Reza Rahbarghazi

List of Publications by Year
in descending order

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Version: 2024-02-01

236 papers	5,092 citations	94433 37 h-index	161849 54 g-index
265 all docs	265 docs citations	265 times ranked	6035 citing authors

#	Article	IF	Citations
1	Transplantation of bioengineered Reelinâ€loaded<scp>PLGA</scp>/<scp>PEG</scp>micelles can accelerate neural tissue regeneration in photothrombotic stroke model of mouse. Bioengineering and Translational Medicine, 2022, 7, e10264.	7.1	17
2	Collagen and nano-hydroxyapatite interactions in alginate-based microcapsule provide an appropriate osteogenic microenvironment for modular bone tissue formation. Carbohydrate Polymers, 2022, 277, 118807.	10.2	30
3	Biomaterials patterning regulates neural stem cells fate and behavior: The interface of biology and material science. Journal of Biomedical Materials Research - Part A, 2022, 110, 725-737.	4.0	4
4	Fabrication, characterization and evaluation of the effect of <scp>PLGA</scp> and <scp>PLGAâ€"PEG</scp> biomaterials on the proliferation and neurogenesis potential of human neural <scp>SHâ€5Y5Y</scp> cells. Microscopy Research and Technique, 2022, 85, 1433-1443.	2.2	6
5	Metformin-dependent variation of microglia phenotype dictates pericytes maturation under oxygen-glucose deprivation. Tissue Barriers, 2022, 10, 2018928.	3.2	5
6	Dichotomous effects of autophagy on infarct volume in experimental permanent/transient ischemic stroke model: a systematic review and meta-analysis. Journal of Integrative Neuroscience, 2022, 21, 011.	1.7	0
7	Intra-tracheal delivery of mesenchymal stem cell-conditioned medium ameliorates pathological changes by inhibiting apoptosis in asthmatic rats. Molecular Biology Reports, 2022, 49, 3721-3728.	2.3	4
8	Varenicline improves cognitive impairment in a mouse model of mPFC ischemia: The possible roles of inflammation, apoptosis, and synaptic factors. Brain Research Bulletin, 2022, 181, 36-45.	3.0	7
9	Towards Induction of Angiogenesis in Dental Pulp Stem Cells Using Chitosan-Based Hydrogels Releasing Basic Fibroblast Growth Factor. BioMed Research International, 2022, 2022, 1-12.	1.9	6
10	Systemic administration of c-Kit+ cells diminished pulmonary and vascular inflammation in rat model of chronic asthma. BMC Molecular and Cell Biology, 2022, 23, 11.	2.0	7
11	A critical review of fibrous polyurethane-based vascular tissue engineering scaffolds. Journal of Biological Engineering, 2022, 16, 6.	4.7	34
12	Inhibition of extracellular vesicle biogenesis in tumor cells: A possible way to reduce tumorigenesis. Cell Biochemistry and Function, 2022, 40, 248-262.	2.9	15
13	Electrospun POSS integrated poly(carbonate-urea)urethane provides appropriate surface and mechanical properties for the fabrication of small-diameter vascular grafts. Journal of Biomaterials Science, Polymer Edition, 2022, , 1-20.	3.5	2
14	Emerging role of exosomes in the pathology of chronic obstructive pulmonary diseases; destructive and therapeutic properties. Stem Cell Research and Therapy, 2022, 13, 144.	5.5	9
15	The porcupine inhibitor WNT974 provokes ectodermal lineage differentiation of human embryonic stem cells. Cell Biochemistry and Function, 2022, 40, 359-368.	2.9	2
16	Application of microneedle patches for drug delivery; doorstep to novel therapies. Journal of Tissue Engineering, 2022, 13, 204173142210853.	5.5	19
17	In vitro exosomal transfer of Nrf2 led to the oxaliplatin resistance in human colorectal cancer LS174T cells. Cell Biochemistry and Function, 2022, 40, 391-402.	2.9	15
18	Putative therapeutic impacts of cardiac CTRP9 in ischaemia/reperfusion injury. Journal of Cellular and Molecular Medicine, 2022, 26, 3120-3132.	3.6	1

