In-Vitro and In-Vivo. Molecular Neurobiology, 2017, 54, 2483-2496.	4.0	33

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109	Noggin Along with a Self-Assembling Peptide Nanofiber Containing Long Motif of Laminin Induces Tyrosine Hydroxylase Gene Expression. <i>Molecular Neurobiology</i> , 2017, 54, 4609-4616.	4.0	21
110	Skin regeneration stimulation: the role of PCL-platelet gel nanofibrous scaffold. <i>Microscopy Research and Technique</i> , 2017, 80, 495-503.	2.2	14
111	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
112	Investigation of properties of chemically cross-linked silk nanofibrous mat as a nerve guide. <i>Materials Technology</i> , 2017, 32, 551-559.	3.0	10
113	Strontium- and cobalt-substituted bioactive glasses seeded with human umbilical cord perivascular cells to promote bone regeneration via enhanced osteogenic and angiogenic activities. <i>Acta Biomaterialia</i> , 2017, 58, 502-514.	8.3	139
114	Injectable natural polymer compound for tissue engineering of intervertebral disc: In vitro study. <i>Materials Science and Engineering C</i> , 2017, 80, 502-508.	7.3	46
115	Biomimetic modification of polyurethane-based nanofibrous vascular grafts: A promising approach towards stable endothelial lining. <i>Materials Science and Engineering C</i> , 2017, 80, 213-221.	7.3	70
116	Electrospun nerve guide scaffold of poly(μ -caprolactone)/collagen/nanobioglass: an <i>in vitro</i> study in peripheral nerve tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1960-1972.	4.0	57
117	Enhanced sciatic nerve regeneration by human endometrial stem cells in an electrospun poly(μ -caprolactone)/collagen/NBG nerve conduit in rat. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 46, 1-13.	2.8	22
118	The Role of Stem Cells in the Treatment of Cerebral Palsy: a Review. <i>Molecular Neurobiology</i> , 2017, 54, 4963-4972.	4.0	16
119	The effect of purmorphamine on differentiation of endometrial stem cells into osteoblast-like cells on collagen/hydroxyapatite scaffolds. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1343-1349.	2.8	14
120	Improved human endometrial stem cells differentiation into functional hepatocyte-like cells on a glycosaminoglycan/collagen-grafted polyethersulfone nanofibrous scaffold. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2516-2529.	3.4	14
121	Tissue-Engineered Regeneration of Hemisected Spinal Cord Using Human Endometrial Stem Cells, Poly μ -Caprolactone Scaffolds, and Crocin as a Neuroprotective Agent. <i>Molecular Neurobiology</i> , 2017, 54, 5657-5667.	4.0	22
122	Purmorphamine as a Shh Signaling Activator Small Molecule Promotes Motor Neuron Differentiation of Mesenchymal Stem Cells Cultured on Nanofibrous PCL Scaffold. <i>Molecular Neurobiology</i> , 2017, 54, 5668-5675.	4.0	17
123	Mesenchymal endometrial stem/stromal cells for hard tissue engineering: a review of in vitro and in vivo evidence. <i>Regenerative Medicine</i> , 2017, 12, 983-995.	1.7	9
124	Natural Killer Cells from the Subcutaneous Adipose Tissue Underexpress the NKp30 and NKp44 in Obese Persons and Are Less Active against Major Histocompatibility Complex Class I Non-Expressing Neoplastic Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1486.	4.8	20
125	Imminent angiotensin-converting enzyme inhibitor from microbial source for cancer therapy. <i>International Journal of Preventive Medicine</i> , 2017, 8, 80.	0.4	7
126	Synthesis of calcium phosphate-zirconia scaffold and human endometrial adult stem cells for bone tissue engineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 66-73.	2.8	27

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127	Evaluation and comparison of the <i>in vitro</i> characteristics and chondrogenic capacity of four adult stem/progenitor cells for cartilage cell-based repair. Journal of Biomedical Materials Research - Part A, 2016, 104, 600-610.	4.0	35
