

Jafar Ai

List of Publications by Year in descending order

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Version: 2024-02-01

191
papers

5,737
citations

81434

41
h-index

139680

61
g-index

206
all docs

206
docs citations

206
times ranked

7843
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.	0.5	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.	3.0	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.	1.5	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.	0.5	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.	0.5	9
6	Atorvastatin Inhibits Viability and Migration of MCF7 Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 867-875.	0.5	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, .	1.8	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.	2.1	9
9	Preparation and characterization of 3D nanocomposite scaffold from bioactive glass/tricalcium phosphate via Robocasting method for bone tissue engineering. <i>Journal of Non-Crystalline Solids</i> , 2022, 593, 121769.	1.5	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.	1.8	5
11	Defining the role of 17 β -estradiol in human endometrial stem cells differentiation into neuron-like cells. <i>Cell Biology International</i> , 2021, 45, 140-153.	1.4	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.	2.6	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.	1.3	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.	2.1	2
15	Application of Platelet Rich Fibrin in Tissue Engineering: Focus on Bone Regeneration. <i>Platelets</i> , 2021, 32, 183-188.	1.1	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.	2.1	27
17	miR-219 overexpressing oligodendrocyte progenitor cells for treating compression spinal cord injury. <i>Metabolic Brain Disease</i> , 2021, 36, 1069-1077.	1.4	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.	0.9	1

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19	Anti-IgE monoclonal antibodies as potential treatment in COVID-19. Immunopharmacology and Immunotoxicology, 2021, 43, 259-264.	1.1	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.	2.4	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.	3.6	32
22	Adaptive NK Cell Therapy Modulated by Anti-PD-1 Antibody in Gastric Cancer Model. Frontiers in Pharmacology, 2021, 12, 733075.	1.6	14
23	Preparation and characterization of bioactive glass based scaffold with Kaempferol-containing Zein coating for bone tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1259-1270.	1.6	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.	1.6	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.	1.6	18
27	Electro-conductive carbon nanofibers as the promising interfacial biomaterials for bone tissue engineering. Journal of Molecular Liquids, 2020, 298, 112021.	2.3	48
28	Resveratrol-loaded polyurethane nanofibrous scaffold: viability of endothelial and smooth muscle cells. Biomedical Materials (Bristol), 2020, 15, 015001.	1.7	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.	3.6	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.	0.6	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.	3.8	66
32	Encapsulation of curcumin loaded chitosan nanoparticle within poly (μ -caprolactone) and gelatin fiber mat for wound healing and layered dermal reconstitution. International Journal of Biological Macromolecules, 2020, 153, 1241-1250.	3.6	105
33	Stem Cells and Hydrogels for Liver Tissue Engineering: Synergistic Cure for Liver Regeneration. Stem Cell Reviews and Reports, 2020, 16, 1092-1104.	1.7	13
34	Proanthocyanidin as a crosslinking agent for fibrin, collagen hydrogels and their composites with decellularized Wharton's-jelly-extract for tissue engineering applications. Journal of Bioactive and Compatible Polymers, 2020, 35, 554-571.	0.8	15
35	Microtubule stabilizer epothilone B as a motor neuron differentiation agent for human endometrial stem cells. Cell Biology International, 2020, 44, 1168-1183.	1.4	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.	2.0	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.	0.9	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.	0.7	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.	1.0	6
40	Electrospun Poly(μ -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.	1.1	14
41	High porous electrospun poly(μ -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.	1.6	28
42	Tissue engineering applications in breast cancer. <i>Journal of Medical Engineering and Technology</i> , 2020, 44, 162-168.	0.8	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.	0.4	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.	1.4	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.	0.3	4
46	MicroRNA-4731 delivered by ADAM mesenchymal stem cells induces cell cycle arrest and apoptosis in glioblastoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 8167-8175.	2.0	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.	0.5	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.	2.1	86
49	Mussel-inspired polydopamine-coated silk fibroin as a promising biomaterial. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2020, 9, 147-154.	0.7	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.	0.6	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.	0.3	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.	0.5	8
53	Cell-Based Therapy for Spinal Muscular Atrophy. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1266, 117-125.	0.8	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.	0.7	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.	3.8	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.	3.8	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.	1.0	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.	1.8	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.	3.8	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.	2.1	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.	2.0	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.	2.6	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.	1.8	43
64	Mesenchymal stromal cells induce inhibitory effects on hepatocellular carcinoma through various signaling pathways. <i>Cancer Cell International</i> , 2019, 19, 329.	1.8	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.	1.2	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.	2.0	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.	2.1	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.	2.0	19
69	Extracellular micro/nanovesicles rescue kidney from ischemia-reperfusion injury. <i>Journal of Cellular Physiology</i> , 2019, 234, 12290-12300.	2.0	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.	2.0	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.	3.8	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.	2.0	13