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19	Conditioned medium from amniotic fluid mesenchymal stem cells could modulate Alzheimer's disease-like changes in human neuroblastoma cell line SY-SY5Y in a paracrine manner. Tissue and Cell, 2022, 76, 101808.	2.2	2
20	Insights into the Critical Role of Exosomes in the Brain; from Neuronal Activity to Therapeutic Effects. Molecular Neurobiology, 2022, 59, 4453-4465.	4.0	4
21	Neural Stem Cells Secretome Increased Neurogenesis and Behavioral Performance and the Activation of Wnt/Î²-Catenin Signaling Pathway in Mouse Model of Alzheimerâ€™s Disease. NeuroMolecular Medicine, 2022, , .	3.4	4
22	Application of exosomes for the alleviation of COVIDâ€19â€related pathologies. Cell Biochemistry and Function, 2022, 40, 430-438.	2.9	7
23	Electrochemical biosensors for stem cell analysis; applications in diagnostics, differentiation and follow-up. TrAC - Trends in Analytical Chemistry, 2022, 156, 116696.	11.4	17
24	Light-emitting diode photomodulation of uterine adenocarcinoma cells inhibited angiogenesis capacity via the regulation of exosome biogenesis. Lasers in Medical Science, 2022, 37, 3193-3201.	2.1	6
25	Interplay between exosomes and autophagy machinery in pain management: State of the art. Neurobiology of Pain (Cambridge, Mass), 2022, 12, 100095.	2.5	10
26	Interaction of alginate with nano-hydroxyapatite-collagen using strontium provides suitable osteogenic platform. Journal of Nanobiotechnology, 2022, 20, .	9.1	23
27	Photothermal effect of albumin-modified gold nanorods diminished neuroblastoma cancer stem cells dynamic growth by modulating autophagy. Scientific Reports, 2022, 12, .	3.3	5
28	Influence of gelatin and collagen incorporation on peroxidase-mediated injectable pectin-based hydrogel and bioactivity of fibroblasts. Journal of Biomaterials Applications, 2021, 36, 179-190.	2.4	9
29	Exact location of sensorimotor cortex injury after photochemical modulation; evidence of stroke based on stereological and morphometric studies in mice. Lasers in Medical Science, 2021, 36, 91-98.	2.1	2
30	Polycaprolactone fumarate acts as an artificial neural network to promote the biological behavior of neural stem cells. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 246-256.	3.4	8
31	NK cells-directed therapies target circulating tumor cells and metastasis. Cancer Letters, 2021, 497, 41-53.	7.2	47
32	A giant splenic hydatid cyst: Why calcified cysts should not be considered as a dead cyst. Clinical Case Reports (discontinued), 2021, 9, 269-273.	0.5	2
33	Development and biocompatibility of the injectable collagen/nano-hydroxyapatite scaffolds asin situforming hydrogel for the hard tissue engineering application. Artificial Cells, Nanomedicine and Biotechnology, 2021, 49, 136-146.	2.8	18
34	Curcumin-enriched Gemini surfactant nanoparticles exhibited tumoricidal effects on human 3D spheroid HT-29 cells in vitro. Cancer Nanotechnology, 2021, 12, .	3.7	13
35	Activation of toll-like receptor signaling in endothelial progenitor cells dictates angiogenic potential: from hypothesis to actual state. Cell and Tissue Research, 2021, 384, 389-401.	2.9	4
36	Exendin-4 as a Versatile Therapeutic Agent for the Amelioration of Diabetic Changes. Advanced Pharmaceutical Bulletin, 2021, , .	1.4	1

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37	Hyaluronic Acid and Regenerative Medicine: New Insights into the Stroke Therapy. Current Molecular Medicine, 2021, 20, 675-691.	1.3	7
38	PDâ€L1 overexpression conveys tolerance of mesenchymal stem cellâ€derived cardiomyocyteâ€like cells in an allogeneic mouse model. Journal of Cellular Physiology, 2021, 236, 6328-6343.	4.1	4