128	<i>In vitro</i> evaluation of human endometrial stem cell-derived osteoblast-like cells™ behavior on gelatin/collagen/bioglass nanofibers™ scaffolds. Journal of Biomedical Materials Research - Part A, 2016, 104, 2210-2219.	4.0	18
129	Current Understanding Realities of Umbilical Cord Stem Cells Biology and Future Perspectives in Clinical Application. Pancreatic Islet Biology, 2016, , 107-136.	0.3	0
130	Electrospun PLLA nanofiber scaffolds for bladder smooth muscle reconstruction. International Urology and Nephrology, 2016, 48, 1097-1104.	1.4	27
131	Thermoresponsive polyurethane/siloxane membrane for wound dressing and cell sheet transplantation: In-vitro and in-vivo studies. Materials Science and Engineering C, 2016, 69, 804-814.	7.3	22
132	Fabrication of hydrogel based nanocomposite scaffold containing bioactive glass nanoparticles for myocardial tissue engineering. Materials Science and Engineering C, 2016, 69, 1137-1146.	7.3	57
133	Synthesis, physico-chemical and biological characterization of strontium and cobalt substituted bioactive glasses for bone tissue engineering. Journal of Non-Crystalline Solids, 2016, 449, 133-140.	3.1	77
134	Apoptotic effect of atorvastatin in glioblastoma spheroids tumor cultured in fibrin gel. Biomedicine and Pharmacotherapy, 2016, 84, 1959-1966.	5.6	31
135	Differentiation of Wharton's Jelly-Derived Mesenchymal Stem Cells into Motor Neuron-Like Cells on Three-Dimensional Collagen-Grafted Nanofibers. Molecular Neurobiology, 2016, 53, 2397-2408.	4.0	64
136	Differentiation of Human Endometrial Stem Cells into Schwann Cells in Fibrin Hydrogel as 3D Culture. Molecular Neurobiology, 2016, 53, 7170-7176.	4.0	35
137	Comparison of Capability of Human Bone Marrow Mesenchymal Stem Cells and Endometrial Stem Cells to Differentiate into Motor Neurons on Electrospun Poly(μ -caprolactone) Scaffold. Molecular Neurobiology, 2016, 53, 5278-5287.	4.0	55
138	Preparation of a biomimetic composite scaffold from gelatin/collagen and bioactive glass fibers for bone tissue engineering. Materials Science and Engineering C, 2016, 59, 533-541.	7.3	95
139	The Differentiation of Human Endometrial Stem Cells into Neuron-Like Cells on Electrospun PAN-Derived Carbon Nanofibers with Random and Aligned Topographies. Molecular Neurobiology, 2016, 53, 4798-4808.	4.0	52
140	Self-Assembling Peptide Nanofiber Containing Long Motif of Laminin Induces Neural Differentiation, Tubulin Polymerization, and Neurogenesis: In Vitro, Ex Vivo, and In Vivo Studies. Molecular Neurobiology, 2016, 53, 5288-5299.	4.0	43
141	Chimeric Self-assembling Nanofiber Containing Bone Marrow Homing Peptide's Motif Induces Motor Neuron Recovery in Animal Model of Chronic Spinal Cord Injury; an In Vitro and In Vivo Investigation. Molecular Neurobiology, 2016, 53, 3298-3308.	4.0	40
142	Differentiation Potential of Human Chorion-Derived Mesenchymal Stem Cells into Motor Neuron-Like Cells in Two- and Three-Dimensional Culture Systems. Molecular Neurobiology, 2016, 53, 1862-1872.	4.0	47
143	Differential effect of Activin A and WNT3a on definitive endoderm differentiation on electrospun nanofibrous PCL scaffold. Cell Biology International, 2015, 39, 591-599.	3.0	15
144	Dental pulp stem cells differentiation into retinal ganglion-like cells in a three dimensional network. Biochemical and Biophysical Research Communications, 2015, 457, 154-160.	2.1	43

#	ARTICLE	IF	CITATIONS
145	Investigating the neuroglial differentiation effect of neuroblastoma conditioned medium in human endometrial stem cells cultured on 3D nanofibrous scaffold. Journal of Biomedical Materials Research - Part A, 2015, 103, 2621-2627.	4.0	37
146	Human endometrial stem cells differentiation into functional hepatocyte-like cells. Cell Biology International, 2015, 39, 129-129.	3.0	0