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73	Overexpression of SMN2 Gene in Motoneuron-Like Cells Differentiated from Adipose-Derived Mesenchymal Stem Cells by Ponasterone A. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 247-257.	1.1	3
74	Sciatic nerve regeneration with collagen type I hydrogel containing chitosan nanoparticle loaded by insulin. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 1133-1141.	1.8	28
75	Vildagliptin Enhances Differentiation of Insulin Producing Cells from Adipose-Derived Mesenchymal Stem Cells. <i>Cell Journal</i> , 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. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 3797-3803.	0.5	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. <i>Archives of Neuroscience</i> , 2019, In Press, .	0.1	7
79	Overexpression of miR-219 promotes differentiation of human induced pluripotent stem cells into pre-oligodendrocyte. <i>Journal of Chemical Neuroanatomy</i> , 2018, 91, 8-16.	1.0	20
80	A novel polyurethane modified with biomacromolecules for small-diameter vascular graft applications. <i>Journal of Materials Science</i> , 2018, 53, 9913-9927.	1.7	37
81	Horseradish peroxidase-catalyzed hydrogelation for biomedical applications. <i>Biomaterials Science</i> , 2018, 6, 1286-1298.	2.6	116
82	The extracellular vesiclesâ€derived from mesenchymal stromal cells: A new therapeutic option in regenerative medicine. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8048-8073.	1.2	87
83	Naringin-loaded Poly(μ -caprolactone)/Gelatin Electrospun Mat as a Potential Wound Dressing: In vitro and In vivo Evaluation. <i>Fibers and Polymers</i> , 2018, 19, 125-134.	1.1	24
84	<i>In vivo</i> assessment of a nanofibrous silk tube as nerve guide for sciatic nerve regeneration. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 394-401.	1.9	18
85	<i>In vitro</i> physical and biological characterization of biodegradable elastic polyurethane containing ferulic acid for small-caliber vascular grafts. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 035007.	1.7	24
86	Extracellular vesicles derived from human embryonic stem cellâ€MSCs ameliorate cirrhosis in thioacetamideâ€induced chronic liver injury. <i>Journal of Cellular Physiology</i> , 2018, 233, 9330-9344.	2.0	90
87	Use new poly (μ -caprolactone/collagen/NBC) nerve conduits along with NGF for promoting peripheral (sciatic) nerve regeneration in a rat. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 34-45.	1.9	34
88	Characterization of decellularized ovine small intestine submucosal layer as extracellular matrixâ€based scaffold for tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 933-944.	1.6	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. <i>Molecular Neurobiology</i> , 2018, 55, 2102-2110.	1.9	13
90	Fibrin gel as a scaffold for photoreceptor cells differentiation from conjunctiva mesenchymal stem cells in retina tissue engineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 805-814.	1.9	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. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1463-1476.	1.6	77
92	Criticalâ€sized fullâ€thickness skin defect regeneration using ovine small intestinal submucosa with or without mesenchymal stem cells in rat model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2177-2190.	1.6	33
93	Polyurethane/Gelatin Nanofibrils Neural Guidance Conduit Containing Platelet-Rich Plasma and Melatonin for Transplantation of Schwann Cells. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 703-713.	1.7	37
94	Regeneration of sciatic nerve crush injury by a hydroxyapatite nanoparticle-containing collagen type I hydrogel. <i>Journal of Physiological Sciences</i> , 2018, 68, 579-587.	0.9	48
95	Collagenâ€coated nanoâ€electrospun PCL seeded with human endometrial stem cells for skin tissue engineering applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1578-1586.	1.6	75
96	Polyurethane-Polycaprolactone Blend Patches: Scaffold Characterization and Cardiomyoblast Adhesion, Proliferation, and Function. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 4299-4310.	2.6	60
97	Combinational immune-cell therapy of natural killer cells and sorafenib for advanced hepatocellular carcinoma: a review. <i>Cancer Cell International</i> , 2018, 18, 133.	1.8	28