39	Tissue Engineering Strategies to Increase Osteochondral Regeneration of Stem Cells; a Close Look at Different Modalities. Stem Cell Reviews and Reports, 2021, 17, 1294-1311.	3.8	16
40	Modulation of LXR signaling altered the dynamic activity of human colon adenocarcinoma cancer stem cells in vitro. Cancer Cell International, 2021, 21, 100.	4.1	11
41	Novel hybrid polyester-polyacrylate hydrogels enriched with platelet-derived growth factor for chondrogenic differentiation of adipose-derived mesenchymal stem cells in vitro. Journal of Biological Engineering, 2021, 15, 6.	4.7	10
42	Role of melatonin in the angiogenesis potential; highlights on the cardiovascular disease. Journal of Inflammation, 2021, 18, 4.	3.4	17
43	Performance evaluation of a novel conceptual bioprocess for clinically-required mass production of hematopoietic cells. Biotechnology Letters, 2021, 43, 959-966.	2.2	2
44	Effect of docosahexaenoic acid plus insulin on atherosclerotic human endothelial cells. Journal of Inflammation, 2021, 18, 10.	3.4	2
45	Evaluation of inflammatory miRNA155 and 146a expression in heart tissue of ovalbumin-sensitized male rats. Journal of Research in Clinical Medicine, 2021, 9, 11-11.	0.1	0
46	Thymoquinone inhibited vasculogenic capacity and promoted mesenchymal-epithelial transition of human breast cancer stem cells. BMC Complementary Medicine and Therapies, 2021, 21, 83.	2.7	14
47	Asthmatic condition induced the activity of exosome secretory pathway in rat pulmonary tissues. Journal of Inflammation, 2021, 18, 14.	3.4	22
48	Melatonin and prolonged physical activity attenuated the detrimental effects of diabetic condition on murine cardiac tissue. Tissue and Cell, 2021, 69, 101486.	2.2	8
49	Bacterial Lipase Neutralized Toxicity of Lipopolysaccharide on Chicken Embryo Cardiac Tissue. Cardiovascular Toxicology, 2021, 21, 582-591.	2.7	0
50	Resveratrol reduced the detrimental effects of malondialdehyde on human endothelial cells. Journal of Cardiovascular and Thoracic Research, 2021, 13, 131-140.	0.9	4
51	Evaluation of the Effect of Hyaluronic Acidâ€“Based Biomaterial Enriched With Tenascin-C on the Behavior of the Neural Stem Cells. International Journal of Toxicology, 2021, 40, 218-225.	1.2	5
52	Alginate-chitosan core-shell microcapsule cultures of hepatic cells in a small scale stirred bioreactor: impact of shear forces and microcapsule core composition. Journal of Biological Engineering, 2021, 15, 14.	4.7	10
53	Distinct chemical composition and enzymatic treatment induced human endothelial cells survival in acellular ovine aortae. BMC Research Notes, 2021, 14, 126.	1.4	2
54	Culture of rabbit bone marrow mesenchymal stem cells on polyurethane/pyrrole surface promoted differentiation into endothelial lineage. Artificial Organs, 2021, 45, E324-E334.	1.9	6

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55	The Combined Thermoresponsive Cell-Imprinted Substrate, Induced Differentiation, and "KLC Sheet" Formation. Advanced Pharmaceutical Bulletin, 2021, , .	1.4	3
56	Phenolated alginate-collagen hydrogel induced chondrogenic capacity of human amniotic mesenchymal stem cells. Journal of Biomaterials Applications, 2021, 36, 789-802.	2.4	11
57	Amniotic fluid-derived exosomes improved spermatogenesis in a rat model of azoospermia. Life Sciences, 2021, 274, 119336.	4.3	27
58	An Examination of the Putative Role of Melatonin in Exosome Biogenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 686551.	3.7	23
59	Application of neurotrophic factor-secreting cells (astrocyte - Like cells) in the in-vitro Alzheimerâ€™s disease-like pathology on the human neuroblastoma cells. Brain Research Bulletin, 2021, 172, 180-189.	3.0	10
60	Effect of melatonin on exosomal dynamics in bovine cumulus cells. Process Biochemistry, 2021, 106, 78-87.	3.7	18
