

Mohamadreza Baghaban Eslaminejad

List of Publications by Year in descending order

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153
papers

3,987
citations

126858

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162
all docs

162
docs citations

162
times ranked

6144
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Mesenchymal Stem Cells in Bone Regenerative Medicine: What Is the Evidence?. Cells Tissues Organs, 2017, 204, 59-83.	1.3	258
2	Intra-articular injection of autologous mesenchymal stem cells in six patients with knee osteoarthritis. Archives of Iranian Medicine, 2012, 15, 422-8.	0.2	160
3	Needle-like nano hydroxyapatite/poly(l-lactide acid) composite scaffold for bone tissue engineering application. Materials Science and Engineering C, 2009, 29, 942-949.	3.8	124
4	Marrow-derived mesenchymal stem cells-directed bone regeneration in the dog mandible: a comparison between biphasic calcium phosphate and natural bone mineral. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 105, e14-e24.	1.6	107
5	Development of PLGA-coated β -TCP scaffolds containing VEGF for bone tissue engineering. Materials Science and Engineering C, 2016, 69, 780-788.	3.8	107
6	Murine mesenchymal stem cells isolated by low density primary culture system. Development Growth and Differentiation, 2006, 48, 361-370.	0.6	103
7	Graphene oxide containing chitosan scaffolds for cartilage tissue engineering. International Journal of Biological Macromolecules, 2019, 127, 396-405.	3.6	95
8	Mesenchymal Stem Cells as a Potent Cell Source for Bone Regeneration. Stem Cells International, 2012, 2012, 1-9.	1.2	93
9	Autologous Dental Pulp Stem Cells in Regeneration of Defect Created in Canine Periodontal Tissue. Journal of Oral Implantology, 2013, 39, 433-443.	0.4	81
10	Mesenchymal stem cells enhance bone regeneration in rat calvarial critical size defects more than platelet-rich plasma. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, 356-362.	1.6	78
11	Mesenchymal stem cells as a potent cell source for articular cartilage regeneration. World Journal of Stem Cells, 2014, 6, 344.	1.3	78
12	Epigenetic regulation of osteogenic and chondrogenic differentiation of mesenchymal stem cells in culture. Cell Journal, 2013, 15, 1-10.	0.2	60
13	Bone differentiation of marrow-derived mesenchymal stem cells using β -tricalcium phosphate-alginate-gelatin hybrid scaffolds. Journal of Tissue Engineering and Regenerative Medicine, 2007, 1, 417-424.	1.3	58
14	Up Regulation of Liver-enriched Transcription Factors $\text{HNF}4\alpha$ and $\text{HNF}6$ and Liver-specific MicroRNA (miR-122) by Inhibition of $\text{Let}7\text{b}$ in Mesenchymal Stem Cells. Chemical Biology and Drug Design, 2015, 85, 268-279.	1.5	57
15	Photobiomodulation with single and combination laser wavelengths on bone marrow mesenchymal stem cells: proliferation and differentiation to bone or cartilage. Lasers in Medical Science, 2019, 34, 115-126.	1.0	57
16	Isolation, Characterization and Comparative Differentiation of Human Dental Pulp Stem Cells Derived from Permanent Teeth by Using Two Different Methods. Journal of Visualized Experiments, 2012, , .	0.2	54
17	Mesenchymal stem cells from trabecular meshwork become photoreceptor-like cells on amniotic membrane. Neuroscience Letters, 2013, 541, 43-48.	1.0	53
18	Biocompatibility evaluation of nano-rod hydroxyapatite/gelatin coated with nano-HAP as a novel scaffold using mesenchymal stem cells. Journal of Biomedical Materials Research - Part A, 2010, 92A, 1244-1255.	2.1	51

