

Reza Rahbarghazi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

222
papers

2,879
citations

30
h-index

40
g-index

262
ext. papers

4,005
ext. citations

4.6
avg, IF

5.9
L-index

#	Paper	IF	Citations
222	Tumor-derived extracellular vesicles: reliable tools for Cancer diagnosis and clinical applications. <i>Cell Communication and Signaling</i> , 2019 , 17, 73	7.5	87
221	Interactions of mesenchymal stem cells with endothelial cells. <i>Stem Cells and Development</i> , 2014 , 23, 319-32	4.4	74
220	The roles of non-coding RNAs in Parkinson's disease. <i>Molecular Biology Reports</i> , 2016 , 43, 1193-1204	2.8	71
219	The potential therapeutic effect of melatonin on human ovarian cancer by inhibition of invasion and migration of cancer stem cells. <i>Scientific Reports</i> , 2017 , 7, 17062	4.9	66
218	Cancer stem cells-emanated therapy resistance: Implications for liposomal drug delivery systems. <i>Journal of Controlled Release</i> , 2018 , 288, 62-83	11.7	63
217	Juxtacrine and paracrine interactions of rat marrow-derived mesenchymal stem cells, muscle-derived satellite cells, and neonatal cardiomyocytes with endothelial cells in angiogenesis dynamics. <i>Stem Cells and Development</i> , 2013 , 22, 855-65	4.4	61
216	Dynamic induction of pro-angiogenic milieu after transplantation of marrow-derived mesenchymal stem cells in experimental myocardial infarction. <i>International Journal of Cardiology</i> , 2014 , 173, 453-66	3.2	59
215	Tissue engineering strategies for the induction of angiogenesis using biomaterials. <i>Journal of Biological Engineering</i> , 2018 , 12, 36	6.3	55
214	Exosomes and their Application in Biomedical Field: Difficulties and Advantages. <i>Molecular Neurobiology</i> , 2018 , 55, 3372-3393	6.2	52
213	Breast cancer-derived exosomes: Tumor progression and therapeutic agents. <i>Journal of Cellular Physiology</i> , 2020 , 235, 6345-6356	7	48
212	Evaluation of Motor Neuron-Like Cell Differentiation of hEnSCs on Biodegradable PLGA Nanofiber Scaffolds. <i>Molecular Neurobiology</i> , 2015 , 52, 1704-1713	6.2	47
211	Quercetin alleviates high glucose-induced damage on human umbilical vein endothelial cells by promoting autophagy. <i>Phytomedicine</i> , 2019 , 56, 183-193	6.5	46
210	Cardioprotective role of extracellular vesicles: A highlight on exosome beneficial effects in cardiovascular diseases. <i>Journal of Cellular Physiology</i> , 2019 , 234, 21732-21745	7	43
209	Role of autophagy in atherosclerosis: foe or friend?. <i>Journal of Inflammation</i> , 2019 , 16, 8	6.7	39
208	Synthesis and in vitro evaluation of thermosensitive hydrogel scaffolds based on (PNIPAAm-PCL-PEG-PCL-PNIPAAm)/Gelatin and (PCL-PEG-PCL)/Gelatin for use in cartilage tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018 , 29, 1185-1206	3.5	39
207	3D-printed microneedles in biomedical applications. <i>IScience</i> , 2021 , 24, 102012	6.1	38
206	Type 2 Diabetes Inhibited Human Mesenchymal Stem Cells Angiogenic Response by Over-Activity of the Autophagic Pathway. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 1518-1530	4.7	37

