

# Reza Rahbarghazi

## List of Publications by Year in Descending Order

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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	Metformin-dependent variation of microglia phenotype dictates pericytes maturation under oxygen-glucose deprivation.. <i>Tissue Barriers</i> , <b>2022</b> , 2018928	4.3	0
221	Dichotomous effects of autophagy on infarct volume in experimental permanent/transient ischemic stroke model: a systematic review and meta-analysis.. <i>Journal of Integrative Neuroscience</i> , <b>2022</b> , 21, 11	1.5	
220	Intra-tracheal delivery of mesenchymal stem cell-conditioned medium ameliorates pathological changes by inhibiting apoptosis in asthmatic rats.. <i>Molecular Biology Reports</i> , <b>2022</b> , 1	2.8	
219	Varenicline Improves Cognitive Impairment in a Mouse Model of mPFC Ischemia: The Possible Roles of Inflammation, Apoptosis, and Synaptic Factors.. <i>Brain Research Bulletin</i> , <b>2022</b> , 181, 36-36	3.9	0
218	Type 2 Diabetes Mellitus Provokes Rat Immune Cells Recruitment into the Pulmonary Niche by Up-regulation of Endothelial Adhesion Molecules.. <i>Advanced Pharmaceutical Bulletin</i> , <b>2022</b> , 12, 176-182	4.5	1
217	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> , <b>2022</b> , 7, e10264	14.8	4
216	Collagen and nano-hydroxyapatite interactions in alginate-based microcapsule provide an appropriate osteogenic microenvironment for modular bone tissue formation. <i>Carbohydrate Polymers</i> , <b>2022</b> , 277, 118807	10.3	7
215	Towards Induction of Angiogenesis in Dental Pulp Stem Cells Using Chitosan-Based Hydrogels Releasing Basic Fibroblast Growth Factor.. <i>BioMed Research International</i> , <b>2022</b> , 2022, 5401461	3	1
214	Systemic administration of c-Kit cells diminished pulmonary and vascular inflammation in rat model of chronic asthma.. <i>BMC Molecular and Cell Biology</i> , <b>2022</b> , 23, 11	2.7	0
213	A critical review of fibrous polyurethane-based vascular tissue engineering scaffolds.. <i>Journal of Biological Engineering</i> , <b>2022</b> , 16, 6	6.3	5
212	Inhibition of extracellular vesicle biogenesis in tumor cells: A possible way to reduce tumorigenesis.. <i>Cell Biochemistry and Function</i> , <b>2022</b> ,	4.2	1
211	Electrospun POSS integrated poly(carbonate-urea)urethane provides appropriate surface and mechanical properties for the fabrication of small-diameter vascular grafts.. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2022</b> , 1-20	3.5	0
210	Emerging role of exosomes in the pathology of chronic obstructive pulmonary diseases; destructive and therapeutic properties.. <i>Stem Cell Research and Therapy</i> , <b>2022</b> , 13, 144	8.3	2
209	Application of microneedle patches for drug delivery; doorstep to novel therapies.. <i>Journal of Tissue Engineering</i> , <b>2022</b> , 13, 20417314221085390	7.5	3
208	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.. <i>Tissue and Cell</i> , <b>2022</b> , 76, 101808	2.7	
207	Electrochemical biosensors for stem cell analysis; applications in diagnostics, differentiation and follow-up. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2022</b> , 116696	14.6	1
206	Influence of gelatin and collagen incorporation on peroxidase-mediated injectable pectin-based hydrogel and bioactivity of fibroblasts. <i>Journal of Biomaterials Applications</i> , <b>2021</b> , 36, 179-190	2.9	3

205	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> , <b>2021</b> , 35, 1253-1263	2.9	5
204	Combination of Estradiol with Leukemia Inhibitory Factor Stimulates Granulosa Cells Differentiation into Oocyte-Like Cells. <i>Advanced Pharmaceutical Bulletin</i> , <b>2021</b> , 11, 712-718	4.5	
203	Effects of Different Vitrification Solutions and Protocol on Follicular Ultrastructure and Revascularization of Autografted Mouse Ovarian Tissue. <i>Cell Journal</i> , <b>2021</b> , 22, 491-501	2.4	