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19	Fabrication and characterization of hydrothermal cross-linked chitosan porous scaffolds for cartilage tissue engineering applications. <i>Materials Science and Engineering C</i> , 2017, 80, 532-542.	3.8	47
20	Production and evaluation of decellularized extracellular matrix hydrogel for cartilage regeneration derived from knee cartilage. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 938-946.	2.1	45
21	The effects of combined low level laser therapy and mesenchymal stem cells on bone regeneration in rabbit calvarial defects. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 151, 180-185.	1.7	44
22	High yield of cells committed to the photoreceptor-like cells from conjunctiva mesenchymal stem cells on nanofibrous scaffolds. <i>Molecular Biology Reports</i> , 2013, 40, 3883-3890.	1.0	43
23	The effect of dimethyl sulfoxide on hepatic differentiation of mesenchymal stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 157-164.	1.9	42
24	Bone engineering in dog mandible: Coculturing mesenchymal stem cells with endothelial progenitor cells in a composite scaffold containing vascular endothelial growth factor. , 2017, 105, 1767-1777.		42
25	Derivation of male germ cells from ram bone marrow mesenchymal stem cells by three different methods and evaluation of their fate after transplantation into the testis. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 49-61.	0.7	40
26	Bio-engineered electrospun nanofibrous membranes using cartilage extracellular matrix particles. <i>Journal of Materials Chemistry B</i> , 2017, 5, 765-776.	2.9	40
27	Cannabidiol-loaded microspheres incorporated into osteoconductive scaffold enhance mesenchymal stem cell recruitment and regeneration of critical-sized bone defects. <i>Materials Science and Engineering C</i> , 2019, 101, 64-75.	3.8	40
28	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
29	A tough polysaccharide-based cell-laden double-network hydrogel promotes articular cartilage tissue regeneration in rabbits. <i>Chemical Engineering Journal</i> , 2021, 418, 129277.	6.6	39
30	Induction of Ram Bone Marrow Mesenchymal Stem Cells into Germ Cell Lineage using Transforming Growth Factor- β Superfamily Growth Factors. <i>Reproduction in Domestic Animals</i> , 2014, 49, 588-598.	0.6	38
31	A hydrophobically-modified alginate gel system: utility in the repair of articular cartilage defects. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 2365-2375.	1.7	37
32	Effect of fragment removal on blastocyst formation and quality of human embryos. <i>Reproductive BioMedicine Online</i> , 2006, 13, 823-832.	1.1	36
33	Upregulation of MiR-122 via Trichostatin A Treatments in Hepatocyte-like Cells Derived from Mesenchymal Stem Cells. <i>Chemical Biology and Drug Design</i> , 2016, 87, 296-305.	1.5	36
34	VEGF delivery by smart polymeric PNIPAM nanoparticles affects both osteogenic and angiogenic capacities of human bone marrow stem cells. <i>Materials Science and Engineering C</i> , 2018, 93, 790-799.	3.8	36
35	Comparative analysis and properties evaluation of gelatin microspheres crosslinked with glutaraldehyde and 3-glycidoxypropyltrimethoxysilane as drug delivery systems for the antibiotic vancomycin. <i>International Journal of Pharmaceutics</i> , 2019, 557, 208-220.	2.6	36
36	Regenerative Medicine Applications of Mesenchymal Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1089, 115-141.	0.8	34