205	Tumor-derived extracellular vesicles: insights into bystander effects of exosomes after irradiation. <i>Lasers in Medical Science</i> , 2020 , 35, 531-545	3.1	37
204	Potent anti-angiogenic and cytotoxic effect of conferone on human colorectal adenocarcinoma HT-29 cells. <i>Phytomedicine</i> , 2016 , 23, 398-405	6.5	36
203	Rapamycin inhibits oxidative/nitrosative stress and enhances angiogenesis in high glucose-treated human umbilical vein endothelial cells: Role of autophagy. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 93, 885-894	7.5	35
202	Angiogenic and Restorative Abilities of Human Mesenchymal Stem Cells Were Reduced Following Treatment With Serum From Diabetes Mellitus Type 2 Patients. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 524-535	4.7	34
201	Low-level laser irradiation at a high power intensity increased human endothelial cell exosome secretion via Wnt signaling. <i>Lasers in Medical Science</i> , 2018 , 33, 1131-1145	3.1	33
200	Diabetic sera disrupted the normal exosome signaling pathway in human mesenchymal stem cells in vitro. <i>Cell and Tissue Research</i> , 2018 , 374, 555-565	4.2	32
199	Endothelial juxtaposition of distinct adult stem cells activates angiogenesis signaling molecules in endothelial cells. <i>Cell and Tissue Research</i> , 2015 , 362, 597-609	4.2	32
198	ECM-Dependence of Endothelial Progenitor Cell Features. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 1934-46	4.7	32
197	Distinct role of autophagy on angiogenesis: highlights on the effect of autophagy in endothelial lineage and progenitor cells. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 305	8.3	32
196	Alginate-gelatin encapsulation of human endothelial cells promoted angiogenesis in in vivo and in vitro milieu. <i>Biotechnology and Bioengineering</i> , 2017 , 114, 2920-2930	4.9	31
195	Current progress in hepatic tissue regeneration by tissue engineering. <i>Journal of Translational Medicine</i> , 2019 , 17, 383	8.5	31
194	Targeting pericytes for neurovascular regeneration. <i>Cell Communication and Signaling</i> , 2019 , 17, 26	7.5	30
193	Cardiac progenitor cells application in cardiovascular disease. <i>Journal of Cardiovascular and Thoracic Research</i> , 2017 , 9, 127-132	1.3	30
192	Carvacrol promotes angiogenic paracrine potential and endothelial differentiation of human mesenchymal stem cells at low concentrations. <i>Microvascular Research</i> , 2018 , 115, 20-27	3.7	30
191	Systemic delivery of mesenchymal stem cells condition media in repeated doses acts as magic bullets in restoring IFN- γ /IL-4 balance in asthmatic rats. <i>Life Sciences</i> , 2018 , 212, 30-36	6.8	30
190	Endothelial cells' biophysical, biochemical, and chromosomal aberrancies in high-glucose condition within the diabetic range. <i>Cell Biochemistry and Function</i> , 2017 , 35, 83-97	4.2	29
189	Early-stage detection of VE-cadherin during endothelial differentiation of human mesenchymal stem cells using SPR biosensor. <i>Biosensors and Bioelectronics</i> , 2017 , 96, 358-366	11.8	29
188	Quercetin promotes learning and memory performance concomitantly with neural stem/progenitor cell proliferation and neurogenesis in the adult rat dentate gyrus. <i>International Journal of Developmental Neuroscience</i> , 2019 , 74, 18-26	2.7	28