202	c-kit+ cells offer hopes in ameliorating asthmatic pathologies via regulation of miRNA-133 and miRNA-126. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2021</b> , 24, 369-376	1.8	2
201	Level of miR-101a and miR-107 in Human Adipose Mesenchymal Stem Cells Committed to Insulin-producing Cells. <i>International Journal of Molecular and Cellular Medicine</i> , <b>2021</b> , 10, 68-74	1.2	1
200	Effect of Incorporation of Zeolite Containing Silver-Zinc Nanoparticles into Mineral Trioxide Aggregate on Odontogenic Activity of Human Dental Pulp Stem Cells. <i>Journal of Dentistry</i> , <b>2021</b> , 22, 187-192	0.5	
199	Clinical application of stem cell therapy in neurogenic bladder: a systematic review and meta-analysis. <i>International Urogynecology Journal</i> , <b>2021</b> , 1	2	0
198	Unraveling the Effect of Breast Cancer Patients' Plasma on the Targeting Ability of Folic Acid-Modified Chitosan Nanoparticles. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 4341-4353	5.6	2
197	Juxtaposition of Mesenchymal Stem Cells with Endothelial Progenitor Cells Promoted Angiogenic Potential Inside Alginate-Gelatin Microspheres. <i>Advanced Pharmaceutical Bulletin</i> , <b>2021</b> , 11, 163-170	4.5	2
196	Current knowledge and challenges associated with targeted delivery of neurotrophic factors into the central nervous system: focus on available approaches. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 181	9.8	0
195	A small molecule modulating monounsaturated fatty acids and Wnt signaling confers maintenance to induced pluripotent stem cells against endodermal differentiation. <i>Stem Cell Research and Therapy</i> , <b>2021</b> , 12, 550	8.3	1
194	Estradiol modulated differentiation and dynamic growth of CD90 spermatogonial stem cells toward Sertoli-like cells. <i>Life Sciences</i> , <b>2021</b> , 286, 120041	6.8	1
193	Thymoquinone inhibited vasculogenic capacity and promoted mesenchymal-epithelial transition of human breast cancer stem cells. <i>BMC Complementary Medicine and Therapies</i> , <b>2021</b> , 21, 83	2.9	3
192	Asthmatic condition induced the activity of exosome secretory pathway in rat pulmonary tissues. <i>Journal of Inflammation</i> , <b>2021</b> , 18, 14	6.7	1
191	Melatonin and prolonged physical activity attenuated the detrimental effects of diabetic condition on murine cardiac tissue. <i>Tissue and Cell</i> , <b>2021</b> , 69, 101486	2.7	3
190	Bacterial Lipase Neutralized Toxicity of Lipopolysaccharide on Chicken Embryo Cardiac Tissue. <i>Cardiovascular Toxicology</i> , <b>2021</b> , 21, 582-591	3.4	
189	Resveratrol reduced the detrimental effects of malondialdehyde on human endothelial cells. <i>Journal of Cardiovascular and Thoracic Research</i> , <b>2021</b> , 13, 131-140	1.3	1
188	Evaluation of the Effect of Hyaluronic Acid-Based Biomaterial Enriched With Tenascin-C on the Behavior of the Neural Stem Cells. <i>International Journal of Toxicology</i> , <b>2021</b> , 40, 218-225	2.4	1

187	Alginate-chitosan core-shell microcapsule cultures of hepatic cells in a small scale stirred bioreactor: impact of shear forces and microcapsule core composition. <i>Journal of Biological Engineering</i> , <b>2021</b> , 15, 14	6.3	2
186	Distinct chemical composition and enzymatic treatment induced human endothelial cells survival in acellular ovine aortae. <i>BMC Research Notes</i> , <b>2021</b> , 14, 126	2.3	1
185	Culture of rabbit bone marrow mesenchymal stem cells on polyurethane/pyrrole surface promoted differentiation into endothelial lineage. <i>Artificial Organs</i> , <b>2021</b> , 45, E324-E334	2.6	2
184	Phenolated alginate-collagen hydrogel induced chondrogenic capacity of human amniotic mesenchymal stem cells. <i>Journal of Biomaterials Applications</i> , <b>2021</b> , 36, 789-802	2.9	2