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37	Synergistic effect of strontium, bioactive glass and nano-hydroxyapatite promotes bone regeneration of critical-sized radial bone defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 50-64.	1.6	34
38	Murine mesenchymal stem cell isolated and expanded in low and high density culture system: surface antigen expression and osteogenic culture mineralization. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009, 45, 451-459.	0.7	33
39	Transplantation of Autologous Bone Marrow Mesenchymal Stem Cells into the Testes of Infertile Male Rats and New Germ Cell Formation. <i>International Journal of Stem Cells</i> , 2016, 9, 250-263.	0.8	33
40	Preconception endurance training with voluntary exercise during pregnancy positively influences on remodeling markers in female offspring bone. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 3634-3640.	0.7	33
41	3D-porous β -tricalcium phosphate-alginate-gelatin scaffold with DMOG delivery promotes angiogenesis and bone formation in rat calvarial defects. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 1.	1.7	33
42	Vertical Bone Augmentation With Simultaneous Implant Placement Using Particulate Mineralized Bone and Mesenchymal Stem Cells: A Preliminary Study in Rabbit. <i>Journal of Oral Implantology</i> , 2013, 39, 3-13.	0.4	32
43	Targeted cell delivery for articular cartilage regeneration and osteoarthritis treatment. <i>Drug Discovery Today</i> , 2019, 24, 2212-2224.	3.2	32
44	The effect of increasing the pore size of nanofibrous scaffolds on the osteogenic cell culture using a combination of sacrificial agent electrospinning and ultrasonication. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1887-1899.	2.1	31
45	Histologic tissue response to furcation perforation repair using mineral trioxide aggregate or dental pulp stem cells loaded onto treated dentin matrix or tricalcium phosphate. <i>Clinical Oral Investigations</i> , 2017, 21, 1579-1588.	1.4	31
46	Contribution of osteocalcin-mimetic peptide enhances osteogenic activity and extracellular matrix mineralization of human osteoblast-like cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 662-671.	2.5	31
47	Effect of Zinc Ions on Differentiation of Bone Marrow-Derived Mesenchymal Stem Cells to Male Germ Cells and Some Germ Cell-Specific Gene Expression in Rams. <i>Biological Trace Element Research</i> , 2012, 150, 137-146.	1.9	30
48	Effects of Photobiomodulation and Mesenchymal Stem Cells on Articular Cartilage Defects in a Rabbit Model. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 543-549.	2.1	30
49	Msh homeobox 1 (Msx1)- and Msx2-overexpressing bone marrow-derived mesenchymal stem cells resemble blastema cells and enhance regeneration in mice. <i>Journal of Biological Chemistry</i> , 2017, 292, 10520-10533.	1.6	30
50	Reconstruction of Human Mandibular Continuity Defects With Allogenic Scaffold and Autologous Marrow Mesenchymal Stem Cells. <i>Journal of Craniofacial Surgery</i> , 2013, 24, 1292-1297.	0.3	29
51	Chondrogenic differentiation of human bone marrow-derived mesenchymal stem cells treated by GSK-3 inhibitors. <i>Histochemistry and Cell Biology</i> , 2013, 140, 623-633.	0.8	27
52	Engineered-extracellular vesicles as an optimistic tool for microRNA delivery for osteoarthritis treatment. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 79-91.	2.4	27
53	Dental pulp polyps contain stem cells comparable to the normal dental pulps. <i>Journal of Clinical and Experimental Dentistry</i> , 2014, 6, e53-9.	0.5	26
54	The effect of modified electrospun PCL-g-PHA-g-ZnO scaffolds on osteogenesis and angiogenesis. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2040-2052.	2.1	25

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55	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
56	Improved Protocol for Chondrogenic Differentiation of Bone Marrow Derived Mesenchymal Stem Cells -Effect of PTHrP and FGF-2 on TGF β 1/BMP2-Induced Chondrocytes Hypertrophy. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 755-766.	5.6	24
57	Type I collagen gel in seeding medium improves murine mesenchymal stem cell loading onto the scaffold, increases their subsequent proliferation, and enhances culture mineralization. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 90B, 659-667.	1.6	23
58	The effect of purmorphamine and sirolimus on osteogenic differentiation of human bone marrow-derived mesenchymal stem cells. <i>Biomedicine and Pharmacotherapy</i> , 2013, 67, 31-38.	2.5	23
59	Therapeutic potential of human-induced pluripotent stem cell-derived endothelial cells in a bleomycin-induced scleroderma mouse model. <i>Stem Cell Research</i> , 2013, 10, 288-300.	0.3	23
60	The effect of nano-scale topography on osteogenic differentiation of mesenchymal stem cells. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 005-016.	0.2	23
61	Engineering strategies for customizing extracellular vesicle uptake in a therapeutic context. <i>Stem Cell Research and Therapy</i> , 2022, 13, 129.	2.4	23
62	Odontogenic differentiation of dental pulp-derived stem cells on tricalcium phosphate scaffolds. <i>Journal of Dental Sciences</i> , 2013, 8, 306-313.	1.2	22
63	Epidrugs: novel epigenetic regulators that open a new window for targeting osteoblast differentiation. <i>Stem Cell Research and Therapy</i> , 2020, 11, 456.	2.4	22
64	Engineering mesenchymal stem cell spheroids by incorporation of mechanoregulator microparticles. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 84, 74-87.	1.5	21
65	Incorporation of F-MWCNTs into electrospun nanofibers regulates osteogenesis through stiffness and nanotopography. <i>Materials Science and Engineering C</i> , 2020, 106, 110163.	3.8	21
66	Decellularized Extracellular Matrix as a Potent Natural Biomaterial for Regenerative Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1341, 27-43.	0.8	21
67	Effect of lead on proliferation and neural differentiation of mouse bone marrow-mesenchymal stem cells. <i>Toxicology in Vitro</i> , 2008, 22, 995-1001.	1.1	20
68	Human umbilical cord-derived scaffolds for cartilage tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1793-1802.	2.1	20
69	Transplantation of Autologous Bone Marrow Mesenchymal Stem Cells with Platelet-Rich Plasma Accelerate Distraction Osteogenesis in A Canine Model. <i>Cell Journal</i> , 2015, 17, 243-52.	0.2	20
70	Isolation and Assessment of Mesenchymal Stem Cells Derived From Bone Marrow: Histologic and Histomorphometric Study in a Canine Periodontal Defect. <i>Journal of Oral Implantology</i> , 2015, 41, 284-291.	0.4	19
71	<i>In vitro</i> osteogenic induction of human marrow-derived mesenchymal stem cells by PCL fibrous scaffolds containing dexamethazone-loaded chitosan microspheres. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1657-1667.	2.1	19
72	Percutaneous Autologous Bone Marrow-Derived Mesenchymal Stromal Cell Implantation Is Safe for Reconstruction of Human Lower Limb Long Bone Atrophic Nonunion. <i>Cell Journal</i> , 2017, 19, 159-165.	0.2	19