147	Functionalization of PAN-Based Electrospun Carbon Nanofibers by Acid Oxidation: Study of Structural,Electrical and Mechanical Properties. Fullerenes Nanotubes and Carbon Nanostructures, 2015, 23, 930-937.	2.1	20
148	Induction of human umbilical Wharton's jelly-derived mesenchymal stem cells toward motor neuron-like cells. In Vitro Cellular and Developmental Biology - Animal, 2015, 51, 987-994.	1.5	24
149	Preparation of a porous conductive scaffold from aniline pentamer-modified polyurethane/PCL blend for cardiac tissue engineering. Journal of Biomedical Materials Research - Part A, 2015, 103, 3179-3187.	4.0	104
150	Induction of spontaneous neo-angiogenesis and tube formation in human endometrial stem cells by bioglass. Journal of Medical Hypotheses and Ideas, 2015, 9, 94-98.	0.7	12
151	Differentiation of human endometrial stem cells into germ cell " Like cell in fibrin scaffold. Journal of Medical Hypotheses and Ideas, 2015, 9, 90-93.	0.7	3
152	The effect of Noggin supplementation in Matrigel nanofiber-based cell culture system for derivation of neural-like cells from human endometrial-derived stromal cells. Journal of Biomedical Materials Research - Part A, 2015, 103, 1-7.	4.0	19
153	Differentiation Potential of Human Bone Marrow Mesenchymal Stem Cells into Motoneuron-like Cells on Electrospun Gelatin Membrane. Journal of Molecular Neuroscience, 2015, 55, 845-853.	2.3	27
154	Evaluation of Motor Neuron-Like Cell Differentiation of hEnSCs on Biodegradable PLGA Nanofiber Scaffolds. Molecular Neurobiology, 2015, 52, 1704-1713.	4.0	58
155	Human Endometrial Stem Cells May Differentiate into Schwann Cells in Fibrin Gel as 3D Culture. Neuroscience and Medicine, 2015, 06, 160-164.	0.2	3
156	Human Wharton's jelly-derived mesenchymal stem cells express oocyte developmental genes during co-culture with placental cells. Iranian Journal of Basic Medical Sciences, 2015, 18, 22-9.	1.0	10
157	Human endometrial stem cells differentiation into functional hepatocyte-like cells. Cell Biology International, 2014, 38, 825-834.	3.0	19
158	Bio-hybrid silk fibroin/calcium phosphate/PLGA nanocomposite scaffold to control the delivery of vascular endothelial growth factor. Materials Science and Engineering C, 2014, 35, 401-410.	7.3	86
159	Structural and functional changes of silk fibroin scaffold due to hydrolytic degradation. Journal of Applied Polymer Science, 2014, 131, .	2.6	32
160	Thermogel nanofiber induces human endometrial-derived stromal cells to neural differentiation: In vitro and in vivo studies in rat. Journal of Biomedical Materials Research - Part A, 2014, 102, n/a-n/a.	4.0	24
161	Definitive endoderm differentiation of human-induced pluripotent stem cells using signaling molecules and IDE1 in three-dimensional polymer scaffold. Journal of Biomedical Materials Research - Part A, 2014, 102, 4027-4036.	4.0	36
162	The activation of satellite cells by nanofibrous poly É-caprolacton constructs. Journal of Biomaterials Applications, 2014, 28, 801-812.	2.4	23

#	ARTICLE	IF	CITATIONS
163	Synthesis, characterization and antioxidant activity of a novel electroactive and biodegradable polyurethane for cardiac tissue engineering application. <i>Materials Science and Engineering C</i> , 2014, 44, 24-37.	7.3	125
164	A new approach for pancreatic tissue engineering: human endometrial stem cells encapsulated in fibrin gel can differentiate to pancreatic islet beta cell. <i>Cell Biology International</i> , 2014, 38, 1174-1182.	3.0	47
165	Enhancing neuronal growth from human endometrial stem cells derived neuron-like cells in three-dimensional fibrin gel for nerve tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2533-2543.	4.0	46
166	Human endometrial adult stem cells can be differentiated into hepatocyte cells. <i>Journal of Medical Hypotheses and Ideas</i> , 2014, 8, 30-33.	0.7	4
167	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