183	Amniotic fluid-derived exosomes improved spermatogenesis in a rat model of azoospermia. <i>Life Sciences</i> , <b>2021</b> , 274, 119336	6.8	10
182	An Examination of the Putative Role of Melatonin in Exosome Biogenesis. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 686551	5.7	6
181	Application of neurotrophic factor-secreting cells (astrocyte - Like cells) in the in-vitro Alzheimer's disease-like pathology on the human neuroblastoma cells. <i>Brain Research Bulletin</i> , <b>2021</b> , 172, 180-189	3.9	2
180	Effect of melatonin on exosomal dynamics in bovine cumulus cells. <i>Process Biochemistry</i> , <b>2021</b> , 106, 78-87.8	4.8	3
179	Exact location of sensorimotor cortex injury after photochemical modulation; evidence of stroke based on stereological and morphometric studies in mice. <i>Lasers in Medical Science</i> , <b>2021</b> , 36, 91-98	3.1	2
178	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> , <b>2021</b> , 109, 246-256	3.5	4
177	NK cells-directed therapies target circulating tumor cells and metastasis. <i>Cancer Letters</i> , <b>2021</b> , 497, 41-53.9	5.9	16
176	A giant splenic hydatid cyst: Why calcified cysts should not be considered as a dead cyst. <i>Clinical Case Reports (discontinued)</i> , <b>2021</b> , 9, 269-273	0.7	1
175	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> , <b>2021</b> , 49, 136-146	6.1	3
174	Curcumin-enriched Gemini surfactant nanoparticles exhibited tumoricidal effects on human 3D spheroid HT-29 cells in vitro. <i>Cancer Nanotechnology</i> , <b>2021</b> , 12,	7.9	2
173	Activation of toll-like receptor signaling in endothelial progenitor cells dictates angiogenic potential: from hypothesis to actual state. <i>Cell and Tissue Research</i> , <b>2021</b> , 384, 389-401	4.2	2
172	PD-L1 overexpression conveys tolerance of mesenchymal stem cell-derived cardiomyocyte-like cells in an allogeneic mouse model. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 6328-6343	7	1
171	Tissue Engineering Strategies to Increase Osteochondral Regeneration of Stem Cells; a Close Look at Different Modalities. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 1294-1311	7.3	4
170	Modulation of LXR signaling altered the dynamic activity of human colon adenocarcinoma cancer stem cells in vitro. <i>Cancer Cell International</i> , <b>2021</b> , 21, 100	6.4	3

169	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> , <b>2021</b> , 15, 6	6.3	6
168	Role of melatonin in the angiogenesis potential; highlights on the cardiovascular disease. <i>Journal of Inflammation</i> , <b>2021</b> , 18, 4	6.7	4
167	Performance evaluation of a novel conceptual bioprocess for clinically-required mass production of hematopoietic cells. <i>Biotechnology Letters</i> , <b>2021</b> , 43, 959-966	3	1
166	Effect of docosahexaenoic acid plus insulin on atherosclerotic human endothelial cells. <i>Journal of Inflammation</i> , <b>2021</b> , 18, 10	6.7	0
165	Evaluation of inflammatory miRNA155 and 146a expression in heart tissue of ovalbumin-sensitized male rats. <i>Journal of Research in Clinical Medicine</i> , <b>2021</b> , 9, 11-11	0.4	
164	Exosomal delivery of therapeutic modulators through the blood-brain barrier; promise and pitfalls. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 142	9.8	14
163	Chronic asthmatic condition modulated the onset of aging in bone marrow mesenchymal stem cells. <i>Cell Biochemistry and Function</i> , <b>2021</b> , 39, 821-827	4.2	1
162	Autophagy stimulation delayed biological aging and decreased cardiac differentiation in rabbit mesenchymal stem cells. <i>Journal of Cardiovascular and Thoracic Research</i> , <b>2021</b> , 13, 234-240	1.3	0
161	Preparation, characterization, and antibacterial properties of hybrid nanofibrous scaffolds for cutaneous tissue engineering. <i>Human Cell</i> , <b>2021</b> , 34, 1682-1696	4.5	1
160	Applications, challenges and prospects of mesenchymal stem cell exosomes in regenerative medicine. <i>Stem Cell Research and Therapy</i> , <b>2021</b> , 12, 521	8.3	7