187	Comparative study of collagen and gelatin in chitosan-based hydrogels for effective wound dressing: Physical properties and fibroblastic cell behavior. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 518, 625-631	3.4	27
186	Label-free biosensors in the field of stem cell biology. <i>Biosensors and Bioelectronics</i> , 2018 , 101, 188-198	11.8	27
185	Surface plasmon resonance biosensors for detection of Alzheimer's biomarkers; an effective step in early and accurate diagnosis. <i>Biosensors and Bioelectronics</i> , 2020 , 167, 112511	11.8	27
184	High glucose condition limited the angiogenic/cardiogenic capacity of murine cardiac progenitor cells in in vitro and in vivo milieu. <i>Cell Biochemistry and Function</i> , 2018 , 36, 346-356	4.2	26
183	Role of glycogen synthase kinase following myocardial infarction and ischemia-reperfusion. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017 , 22, 887-897	5.4	25
182	Curcumin ameliorated myocardial infarction by inhibition of cardiotoxicity in the rat model. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 11965	4.7	25
181	Fabrication and characterization of novel ethyl cellulose-grafted-poly (ε-caprolactone)/alginate nanofibrous/macroporous scaffolds incorporated with nano-hydroxyapatite for bone tissue engineering. <i>Journal of Biomaterials Applications</i> , 2019 , 33, 1128-1144	2.9	25
180	Bone marrow mesenchymal stem cells and their conditioned media could potentially ameliorate ovalbumin-induced asthmatic changes. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 85, 28-40	7.5	24
179	Silibinin protects human endothelial cells from high glucose-induced injury by enhancing autophagic response. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 8084-8094	4.7	24
178	Ovarian function and reproductive outcome after ovarian tissue transplantation: a systematic review. <i>Journal of Translational Medicine</i> , 2019 , 17, 396	8.5	24
177	Electrospun nanofibers for the fabrication of engineered vascular grafts. <i>Journal of Biological Engineering</i> , 2019 , 13, 83	6.3	23
176	The role of morphine on rat neural stem cells viability, neuro-angiogenesis and neuro-steroidogenesis properties. <i>Neuroscience Letters</i> , 2017 , 636, 205-212	3.3	23
175	Collagen-alginate-nano-silica microspheres improved the osteogenic potential of human osteoblast-like MG-63 cells. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 15069-15082	4.7	22
174	A reversal of age-dependent proliferative capacity of endothelial progenitor cells from different species origin in in vitro condition. <i>Journal of Cardiovascular and Thoracic Research</i> , 2016 , 8, 102-106	1.3	22
173	Potential role of polyunsaturated fatty acids, with particular regard to the signaling pathways of arachidonic acid and its derivatives in the process of maturation of the oocytes: Contemporary review. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 94, 458-467	7.5	21
172	Effects of combination of melatonin and laser irradiation on ovarian cancer cells and endothelial lineage viability. <i>Lasers in Medical Science</i> , 2016 , 31, 1565-1572	3.1	21
171	Treatment of cancer stem cells from human colon adenocarcinoma cell line HT-29 with resveratrol and sulindac induced mesenchymal-endothelial transition rate. <i>Cell and Tissue Research</i> , 2019 , 376, 377-388	4.2	21
170	Autologous mitochondrial microinjection; a strategy to improve the oocyte quality and subsequent reproductive outcome during aging. <i>Cell and Bioscience</i> , 2019 , 9, 95	9.8	21

169	Detection of CD133-marked cancer stem cells by surface plasmon resonance: Its application in leukemia patients. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 1575-1582	4	20
168	Enhanced penetration and cytotoxicity of metformin and collagenase conjugated gold nanoparticles in breast cancer spheroids. <i>Life Sciences</i> , 2019 , 231, 116545	6.8	20
167	Serological proteome analysis of dogs with breast cancer unveils common serum biomarkers with human counterparts. <i>Electrophoresis</i> , 2014 , 35, 901-10	3.6	20
166	Exosomal cargos modulate autophagy in recipient cells via different signaling pathways. <i>Cell and Bioscience</i> , 2020 , 10, 92	9.8	20
165	Bone marrow mesenchymal stem cells and condition media diminish inflammatory adhesion molecules of pulmonary endothelial cells in an ovalbumin-induced asthmatic rat model. <i>Microvascular Research</i> , 2019 , 121, 63-70	3.7	20
164	Systemic Transplantation of Mesenchymal Stem Cells Modulates Endothelial Cell Adhesion Molecules Induced by Ovalbumin in Rat Model of Asthma. <i>Inflammation</i> , 2018 , 41, 2236-2245	5.1	19
163	Nano-featured poly (lactide-co-glycolide)-graphene microribbons as a promising substrate for nerve tissue engineering. <i>Composites Part B: Engineering</i> , 2019 , 173, 106863	10	18
162	Hypoxic exosomes orchestrate tumorigenesis: molecular mechanisms and therapeutic implications. <i>Journal of Translational Medicine</i> , 2020 , 18, 474	8.5	18
161	Angiogenic activity of endothelial progenitor cells through angiopoietin-1 and angiopoietin-2. <i>Animal Cells and Systems</i> , 2016 , 20, 118-129	2.3	18
160	Modulatory effect of photobiomodulation on stem cell epigenetic memory: a highlight on differentiation capacity. <i>Lasers in Medical Science</i> , 2020 , 35, 299-306	3.1	18
159	Curcumin modulates the angiogenic potential of human endothelial cells via FAK/P-38 MAPK signaling pathway. <i>Gene</i> , 2019 , 688, 7-12	3.8	18
158	Bone marrow mesenchymal stem cells modified pathological changes and immunological responses in ovalbumin-induced asthmatic rats possibly by the modulation of miRNA155 and miRNA133. <i>General Physiology and Biophysics</i> , 2018 , 37, 263-274	2.1	17
157	The impact of different extracellular matrices on melatonin effect in proliferation and stemness properties of ovarian cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 87, 288-295	7.5	16
156	Angiogenic potential of YKL-40 in the dynamics of tumor niche. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 100, 478-485	7.5	16
155	Contributory Anti-Inflammatory Effects of Mesenchymal Stem Cells, Not Conditioned Media, On Ovalbumin-Induced Asthmatic Changes in Male Rats. <i>Inflammation</i> , 2016 , 39, 1960-1971	5.1	16
154	Chrysin and Docetaxel Loaded Biodegradable Micelle for Combination Chemotherapy of Cancer Stem Cell. <i>Pharmaceutical Research</i> , 2019 , 36, 165	4.5	16
153	Functional convergence of Akt protein with VEGFR-1 in human endothelial progenitor cells exposed to sera from patient with type 2 diabetes mellitus. <i>Microvascular Research</i> , 2017 , 114, 101-113	3.7	16
152	NK cells-directed therapies target circulating tumor cells and metastasis. <i>Cancer Letters</i> , 2021 , 497, 41-53	5.9	16