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73	Chitosan-pDNA nanoparticle characteristics determine the transfection efficacy of gene delivery to human mesenchymal stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2014, 42, 376-384.	1.9	18
74	Comparison of the efficacy of three concentrations of retinoic acid for transdifferentiation induction in sheep marrow-derived mesenchymal stem cells into male germ cells. <i>Andrologia</i> , 2014, 46, 24-35.	1.0	18
75	Dual functional construct containing kartogenin releasing microtissues and curcumin for cartilage regeneration. <i>Stem Cell Research and Therapy</i> , 2020, 11, 289.	2.4	18
76	Mesenchymal Stromal Cells Implantation in Combination with Platelet Lysate Product Is Safe for Reconstruction of Human Long Bone Nonunion. <i>Cell Journal</i> , 2016, 18, 302-309.	0.2	18
77	Expression of Thy 1.2 surface antigen increases significantly during the murine mesenchymal stem cells cultivation period. <i>Development Growth and Differentiation</i> , 2007, 49, 351-364.	0.6	17
78	Synergic role of zinc and gallium doping in hydroxyapatite nanoparticles to improve osteogenesis and antibacterial activity. <i>Materials Science and Engineering C</i> , 2022, 134, 112684.	3.8	17
79	Comparative epigenetic influence of autologous versus fetal bovine serum on mesenchymal stem cells through in vitro osteogenic and adipogenic differentiation. <i>Experimental Cell Research</i> , 2016, 344, 176-182.	1.2	16
80	Influence of conductive PEDOT:PSS in a hard tissue scaffold: In vitro and in vivo study. <i>Journal of Bioactive and Compatible Polymers</i> , 2019, 34, 436-441.	0.8	16
81	Physicomechanical, rheological and in vitro cytocompatibility properties of the electron beam irradiated blend hydrogels of tyramine conjugated gum tragacanth and poly (vinyl alcohol). <i>Materials Science and Engineering C</i> , 2020, 114, 111073.	3.8	15
82	Comparative Evaluation of Human Dental Pulp and Follicle Stem Cell Commitment. <i>Cell Journal</i> , 2017, 18, 609-618.	0.2	15
83	Facile synthesis of biphasic calcium phosphate microspheres with engineered surface topography for controlled delivery of drugs and proteins. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 157, 223-232.	2.5	14
84	Amniotic fluid stem cells and their application in cell-based tissue regeneration. <i>International Journal of Fertility & Sterility</i> , 2012, 6, 147-56.	0.2	14
85	Stable overexpression of DNA fragmentation factor in T-47D cells: sensitization of breast cancer cells to apoptosis in response to acetazolamide and sulfabenzamide. <i>Molecular Biology Reports</i> , 2014, 41, 7387-7394.	1.0	13
86	Comparative analysis of neural differentiation potential in human mesenchymal stem cells derived from chorion and adult bone marrow. <i>Cell and Tissue Research</i> , 2015, 362, 367-377.	1.5	13
87	Scalable and cost-effective generation of osteogenic micro-tissues through the incorporation of inorganic microparticles within mesenchymal stem cell spheroids. <i>Biofabrication</i> , 2020, 12, 015021.	3.7	13
88	Cartilage Repair by Mesenchymal Stem Cell-Derived Exosomes: Preclinical and Clinical Trial Update and Perspectives. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1326, 73-93.	0.8	13
89	A comparison of polarized and non-polarized human endometrial monolayer culture systems on murine embryo development. <i>Journal of Experimental & Clinical Assisted Reproduction</i> , 2005, 2, 7.	0.4	12
90	Study of the Structure of Canine Mesenchymal Stem Cell Osteogenic Culture. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2010, 39, 446-455.	0.3	12