61	Exosomal delivery of therapeutic modulators through the bloodâ€“brain barrier; promise and pitfalls. Cell and Bioscience, 2021, 11, 142.	4.8	70
62	Chronic asthmatic condition modulated the onset of aging in bone marrow mesenchymal stem cells. Cell Biochemistry and Function, 2021, 39, 821-827.	2.9	3
63	Autophagy stimulation delayed biological aging and decreased cardiac differentiation in rabbit mesenchymal stem cells. Journal of Cardiovascular and Thoracic Research, 2021, 13, 234-240.	0.9	2
64	Preparation, characterization, and antibacterial properties of hybrid nanofibrous scaffolds for cutaneous tissue engineering. Human Cell, 2021, 34, 1682-1696.	2.7	4
65	Applications, challenges and prospects of mesenchymal stem cell exosomes in regenerative medicine. Stem Cell Research and Therapy, 2021, 12, 521.	5.5	43
66	Menstrual blood <scp>CD146</scp>⁺ mesenchymal stem cells reduced fibrosis rate in the rat model of premature ovarian failure. Cell Biochemistry and Function, 2021, 39, 998-1008.	2.9	16
67	Static and dynamic culture of human endothelial cells encapsulated inside alginate-gelatin microspheres. Microvascular Research, 2021, 137, 104174.	2.5	6
68	Fabrication of alginate-based hydrogel cross-linked via horseradish peroxidase for articular cartilage engineering. BMC Research Notes, 2021, 14, 384.	1.4	7
69	Intra-ovarian injection of bone marrow-derived c-Kit⁺ cells for ovarian rejuvenation in menopausal rats. BioImpacts, 2021, , .	1.5	5
70	Does the Global Outbreak of COVID-19 or Other Viral Diseases Threaten the Stem Cell Reservoir Inside the Body?. Stem Cell Reviews and Reports, 2021, 17, 214-230.	3.8	11
71	Electrospun polyurethane/poly (É›-caprolactone) nanofibers promoted the attachment and growth of human endothelial cells in static and dynamic culture conditions. Microvascular Research, 2021, 133, 104073.	2.5	21
72	3D-printed microneedles in biomedical applications. IScience, 2021, 24, 102012.	4.1	113

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73	In vivo evaluation of biocompatibility and immune modulation potential of poly(caprolactone)â€“poly(ethylene glycol)â€“poly(caprolactone)-gelatin hydrogels enriched with nano-hydroxyapatite in the model of mouse. Journal of Biomaterials Applications, 2021, 35, 1253-1263.	2.4	14
74	Juxtaposition of Mesenchymal Stem Cells with Endothelial Progenitor Cells Promoted Angiogenic Potential Inside Alginate-Gelatin Microspheres. Advanced Pharmaceutical Bulletin, 2021, 11, 163-170.	1.4	3
75	Current knowledge and challenges associated with targeted delivery of neurotrophic factors into the central nervous system: focus on available approaches. Cell and Bioscience, 2021, 11, 181.	4.8	15
76	A small molecule modulating monounsaturated fatty acids and Wnt signaling confers maintenance to induced pluripotent stem cells against endodermal differentiation. Stem Cell Research and Therapy, 2021, 12, 550.	5.5	11
77	Estradiol modulated differentiation and dynamic growth of CD90+ spermatogonial stem cells toward Sertoli-like cells. Life Sciences, 2021, 286, 120041.	4.3	4
78	Effects of Different Vitrification Solutions and Protocol on Follicular Ultrastructure and Revascularization of Autografted Mouse Ovarian Tissue. Cell Journal, 2021, 22, 491-501.	0.2	0
79	c-kit+ cells offer hopes in ameliorating asthmatic pathologies via regulation of miRNA-133 and miRNA-126. Iranian Journal of Basic Medical Sciences, 2021, 24, 369-376.	1.0	5
80	Level of miR-101a and miR-107 in Human Adipose Mesenchymal Stem Cells Committed to Insulin-producing Cells. International Journal of Molecular and Cellular Medicine, 2021, 10, 68-74.	1.1	2