151	Physiological impact of extracellular vesicles on female reproductive system; highlights to possible restorative effects on female age-related fertility. <i>BioFactors</i> , 2019 , 45, 293-303	6.1	14
150	Biomimetic antifouling PDMS surface developed via well-defined polymer brushes for cardiovascular applications. <i>European Polymer Journal</i> , 2018 , 106, 305-317	5.2	14
149	Exosomal delivery of therapeutic modulators through the blood-brain barrier; promise and pitfalls. <i>Cell and Bioscience</i> , 2021 , 11, 142	9.8	14
148	Protective effects of melatonin on long-term administration of fluoxetine in rats. <i>Experimental and Toxicologic Pathology</i> , 2017 , 69, 564-574		13
147	Treatment of human neuroblastoma cell line SH-SY5Y with HSP27 siRNA tagged-exosomes decreased differentiation rate into mature neurons. <i>Journal of Cellular Physiology</i> , 2019 , 234, 21005-21013		13
146	A novel egg-shell membrane based hybrid nanofibrous scaffold for cutaneous tissue engineering. <i>Journal of Biological Engineering</i> , 2019 , 13, 79	6.3	13
145	Common chemotherapeutic agents modulate fatty acid distribution in human hepatocellular carcinoma and colorectal cancer cells. <i>BioImpacts</i> , 2017 , 7, 31-39	3.5	13
144	Chronic Exposure of Human Endothelial Progenitor Cells to Diabetic Condition Abolished the Regulated Kinetics Activity of Exosomes. <i>Iranian Journal of Pharmaceutical Research</i> , 2018 , 17, 1068-1080 ^{1,1}		13
143	Unraveling the therapeutic effects of mesenchymal stem cells in asthma. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 400	8.3	13
142	Modulation of lipolysis and glycolysis pathways in cancer stem cells changed multipotentiality and differentiation capacity toward endothelial lineage. <i>Cell and Bioscience</i> , 2019 , 9, 30	9.8	12
141	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	1.1	12
140	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. <i>Reproductive Biology and Endocrinology</i> , 2020 , 18, 78	5	12
139	Prolonged incubation with Metformin decreased angiogenic potential in human bone marrow mesenchymal stem cells. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 108, 1328-1337	7.5	12
138	Photo-modulation of zinc phthalocyanine-treated breast cancer cell line ZR-75-1 inhibited the normal tumor activity in vitro. <i>Lasers in Medical Science</i> , 2018 , 33, 1969-1978	3.1	11
137	Effect of hydroxychloroquine on oxidative/nitrosative status and angiogenesis in endothelial cells under high glucose condition. <i>BioImpacts</i> , 2017 , 7, 219-226	3.5	11
136	Intra-bladder wall transplantation of bone marrow mesenchymal stem cells improved urinary bladder dysfunction following spinal cord injury. <i>Life Sciences</i> , 2019 , 221, 20-28	6.8	10
135	Metformin Effect on Endocan Biogenesis in Human Endothelial Cells Under Diabetic Condition. <i>Archives of Medical Research</i> , 2019 , 50, 304-314	6.6	10
134	Crocetin promotes angiogenesis in human endothelial cells through PI3K-Akt-eNOS signaling pathway. <i>EXCLI Journal</i> , 2019 , 18, 936-949	2.4	10