159	Menstrual blood CD146 mesenchymal stem cells reduced fibrosis rate in the rat model of premature ovarian failure. <i>Cell Biochemistry and Function</i> , <b>2021</b> , 39, 998-1008	4.2	3
158	Static and dynamic culture of human endothelial cells encapsulated inside alginate-gelatin microspheres. <i>Microvascular Research</i> , <b>2021</b> , 137, 104174	3.7	0
157	Fabrication of alginate-based hydrogel cross-linked via horseradish peroxidase for articular cartilage engineering. <i>BMC Research Notes</i> , <b>2021</b> , 14, 384	2.3	2
156	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> , <b>2021</b> , 17, 214-230	7.3	7
155	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> , <b>2021</b> , 133, 104073	3.7	10
154	3D-printed microneedles in biomedical applications. <i>IScience</i> , <b>2021</b> , 24, 102012	6.1	38
153	Mild hyperthermia induced by gold nanorods acts as a dual-edge blade in the fate of SH-SY5Y cells via autophagy.. <i>Scientific Reports</i> , <b>2021</b> , 11, 23984	4.9	1
152	Hypoxic exosomes orchestrate tumorigenesis: molecular mechanisms and therapeutic implications. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 474	8.5	18

151	CTRP9: An emerging potential anti-aging molecule in brain. <i>Cellular Signalling</i> , <b>2020</b> , 73, 109694	4.9	2
150	Cytoprotective and cytofunctional effect of polyanionic polysaccharide alginate and gelatin microspheres on rat cardiac cells. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 161, 969-976	7.9	6
149	Salvia officinalis hydroalcoholic extract improved reproduction capacity and behavioral activity in rats exposed to immobilization stress. <i>Animal Science Journal</i> , <b>2020</b> , 91, e13382	1.8	4
148	Breast cancer-derived exosomes: Tumor progression and therapeutic agents. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 6345-6356	7	4 <sup>8</sup>
147	The Angiogenic Paracrine Potential of Mesenchymal Stem Cells <b>2020</b> ,		5
146	High Glucose Content Abrogated the Normal Activity of Heat Shock Protein Signaling Pathway in Human Neuroblastoma Cells. <i>Archives of Medical Research</i> , <b>2020</b> , 51, 180-184	6.6	
145	Real-state of autophagy signaling pathway in neurodegenerative disease; focus on multiple sclerosis. <i>Journal of Inflammation</i> , <b>2020</b> , 17, 6	6.7	8
144	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. <i>Process Biochemistry</i> , <b>2020</b> , 92, 190-196	4.8	0
143	Interaction of opioid with insulin/IGFs signaling in Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , <b>2020</b> , 70, 819-834	3.3	2
142	Arachidonic acid alleviates the detrimental effects of acetylsalicylic acid on human granulosa cells performance in vitro. <i>Molecular Reproduction and Development</i> , <b>2020</b> , 87, 607-619	2.6	3
141	Hollow Alginate-Poly-L-Lysine-Alginate Microspheres Promoted an Epithelial-Mesenchymal Transition in Human Colon Adenocarcinoma Cells. <i>Advanced Pharmaceutical Bulletin</i> , <b>2020</b> , 10, 141-145	4.5	2
140	Dynamic of miRNA-101a-3p and miRNA-200a during Induction of Osteoblast Differentiation in Adipose-derived Mesenchymal Stem Cells. <i>International Journal of Molecular and Cellular Medicine</i> , <b>2020</b> , 9, 140-146	1.2	1
139	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> , <b>2020</b> , 15, 173-186	3.6	6
138	Promoter methylation and expression pattern of , , and genes during osteoblastic differentiation of adipose-derived mesenchymal stem cells. <i>BioImpacts</i> , <b>2020</b> , 10, 243-250	3.5	1
137	Protective effect of bacterial lipase on lipopolysaccharide-induced toxicity in rat cardiomyocytes; H9C2 cell line. <i>Journal of Cardiovascular and Thoracic Research</i> , <b>2020</b> , 12, 35-42	1.3	3
136	Stem Cell Therapy for Neurogenic Bladder Dysfunction in Rodent Models: A Systematic Review. <i>International Neurourology Journal</i> , <b>2020</b> , 24, 241-257	2.6	5