98	Reduction of marginal mass required for successful islet transplantation in a diabetic rat model using adipose tissueâ€derived mesenchymal stromal cells. <i>Cytotherapy</i> , 2018, 20, 1124-1142.	0.3	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. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 63.	0.9	24
100	Potential of Extracellular Vesicles in Neurodegenerative Diseases: Diagnostic and Therapeutic Indications. <i>Journal of Molecular Neuroscience</i> , 2018, 66, 172-179.	1.1	37
101	The cardiac niche role in cardiomyocyte differentiation of rat bone marrow-derived stromal cells: comparison between static and microfluidic cell culture methods. <i>EXCLI Journal</i> , 2018, 17, 762-774.	0.5	7
102	Human Endometrial Stem Cell Isolation from Endometrium and Menstrual Blood. <i>Bio-protocol</i> , 2018, 8, e2693.	0.2	15
103	The Anti-Angiogenic Effect of Atorvastatin in Glioblastoma Spheroids Tumor Cultured in Fibrin Gel: in 3D in Vitro Model. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 2553-2560.	0.5	16
104	Comparison of Cell Proliferation and Adhesion of Human Osteoblast Differentiated Cells on Electrospun and Freeze-Dried PLGA/Bioglass Scaffolds. <i>Archives of Neuroscience</i> , 2018, 5, .	0.1	2
105	Differentiation of Periodontal Ligament Stem Cells Into Osteoblasts on Hybrid Alginate/ Polyvinyl Alcohol/ Hydroxyapatite Nanofibrous Scaffolds. <i>Archives of Neuroscience</i> , 2018, In Press, .	0.1	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. <i>Molecular Neurobiology</i> , 2017, 54, 2547-2554.	1.9	39
107	Differentiation of human endometrial stem cells into endothelial-like cells on gelatin/chitosan/bioglass nanofibrous scaffolds. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 163-173.	1.9	38
108	Mechano-Transduction Signals Derived from Self-Assembling Peptide Nanofibers Containing Long Motif of Laminin Influence Neurogenesis in In-Vitro and In-Vivo. <i>Molecular Neurobiology</i> , 2017, 54, 2483-2496.	1.9	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.	1.9	21
110	Skin regeneration stimulation: the role of PCL-platelet gel nanofibrous scaffold. <i>Microscopy Research and Technique</i> , 2017, 80, 495-503.	1.2	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.	0.8	24
112	Investigation of properties of chemically cross-linked silk nanofibrous mat as a nerve guide. <i>Materials Technology</i> , 2017, 32, 551-559.	1.5	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.	4.1	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.	3.8	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.	3.8	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.	2.1	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.	1.9	22
118	The Role of Stem Cells in the Treatment of Cerebral Palsy: a Review. <i>Molecular Neurobiology</i> , 2017, 54, 4963-4972.	1.9	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.	1.9	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.	1.6	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.	1.9	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.	1.9	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.	0.8	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.	2.2	20
125	Imminent angiotensin-converting enzyme inhibitor from microbial source for cancer therapy. <i>International Journal of Preventive Medicine</i> , 2017, 8, 80.	0.2	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.	1.9	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.	2.1	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.	2.1	18
129	Current Understanding Realities of Umbilical Cord Stem Cells Biology and Future Perspectives in Clinical Application. Pancreatic Islet Biology, 2016, , 107-136.	0.1	0
130	Electrospun PLLA nanofiber scaffolds for bladder smooth muscle reconstruction. International Urology and Nephrology, 2016, 48, 1097-1104.	0.6	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.	3.8	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.	3.8	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.	1.5	77
134	Apoptotic effect of atorvastatin in glioblastoma spheroids tumor cultured in fibrin gel. Biomedicine and Pharmacotherapy, 2016, 84, 1959-1966.	2.5	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.	1.9	64
136	Differentiation of Human Endometrial Stem Cells into Schwann Cells in Fibrin Hydrogel as 3D Culture. Molecular Neurobiology, 2016, 53, 7170-7176.	1.9	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.	1.9	55
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