133	Amniotic fluid-derived exosomes improved spermatogenesis in a rat model of azoospermia. <i>Life Sciences</i> , 2021 , 274, 119336	6.8	10
132	Resveratrol potentially increased the tumoricidal effect of doxorubicin on SKOV3 cancer stem cells in vitro. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 8430	4.7	10
131	Transplantation of Bone Marrow-Derived Mesenchymal Stem Cells, Platelet-Rich Plasma, and Fibrin Glue for Periodontal Regeneration. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2019 , 39, e32-e45	2.1	10
130	Electrospun polyurethane/poly (ε-caprolactone) nanofibers promoted the attachment and growth of human endothelial cells in static and dynamic culture conditions. <i>Microvascular Research</i> , 2021 , 133, 104073	3.7	10
129	Collagen modulates functional activity of hepatic cells inside alginate-galactosylated chitosan hydrogel microcapsules. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 1270-1278	7.9	9
128	Encapsulation of rat cardiomyoblasts with alginate-gelatin microspheres preserves stemness feature in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 402-407	7.5	9
127	Autophagy modulation altered differentiation capacity of CD146 cells toward endothelial cells, pericytes, and cardiomyocytes. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 139	8.3	9
126	Real-state of autophagy signaling pathway in neurodegenerative disease; focus on multiple sclerosis. <i>Journal of Inflammation</i> , 2020 , 17, 6	6.7	8
125	Paracrine Neuroprotective Effects of Neural Stem Cells on Glutamate-Induced Cortical Neuronal Cell Excitotoxicity. <i>Advanced Pharmaceutical Bulletin</i> , 2015 , 5, 515-21	4.5	8
124	Toll-like receptor bioactivity in endothelial progenitor cells. <i>Cell and Tissue Research</i> , 2020 , 379, 223-230	4.2	8
123	A glimpse into molecular mechanisms of embryonic stem cells pluripotency: Current status and future perspective. <i>Journal of Cellular Physiology</i> , 2020 , 235, 6377-6392	7	8
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. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2019 , 13, 3-10	1	7
121	Transplantation of Mouse Induced Pluripotent Stem Cell-Derived Podocytes in a Mouse Model of Membranous Nephropathy Attenuates Proteinuria. <i>Scientific Reports</i> , 2019 , 9, 15467	4.9	7
120	Cupressus sempervirens extract inhibited human basal cell carcinoma tumorigenesis, local invasion, and angiogenic property. <i>Comparative Clinical Pathology</i> , 2017 , 26, 203-211	0.9	7
119	Collagen and nano-hydroxyapatite interactions in alginate-based microcapsule provide an appropriate osteogenic microenvironment for modular bone tissue formation. <i>Carbohydrate Polymers</i> , 2022 , 277, 118807	10.3	7
118	The effect of alginate-gelatin encapsulation on the maturation of human myelomonocytic cell line U937. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019 , 13, 25-35	4.4	7
117	Applications, challenges and prospects of mesenchymal stem cell exosomes in regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 521	8.3	7
116	Does the Global Outbreak of COVID-19 or Other Viral Diseases Threaten the Stem Cell Reservoir Inside the Body?. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 214-230	7.3	7