135	Metformin Had Potential to Increase Endocan Levels in STZ-Induced Diabetic Mice <b>2020</b> , 26, 133-141		0
134	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> , <b>2020</b> , 70, 1967-1976	3.3	4

133	Modulatory effect of photobiomodulation on stem cell epigenetic memory: a highlight on differentiation capacity. <i>Lasers in Medical Science</i> , <b>2020</b> , 35, 299-306	3.1	18
132	Toll-like receptor bioactivity in endothelial progenitor cells. <i>Cell and Tissue Research</i> , <b>2020</b> , 379, 223-230	4.2	8
131	Collagen modulates functional activity of hepatic cells inside alginate-galactosylated chitosan hydrogel microcapsules. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 156, 1270-1278	7.9	9
130	Surface plasmon resonance biosensors for detection of Alzheimer's biomarkers; an effective step in early and accurate diagnosis. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 167, 112511	11.8	27
129	Mitochondrial donation in translational medicine; from imagination to reality. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 367	8.5	6
128	Estradiol modulated colorectal cancer stem cells bioactivity and interaction with endothelial cells. <i>Life Sciences</i> , <b>2020</b> , 257, 118078	6.8	2
127	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> , <b>2020</b> , 18, 78	5	12
126	Exosomal cargos modulate autophagy in recipient cells via different signaling pathways. <i>Cell and Bioscience</i> , <b>2020</b> , 10, 92	9.8	20
125	C-Kit progenitors restore rat asthmatic lung function by modulation of T-bet and GATA-3 expression. <i>Experimental Physiology</i> , <b>2020</b> , 105, 1623-1633	2.4	1
124	A mechanical non-enzymatic method for isolation of mouse embryonic fibroblasts. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 8881-8890	2.8	1
123	Unraveling the therapeutic effects of mesenchymal stem cells in asthma. <i>Stem Cell Research and Therapy</i> , <b>2020</b> , 11, 400	8.3	13
122	Tumor-derived extracellular vesicles: insights into bystander effects of exosomes after irradiation. <i>Lasers in Medical Science</i> , <b>2020</b> , 35, 531-545	3.1	37
121	Autophagy modulation altered differentiation capacity of CD146 cells toward endothelial cells, pericytes, and cardiomyocytes. <i>Stem Cell Research and Therapy</i> , <b>2020</b> , 11, 139	8.3	9
120	Hyaluronic Acid and Regenerative Medicine: New Insights into the Stroke Therapy. <i>Current Molecular Medicine</i> , <b>2020</b> , 20, 675-691	2.5	1
119	A glimpse into molecular mechanisms of embryonic stem cells pluripotency: Current status and future perspective. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 6377-6392	7	8
118	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> , <b>2019</b> , 518, 625-631	3.4	27
117	Intra-bladder wall transplantation of bone marrow mesenchymal stem cells improved urinary bladder dysfunction following spinal cord injury. <i>Life Sciences</i> , <b>2019</b> , 221, 20-28	6.8	10
116	Detection of CD133-marked cancer stem cells by surface plasmon resonance: Its application in leukemia patients. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2019</b> , 1863, 1575-1582	4	20

115	Enhanced penetration and cytotoxicity of metformin and collagenase conjugated gold nanoparticles in breast cancer spheroids. <i>Life Sciences</i> , <b>2019</b> , 231, 116545	6.8	20
114	Cardioprotective role of extracellular vesicles: A highlight on exosome beneficial effects in cardiovascular diseases. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 21732-21745	7	43
113	Role of autophagy in atherosclerosis: foe or friend?. <i>Journal of Inflammation</i> , <b>2019</b> , 16, 8	6.7	39
112	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> , <b>2019</b> , 24, 541	5.4	2