81	Effect of Incorporation of Zeolite Containing Silver-Zinc Nanoparticles into Mineral Trioxide Aggregate on Odontogenic Activity of Human Dental Pulp Stem Cells. Journal of Dentistry, 2021, 22, 187-192.	0.1	0
82	Clinical application of stem cell therapy in neurogenic bladder: a systematic review and meta-analysis. International Urogynecology Journal, 2021, , 1.	1.4	5
83	Unraveling the Effect of Breast Cancer Patientsâ€™ Plasma on the Targeting Ability of Folic Acid-Modified Chitosan Nanoparticles. Molecular Pharmaceutics, 2021, 18, 4341-4353.	4.6	17
84	Mild hyperthermia induced by gold nanorods acts as a dual-edge blade in the fate of SH-SY5Y cells via autophagy. Scientific Reports, 2021, 11, 23984.	3.3	3
85	Tumor-derived extracellular vesicles: insights into bystander effects of exosomes after irradiation. Lasers in Medical Science, 2020, 35, 531-545.	2.1	49
86	Modulatory effect of photobiomodulation on stem cell epigenetic memory: a highlight on differentiation capacity. Lasers in Medical Science, 2020, 35, 299-306.	2.1	28
87	Toll-like receptor bioactivity in endothelial progenitor cells. Cell and Tissue Research, 2020, 379, 223-230.	2.9	15
88	Collagen modulates functional activity of hepatic cells inside alginate-galactosylated chitosan hydrogel microcapsules. International Journal of Biological Macromolecules, 2020, 156, 1270-1278.	7.5	20
89	Surface plasmon resonance biosensors for detection of Alzheimer's biomarkers; an effective step in early and accurate diagnosis. Biosensors and Bioelectronics, 2020, 167, 112511.	10.1	58
90	Mitochondrial donation in translational medicine; from imagination to reality. Journal of Translational Medicine, 2020, 18, 367.	4.4	11

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91	Estradiol modulated colorectal cancer stem cells bioactivity and interaction with endothelial cells. Life Sciences, 2020, 257, 118078.	4.3	12
92	Intra-ovarian injection of platelet-rich plasma into ovarian tissue promoted rejuvenation in the rat model of premature ovarian insufficiency and restored ovulation rate via angiogenesis modulation. Reproductive Biology and Endocrinology, 2020, 18, 78.	3.3	31
93	Exosomal cargos modulate autophagy in recipient cells via different signaling pathways. Cell and Bioscience, 2020, 10, 92.	4.8	54
94	Câ€Kit + progenitors restore rat asthmatic lung function by modulation of Tâ€bet and GATAâ€3 expression. Experimental Physiology, 2020, 105, 1623-1633.	2.0	2
95	A mechanical non-enzymatic method for isolation of mouse embryonic fibroblasts. Molecular Biology Reports, 2020, 47, 8881-8890.	2.3	4
96	Unraveling the therapeutic effects of mesenchymal stem cells in asthma. Stem Cell Research and Therapy, 2020, 11, 400.	5.5	24
97	Hypoxic exosomes orchestrate tumorigenesis: molecular mechanisms and therapeutic implications. Journal of Translational Medicine, 2020, 18, 474.	4.4	53
98	CTRP9: An emerging potential anti-aging molecule in brain. Cellular Signalling, 2020, 73, 109694.	3.6	7
99	Cytoprotective and cytofunctional effect of polyanionic polysaccharide alginate and gelatin microspheres on rat cardiac cells. International Journal of Biological Macromolecules, 2020, 161, 969-976.	7.5	9
100	Salvia officinalis hydroalcoholic extract improved reproduction capacity and behavioral activity in rats exposed to immobilization stress. Animal Science Journal, 2020, 91, e13382.	1.4	6
101	Breast cancerâ€derived exosomes: Tumor progression and therapeutic agents. Journal of Cellular Physiology, 2020, 235, 6345-6356.	4.1	79
102	High Glucose Content Abrogated the Normal Activity of Heat Shock Protein Signaling Pathway in Human Neuroblastoma Cells. Archives of Medical Research, 2020, 51, 180-184.	3.3	0
103	Real-state of autophagy signaling pathway in neurodegenerative disease; focus on multiple sclerosis. Journal of Inflammation, 2020, 17, 6.	3.4	17