115	Cytoprotective and cytofunctional effect of polyanionic polysaccharide alginate and gelatin microspheres on rat cardiac cells. <i>International Journal of Biological Macromolecules</i> , 2020 , 161, 969-976	7.9	6
114	The Dynamics of Neurosteroids and Sex-Related Hormones in the Pathogenesis of Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , 2018 , 20, 215-224	4.6	6
113	Morphine Inhibited the Rat Neural Stem Cell Proliferation Rate by Increasing Neuro Steroid Genesis. <i>Neurochemical Research</i> , 2016 , 41, 1410-9	4.6	6
112	Toxic effects of VCD on kidneys and liver tissues: a histopathological and biochemical study. <i>BMC Research Notes</i> , 2019 , 12, 446	2.3	6
111	Stem Cells as a Promising Tool for the Restoration of Brain Neurovascular Unit and Angiogenic Orientation. <i>Molecular Neurobiology</i> , 2017 , 54, 7689-7705	6.2	6
110	Isolation and characterization of a canine mammary cell line prepared for proteomics analysis. <i>Tissue and Cell</i> , 2013 , 45, 183-90	2.7	6
109	Effectiveness of Stem Cell Therapy in the Treatment of Ovarian Disorders and Female Infertility: A Systematic Review. <i>Current Stem Cell Research and Therapy</i> , 2020 , 15, 173-186	3.6	6
108	Mitochondrial donation in translational medicine; from imagination to reality. <i>Journal of Translational Medicine</i> , 2020 , 18, 367	8.5	6
107	An Examination of the Putative Role of Melatonin in Exosome Biogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 686551	5.7	6
106	Novel hybrid polyester-polyacrylate hydrogels enriched with platelet-derived growth factor for chondrogenic differentiation of adipose-derived mesenchymal stem cells in vitro. <i>Journal of Biological Engineering</i> , 2021 , 15, 6	6.3	6
105	Copper sulfate pentahydrate reduced epithelial cytotoxicity induced by lipopolysaccharide from enterogenic bacteria. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 89, 454-461	7.5	5
104	Curcumin inhibits angiogenesis in endothelial cells using downregulation of the PI3K/Akt signaling pathway. <i>Food Bioscience</i> , 2019 , 29, 86-93	4.9	5
103	The Angiogenic Paracrine Potential of Mesenchymal Stem Cells 2020 ,		5
102	In vivo evaluation of biocompatibility and immune modulation potential of poly(caprolactone)-poly(ethylene glycol)-poly(caprolactone)-gelatin hydrogels enriched with nano-hydroxyapatite in the model of mouse. <i>Journal of Biomaterials Applications</i> , 2021 , 35, 1253-1263	2.9	5
101	4t-CHQ a Spiro-Quinazolinone Benzenesulfonamide Derivative Induces G/G Cell Cycle arrest and Triggers Apoptosis Through Down-Regulation of Survivin and Bcl2 in the Leukemia Stem-Like KG1-a Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019 , 19, 1340-1349	2.2	5
100	Stem Cell Therapy for Neurogenic Bladder Dysfunction in Rodent Models: A Systematic Review. <i>International Neurology Journal</i> , 2020 , 24, 241-257	2.6	5
99	Evaluation of the association between exosomal levels and female reproductive system and fertility outcome during aging: a systematic review protocol. <i>Systematic Reviews</i> , 2019 , 8, 293	3	5
98	Distinct Tie2 tyrosine phosphorylation sites dictate phenotypic switching in endothelial progenitor cells. <i>Journal of Cellular Physiology</i> , 2019 , 234, 6209-6219	7	5