111	Nano-featured poly (lactide-co-glycolide)-graphene microribbons as a promising substrate for nerve tissue engineering. <i>Composites Part B: Engineering</i> , <b>2019</b> , 173, 106863	10	18
110	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> , <b>2019</b> , 234, 21005-21013	7.3	13
109	Curcumin inhibits angiogenesis in endothelial cells using downregulation of the PI3K/Akt signaling pathway. <i>Food Bioscience</i> , <b>2019</b> , 29, 86-93	4.9	5
108	Collagen-alginate-nano-silica microspheres improved the osteogenic potential of human osteoblast-like MG-63 cells. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 15069-15082	4.7	22
107	Toll-like receptors in the functional orientation of cardiac progenitor cells. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 19451-19463	7	1
106	Targeting pericytes for neurovascular regeneration. <i>Cell Communication and Signaling</i> , <b>2019</b> , 17, 26	7.5	30
105	Modulation of lipolysis and glycolysis pathways in cancer stem cells changed multipotentiality and differentiation capacity toward endothelial lineage. <i>Cell and Bioscience</i> , <b>2019</b> , 9, 30	9.8	12
104	Physiological impact of extracellular vesicles on female reproductive system; highlights to possible restorative effects on female age-related fertility. <i>BioFactors</i> , <b>2019</b> , 45, 293-303	6.1	14
103	Curcumin ameliorated myocardial infarction by inhibition of cardiotoxicity in the rat model. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 11965	4.7	25
102	Tumor-derived extracellular vesicles: reliable tools for Cancer diagnosis and clinical applications. <i>Cell Communication and Signaling</i> , <b>2019</b> , 17, 73	7.5	87
101	Toxic effects of VCD on kidneys and liver tissues: a histopathological and biochemical study. <i>BMC Research Notes</i> , <b>2019</b> , 12, 446	2.3	6
100	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> , <b>2019</b> , 13, 3-10	1	7
99	Metformin Effect on Endocan Biogenesis in Human Endothelial Cells Under Diabetic Condition. <i>Archives of Medical Research</i> , <b>2019</b> , 50, 304-314	6.6	10
98	Chrysin and Docetaxel Loaded Biodegradable Micelle for Combination Chemotherapy of Cancer Stem Cell. <i>Pharmaceutical Research</i> , <b>2019</b> , 36, 165	4.5	16



97	Transplantation of Mouse Induced Pluripotent Stem Cell-Derived Podocytes in a Mouse Model of Membranous Nephropathy Attenuates Proteinuria. <i>Scientific Reports</i> , <b>2019</b> , 9, 15467	4.9	7
96	Electrospun nanofibers for the fabrication of engineered vascular grafts. <i>Journal of Biological Engineering</i> , <b>2019</b> , 13, 83	6.3	23
95	A novel egg-shell membrane based hybrid nanofibrous scaffold for cutaneous tissue engineering. <i>Journal of Biological Engineering</i> , <b>2019</b> , 13, 79	6.3	13
94	Crocetin promotes angiogenesis in human endothelial cells through PI3K-Akt-eNOS signaling pathway. <i>EXCLI Journal</i> , <b>2019</b> , 18, 936-949	2.4	10
93	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> , <b>2019</b> , 19, 1340-1349	2.2	5
92	Isolation and characterization of human amniotic fluid and SH-SY5Y/BE(2)-M17 cell derived exosomes. <i>Acta Neurobiologiae Experimentalis</i> , <b>2019</b> , 79, 262-270	1	
91	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> , <b>2019</b> , 74, 18-26	2.7	28
90	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> , <b>2019</b> , 376, 377-388	4.2	21
89	Advanced platelet-rich fibrin plus gold nanoparticles enhanced the osteogenic capacity of human mesenchymal stem cells. <i>BMC Research Notes</i> , <b>2019</b> , 12, 721	2.3	4
88	Ovarian function and reproductive outcome after ovarian tissue transplantation: a systematic review. <i>Journal of Translational Medicine</i> , <b>2019</b> , 17, 396	8.5	24
87	Current progress in hepatic tissue regeneration by tissue engineering. <i>Journal of Translational Medicine</i> , <b>2019</b> , 17, 383	8.5	31
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