104	Down-regulation of Bcl2 and Survivin, and up-regulation of Bax involved in copper (II) phenylthiosemicarbazone complex-induced apoptosis in leukemia stem-like KG1a cells. Process Biochemistry, 2020, 92, 190-196.	3.7	3
105	Interaction of opioid with insulin/IGFs signaling in Alzheimer's disease. Journal of Molecular Neuroscience, 2020, 70, 819-834.	2.3	6
106	Arachidonic acid alleviates the detrimental effects of acetylsalicylic acid on human granulosa cells performance in vitro. Molecular Reproduction and Development, 2020, 87, 607-619.	2.0	3
107	Autophagy modulation altered differentiation capacity of CD146+ cells toward endothelial cells, pericytes, and cardiomyocytes. Stem Cell Research and Therapy, 2020, 11, 139.	5.5	41
108	A glimpse into molecular mechanisms of embryonic stem cells pluripotency: Current status and future perspective. Journal of Cellular Physiology, 2020, 235, 6377-6392.	4.1	12

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109	Superior Synaptogenic Effect of Electrospun PLGA-PEG Nanofibers Versus PLGA Nanofibers on Human Neural SH-SY5Y Cells in a Three-Dimensional Culture System. Journal of Molecular Neuroscience, 2020, 70, 1967-1976.	2.3	10
110	Hollow Alginate-Poly-L-Lysine-Alginate Microspheres Promoted an Epithelial-Mesenchymal Transition in Human Colon Adenocarcinoma Cells. Advanced Pharmaceutical Bulletin, 2020, 10, 141-145.	1.4	3
111	Effectiveness of Stem Cell Therapy in the Treatment of Ovarian Disorders and Female Infertility: A Systematic Review. Current Stem Cell Research and Therapy, 2020, 15, 173-186.	1.3	10
112	Promoter methylation and expression pattern of DLX3, ATF4, and FRA1 genes during osteoblastic differentiation of adipose-derived mesenchymal stem cells. BioImpacts, 2020, 10, 243-250.	1.5	3
113	Protective effect of bacterial lipase on lipopolysaccharide-induced toxicity in rat cardiomyocytes; H9C2 cell line. Journal of Cardiovascular and Thoracic Research, 2020, 12, 35-42.	0.9	4
114	Stem Cell Therapy for Neurogenic Bladder Dysfunction in Rodent Models: A Systematic Review. International Neurourology Journal, 2020, 24, 241-257.	1.2	9
115	Metformin Had Potential to Increase Endocan Levels in STZ-Induced Diabetic Mice. Pharmaceutical Sciences, 2020, 26, 133-141.	0.2	3
116	Alginate-Gelatin Microspheres Protect Human Mesenchymal Stem Cells During Deep Cryopreservation. Jentashapir Journal of Cellular and Molecular Biology, 2020, 11, .	0.2	0
117	Combination of Estradiol with Leukemia Inhibitory Factor Stimulates Granulosa Cells Differentiation into Oocyte-Like Cells. Advanced Pharmaceutical Bulletin, 2020, 11, 712-718.	1.4	0
118	Dynamic of miRNA-101a-3p and miRNA-200a during Induction of Osteoblast Differentiation in Adipose-derived Mesenchymal Stem Cells. International Journal of Molecular and Cellular Medicine, 2020, 9, 140-146.	1.1	2
119	Type 2 Diabetes Mellitus Provokes Rat Immune Cells Recruitment into the Pulmonary Niche by Up-regulation of Endothelial Adhesion Molecules. Advanced Pharmaceutical Bulletin, 2020, 12, 176-182.	1.4	2
120	Tumor-derived extracellular vesicles: reliable tools for Cancer diagnosis and clinical applications. Cell Communication and Signaling, 2019, 17, 73.	6.5	138
121	Toxic effects of VCD on kidneys and liver tissues: a histopathological and biochemical study. BMC Research Notes, 2019, 12, 446.	1.4	11
122	In vitro induction of odontogenic activity of human dental pulp stem cells by white Portland cement enriched with zirconium oxide and zinc oxide components. Journal of Dental Research, Dental Clinics, Dental Prospects, 2019, 13, 3-10.	1.0	12
123	Metformin Effect on Endocan Biogenesis in Human Endothelial Cells Under Diabetic Condition. Archives of Medical Research, 2019, 50, 304-314.	3.3	20