97	A critical review of fibrous polyurethane-based vascular tissue engineering scaffolds.. <i>Journal of Biological Engineering</i> , 2022 , 16, 6	6.3	5
96	Salvia officinalis hydroalcoholic extract improved reproduction capacity and behavioral activity in rats exposed to immobilization stress. <i>Animal Science Journal</i> , 2020 , 91, e13382	1.8	4
95	Docosahexaenoic acid reversed atherosclerotic changes in human endothelial cells induced by palmitic acid in vitro. <i>Cell Biochemistry and Function</i> , 2018 , 36, 203-211	4.2	4
94	Distinct effect of fetal bovine serum versus follicular fluid on multipotentiality of human granulosa cells in in vitro condition. <i>Biologicals</i> , 2018 , 52, 44-48	1.8	4
93	Haemoglobin typing and its variations in Iranian domestic dogs. <i>Comparative Clinical Pathology</i> , 2012 , 21, 1515-1519	0.9	4
92	Rat adipose-derived mesenchymal stem cells aging reduction by zinc sulfate under extremely low frequency electromagnetic field exposure is associated with increased telomerase reverse transcriptase gene expression. <i>Veterinary Research Forum</i> , 2017 , 8, 89-96	0.5	4
91	Transplantation of bioengineered Reelin-loaded PLGA/PEG micelles can accelerate neural tissue regeneration in photothrombotic stroke model of mouse.. <i>Bioengineering and Translational Medicine</i> , 2022 , 7, e10264	14.8	4
90	Superior Synaptogenic Effect of Electrospun PLGA-PEG Nanofibers Versus PLGA Nanofibers on Human Neural SH-SY5Y Cells in a Three-Dimensional Culture System. <i>Journal of Molecular Neuroscience</i> , 2020 , 70, 1967-1976	3.3	4
89	Advanced platelet-rich fibrin plus gold nanoparticles enhanced the osteogenic capacity of human mesenchymal stem cells. <i>BMC Research Notes</i> , 2019 , 12, 721	2.3	4
88	Polycaprolactone fumarate acts as an artificial neural network to promote the biological behavior of neural stem cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021 , 109, 246-256	3.5	4
87	Tissue Engineering Strategies to Increase Osteochondral Regeneration of Stem Cells; a Close Look at Different Modalities. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 1294-1311	7.3	4
86	Role of melatonin in the angiogenesis potential; highlights on the cardiovascular disease. <i>Journal of Inflammation</i> , 2021 , 18, 4	6.7	4
85	Influence of gelatin and collagen incorporation on peroxidase-mediated injectable pectin-based hydrogel and bioactivity of fibroblasts. <i>Journal of Biomaterials Applications</i> , 2021 , 36, 179-190	2.9	3
84	Arachidonic acid alleviates the detrimental effects of acetylsalicylic acid on human granulosa cells performance in vitro. <i>Molecular Reproduction and Development</i> , 2020 , 87, 607-619	2.6	3
83	Docosahexaenoic acid attenuates the detrimental effect of palmitic acid on human endothelial cells by modulating genes from the atherosclerosis signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 9752-9763	4.7	3
82	Flow cytometric immunophenotyping of feline bone marrow cells and haematopoietic progenitor cells using anti-human antibodies. <i>Journal of Feline Medicine and Surgery</i> , 2014 , 16, 265-74	2.3	3
81	Distinct Effects of Royal Jelly on Human Endothelial Cells Under High Glucose Condition. <i>Iranian Journal of Pharmaceutical Research</i> , 2018 , 17, 1361-1370	1.1	3
80	Protective effect of bacterial lipase on lipopolysaccharide-induced toxicity in rat cardiomyocytes; H9C2 cell line. <i>Journal of Cardiovascular and Thoracic Research</i> , 2020 , 12, 35-42	1.3	3

79	Thymoquinone inhibited vasculogenic capacity and promoted mesenchymal-epithelial transition of human breast cancer stem cells. <i>BMC Complementary Medicine and Therapies</i> , 2021 , 21, 83	2.9	3
78	Melatonin and prolonged physical activity attenuated the detrimental effects of diabetic condition on murine cardiac tissue. <i>Tissue and Cell</i> , 2021 , 69, 101486	2.7	3
77	Effect of melatonin on exosomal dynamics in bovine cumulus cells. <i>Process Biochemistry</i> , 2021 , 106, 78-87.8	3	3
76	Development and biocompatibility of the injectable collagen/nano-hydroxyapatite scaffolds as forming hydrogel for the hard tissue engineering application. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021 , 49, 136-146	6.1	3
75	Modulation of LXR signaling altered the dynamic activity of human colon adenocarcinoma cancer stem cells in vitro. <i>Cancer Cell International</i> , 2021 , 21, 100	6.4	3
74	Menstrual blood CD146 mesenchymal stem cells reduced fibrosis rate in the rat model of premature ovarian failure. <i>Cell Biochemistry and Function</i> , 2021 , 39, 998-1008	4.2	3
73	Application of microneedle patches for drug delivery; doorstep to novel therapies.. <i>Journal of Tissue Engineering</i> , 2022 , 13, 20417314221085390	7.5	3
72	Investigation of gene expression and serum levels of PIN1 and eNOS with high blood pressure in patients with Alzheimer disease. <i>Journal of Clinical Neuroscience</i> , 2017 , 43, 77-81	2.2	2
71	Letter to the editor regarding article, "Role of glycogen synthase kinase following myocardial infarction and ischemia-reperfusion". <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019 , 24, 541	5.4	2
70	CTRP9: An emerging potential anti-aging molecule in brain. <i>Cellular Signalling</i> , 2020 , 73, 109694	4.9	2
69	Interaction of opioid with insulin/IGFs signaling in Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , 2020 , 70, 819-834	3.3	2
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