168	BMP-2 can promote the osteogenic differentiation of human endometrial stem cells. <i>Asian Biomedicine</i> , 2014, 8, 21-29.	0.3	6
169	Effect of dexamethasone, insulin and EGF on the myogenic potential on human endometrial stem cell. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 659-64.	0.5	13
170	In vitro evaluation of biomimetic nanocomposite scaffold using endometrial stem cell derived osteoblast-like cells. <i>Tissue and Cell</i> , 2013, 45, 328-337.	2.2	39
171	Sustained release of platelet-derived growth factor and vascular endothelial growth factor from silk/calcium phosphate/PLGA based nanocomposite scaffold. <i>International Journal of Pharmaceutics</i> , 2013, 454, 216-225.	5.2	70
172	Differentiation of Human Endometrial Stromal Cells into Oligodendrocyte Progenitor Cells (OPCs). <i>Journal of Molecular Neuroscience</i> , 2013, 51, 265-273.	2.3	60
173	Three-dimensional culture of differentiated endometrial stromal cells to oligodendrocyte progenitor cells (OPCs) in fibrin hydrogel. <i>Cell Biology International</i> , 2013, 37, 1340-1349.	3.0	52
174	Derivation of Pre-oligodendrocytes from Human Endometrial Stromal Cells by Using Overexpression of MicroRNA 338. <i>Journal of Molecular Neuroscience</i> , 2013, 51, 337-343.	2.3	33
175	Effect of dentine matrix proteins on human endometrial adult stem-like cells: In vitro regeneration of odontoblasts cells. <i>Archives of Oral Biology</i> , 2013, 58, 871-879.	1.8	13
176	Programming of human endometrial-derived stromal cells (EnSCs) into pre-oligodendrocyte cells by overexpression of miR-219. <i>Neuroscience Letters</i> , 2013, 537, 65-70.	2.1	36
177	Polymeric Scaffolds in Neural Tissue Engineering: A Review. <i>Archives of Neuroscience</i> , 2013, 1, 15-20.	0.3	84
178	Repair of critical size rat calvarial defects using endometrial-derived stem cells embedded within gelatin/apatite nanocomposite scaffold. <i>Stem Cell Discovery</i> , 2013, 03, 37-43.	0.5	4
179	Effect of deforolimus and VEGF on angiogenesis in endometrial stromal cells following three-dimensional culture. <i>Stem Cell Discovery</i> , 2013, 03, 7-12.	0.5	1
180	The healing effect of licorice extract in acetic acid-induced ulcerative colitis in rat model. <i>Comparative Clinical Pathology</i> , 2012, 21, 1139-1144.	0.7	18

#	ARTICLE	IF	CITATIONS
181	Human endometrial stem cells as a new source for programming to neural cells. Cell Biology International Reports, 2012, 19, 7-14.	0.6	51
182	Endometrial Stem Cells and Endometriosis. , 2012, , .		0
183	Preparation of a biomimetic nanocomposite scaffold for bone tissue engineering via mineralization of gelatin hydrogel and study of mineral transformation in simulated body fluid. Journal of Biomedical Materials Research - Part A, 2012, 100A, 1347-1355.	4.0	47
184	Derivation of Adipocytes from Human Endometrial Stem Cells (EnSCs). Journal of Reproduction and Infertility, 2012, 13, 151-7.	1.0	29
185	Nanotoxicology and nanoparticle safety in biomedical designs. International Journal of Nanomedicine, 2011, 6, 1117.	6.7	249
186	Fabrication of Coated-Collagen Electrospun PHBV Nanofiber Film by Plasma Method and Its Cellular Study. Journal of Nanomaterials, 2011, 2011, 1-8.	2.7	17
187	Mechanical Properties of Chitosan-Starch Composite Filled Hydroxyapatite Micro- and Nanopowders. Journal of Nanomaterials, 2011, 2011, 1-5.	2.7	15
188	Poster presentations. Surgical and Radiologic Anatomy, 2009, 31, 95-229.	1.2	3
189	Human endometrial adult stem cells may differentiate into odontoblast cells. Hypothesis (University) Tj ETQq1 1 0.784314 rgBT /Over	1.1	7
190	Effect of a statin on an in vitro model of endometriosis. Fertility and Sterility, 2007, 87, 257-262.	1.0	67
191	Expression of Glycodelin and Cyclooxygenase-2 in Human Endometrial Tissue Following Three-dimensional Culture. American Journal of Reproductive Immunology, 2007, 57, 49-54.	1.2	21