124	Chrysin and Docetaxel Loaded Biodegradable Micelle for Combination Chemotherapy of Cancer Stem Cell. Pharmaceutical Research, 2019, 36, 165.	3.5	22
125	Electrospun nanofibers for the fabrication of engineered vascular grafts. Journal of Biological Engineering, 2019, 13, 83.	4.7	35
126	A novel egg-shell membrane based hybrid nanofibrous scaffold for cutaneous tissue engineering. Journal of Biological Engineering, 2019, 13, 79.	4.7	27

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127	Comparative study of collagen and gelatin in chitosan-based hydrogels for effective wound dressing: Physical properties and fibroblastic cell behavior. Biochemical and Biophysical Research Communications, 2019, 518, 625-631.	2.1	59
128	Intra-bladder wall transplantation of bone marrow mesenchymal stem cells improved urinary bladder dysfunction following spinal cord injury. Life Sciences, 2019, 221, 20-28.	4.3	18
129	Detection of CD133-marked cancer stem cells by surface plasmon resonance: Its application in leukemia patients. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 1575-1582.	2.4	28
130	Enhanced penetration and cytotoxicity of metformin and collagenase conjugated gold nanoparticles in breast cancer spheroids. Life Sciences, 2019, 231, 116545.	4.3	41
131	Cardioprotective role of extracellular vesicles: A highlight on exosome beneficial effects in cardiovascular diseases. Journal of Cellular Physiology, 2019, 234, 21732-21745.	4.1	59
132	Role of autophagy in atherosclerosis: foe or friend?. Journal of Inflammation, 2019, 16, 8.	3.4	64
133	Letter to the editor regarding article, â€œRole of glycogen synthase kinase following myocardial infarction and ischemiaâ€“reperfusionâ€. Apoptosis: an International Journal on Programmed Cell Death, 2019, 24, 541-541.	4.9	2
134	Nano-featured poly (lactide-co-glycolide)-graphene microribbons as a promising substrate for nerve tissue engineering. Composites Part B: Engineering, 2019, 173, 106863.	12.0	28
135	Treatment of human neuroblastoma cell line SHâ€5Y5Y with HSP27 siRNA taggedâ€exosomes decreased differentiation rate into mature neurons. Journal of Cellular Physiology, 2019, 234, 21005-21013.	4.1	22
136	Curcumin inhibits angiogenesis in endothelial cells using downregulation of the PI3K/Akt signaling pathway. Food Bioscience, 2019, 29, 86-93.	4.4	13
137	Collagenâ€alginateâ€nanoâ€silica microspheres improved the osteogenic potential of human osteoblastâ€like MGâ€63 cells. Journal of Cellular Biochemistry, 2019, 120, 15069-15082.	2.6	36
138	Tollâ€like receptors in the functional orientation of cardiac progenitor cells. Journal of Cellular Physiology, 2019, 234, 19451-19463.	4.1	1
139	Targeting pericytes for neurovascular regeneration. Cell Communication and Signaling, 2019, 17, 26.	6.5	67
140	Modulation of lipolysis and glycolysis pathways in cancer stem cells changed multipotentiality and differentiation capacity toward endothelial lineage. Cell and Bioscience, 2019, 9, 30.	4.8	17
141	Physiological impact of extracellular vesicles on female reproductive system; highlights to possible restorative effects on female ageâ€related fertility. BioFactors, 2019, 45, 293-303.	5.4	23
142	Curcumin ameliorated myocardial infarction by inhibition of cardiotoxicity in the rat model. Journal of Cellular Biochemistry, 2019, 120, 11965-11972.	2.6	40
143	Quercetin promotes learning and memory performance concomitantly with neural stem/progenitor cell proliferation and neurogenesis in the adult rat dentate gyrus. International Journal of Developmental Neuroscience, 2019, 74, 18-26.	1.6	54
144	Treatment of cancer stem cells from human colon adenocarcinoma cell line HT-29 with resveratrol and sulindac induced mesenchymal-endothelial transition rate. Cell and Tissue Research, 2019, 376, 377-388.	2.9	29

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145	Advanced platelet-rich fibrin plus gold nanoparticles enhanced the osteogenic capacity of human mesenchymal stem cells. BMC Research Notes, 2019, 12, 721.	1.4	11
146	Ovarian function and reproductive outcome after ovarian tissue transplantation: a systematic review. Journal of Translational Medicine, 2019, 17, 396.	4.4	41
147	Current progress in hepatic tissue regeneration by tissue engineering. Journal of Translational Medicine, 2019, 17, 383.	4.4	77
148	Autologous mitochondrial microinjection; a strategy to improve the oocyte quality and subsequent reproductive outcome during aging. Cell and Bioscience, 2019, 9, 95.	4.8	38
149	Evaluation of the association between exosomal levels and female reproductive system and fertility outcome during aging: a systematic review protocol. Systematic Reviews, 2019, 8, 293.	5.3	10
150	Resveratrol potentially increased the tumoricidal effect of doxorubicin on SKOV3 cancer stem cells in vitro. Journal of Cellular Biochemistry, 2019, 120, 8430-8437.	2.6	16
151	Encapsulation of rat cardiomyoblasts with alginate-gelatin microspheres preserves stemness feature in vitro. Biomedicine and Pharmacotherapy, 2019, 109, 402-407.	5.6	14
152	Quercetin alleviates high glucose-induced damage on human umbilical vein endothelial cells by promoting autophagy. Phytomedicine, 2019, 56, 183-193.	5.3	65
153	Curcumin modulates the angiogenic potential of human endothelial cells via FAK/P-38 MAPK signaling pathway. Gene, 2019, 688, 7-12.	2.2	25
154	Fabrication and characterization of novel ethyl cellulose-grafted-poly (É›-caprolactone)/alginate nanofibrous/macroporous scaffolds incorporated with nano-hydroxyapatite for bone tissue engineering. Journal of Biomaterials Applications, 2019, 33, 1128-1144.	2.4	44
155	Bone marrow mesenchymal stem cells and condition media diminish inflammatory adhesion molecules of pulmonary endothelial cells in an ovalbumin-induced asthmatic rat model. Microvascular Research, 2019, 121, 63-70.	2.5	31
156	The effect of alginate-gelatin encapsulation on the maturation of human myelomonocytic cell line U937. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 25-35.	2.7	20
157	Transplantation of Bone Marrowâ€"Derived Mesenchymal Stem Cells, Platelet-Rich Plasma, and Fibrin Glue for Periodontal Regeneration. International Journal of Periodontics and Restorative Dentistry, 2019, 39, e32-e45.	1.0	15
158	Distinct Tie2 tyrosine phosphorylation sites dictate phenotypic switching in endothelial progenitor cells. Journal of Cellular Physiology, 2019, 234, 6209-6219.	4.1	6
159	Crocetin promotes angiogenesis in human endothelial cells through PI3K-Akt-eNOS signaling pathway. EXCLI Journal, 2019, 18, 936-949.	0.7	17
160	4t-CHQ a Spiro-Quinazolinone Benzenesulfonamide Derivative Induces G0/G1 Cell Cycle arrest and Triggers Apoptosis Through Down-Regulation of Survivin and Bcl2 in the Leukemia Stem-Like KG1-a Cells. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1340-1349.	1.7	5
161	Isolation and characterization of human amniotic fluid and SH-SY5Y/BE(2)-M17 cell derived exosomes. Acta Neurobiologiae Experimentalis, 2019, 79, 262-270.	0.7	1
162	Isolation and characterization of human amniotic fluid and SH-SY5Y/ BE(2)-M17 cell derived exosomes. Acta Neurobiologiae Experimentalis, 2019, 79, 261-269.	0.7	1

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163	Angiogenic potential of YKL-40 in the dynamics of tumor niche. Biomedicine and Pharmacotherapy, 2018, 100, 478-485.	5.6	19
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