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91	Sensitization of breast cancer cells to doxorubicin via stable cell line generation and overexpression of DFF40. <i>Biochemistry and Cell Biology</i> , 2015, 93, 604-610.	0.9	12
92	Surface modification of PLA scaffold using radio frequency (RF) nitrogen plasma in tissue engineering application. <i>Surface Topography: Metrology and Properties</i> , 2020, 8, 015012.	0.9	12
93	Enhancement of Glycosaminoglycan-Rich Matrix Production in Human Marrow-Derived Mesenchymal Stem Cell Chondrogenic Culture by Lithium Chloride and SB216763 Treatment. <i>Cell Journal</i> , 2011, 13, 117-26.	0.2	12
94	Micro- and nanotechnology in biomedical engineering for cartilage tissue regeneration in osteoarthritis. <i>Beilstein Journal of Nanotechnology</i> , 2022, 13, 363-389.	1.5	12
95	Mesenchymal stem cells from murine amniotic fluid as a model for preclinical investigation. <i>Archives of Iranian Medicine</i> , 2011, 14, 96-103.	0.2	12
96	In Vitro Differentiation of Human Umbilical Cord Blood CD133(+) Cells into Insulin Producing Cells in Co-Culture with Rat Pancreatic Mesenchymal Stem Cells. <i>Cell Journal</i> , 2015, 17, 211-20.	0.2	11
97	The Importance of Stem Cell Senescence in Regenerative Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1288, 87-102.	0.8	10
98	Fabrication and characterization of an injectable reinforced composite scaffold for cartilage tissue engineering: an in vitro study. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 045007.	1.7	10
99	Dental-Related Stem Cells and Their Potential in Regenerative Medicine. , 2013, , .		9
100	Male and female rat bone marrow-derived mesenchymal stem cells are different in terms of the expression of germ cell specific genes. <i>Anatomical Science International</i> , 2015, 90, 187-196.	0.5	9
101	Efficacy of mechanical vibration in regulating mesenchymal stem cells gene expression. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019, 55, 387-394.	0.7	9
102	Microarray analysis identification of key pathways and interaction network of differential gene expressions during osteogenic differentiation. <i>Human Genomics</i> , 2020, 14, 43.	1.4	9
103	Extra virgin olive oil in maternal diet increases osteogenic genes expression, but high amounts have deleterious effects on bones in mice offspring at adolescence. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 1299-1307.	1.0	9
104	Bone Marrow Mesenchymal Stem Cell and Vein Conduit on Sciatic Nerve Repair in Rats. <i>Trauma Monthly</i> , 2015, 20, e23325.	0.2	9
105	Isolation and characterization of the progenitor cells from the blastema tissue formed at experimentally-created rabbit ear hole. <i>Iranian Journal of Basic Medical Sciences</i> , 2013, 16, 109-15.	1.0	9
106	Small Molecule-BIO Accelerates and Enhances Marrow-Derived Mesenchymal Stem Cell in Vitro Chondrogenesis. <i>Iranian Journal of Medical Sciences</i> , 2014, 39, 107-16.	0.3	9
107	Umbilical Cord Blood Platelet Lysate as Serum Substitute in Expansion of Human Mesenchymal Stem Cells. <i>Cell Journal</i> , 2017, 19, 403-414.	0.2	9
108	Rat marrow-derived mesenchymal stem cells developed in a medium supplemented with the autologous versus bovine serum. <i>Cell Biology International</i> , 2009, 33, 607-616.	1.4	8

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109	siRNA-mediated knock-down of DFF45 amplifies doxorubicin therapeutic effects in breast cancer cells. <i>Cellular Oncology (Dordrecht)</i> , 2013, 36, 515-526.	2.1	8
110	Characterization and multiscale modeling of novel calcium phosphate composites containing hydroxyapatite whiskers and gelatin microspheres. <i>Journal of Alloys and Compounds</i> , 2020, 832, 154938.	2.8	8
111	In Vitro and In Vivo Comparison of Different Types of Rabbit Mesenchymal Stem Cells for Cartilage Repair. <i>Cell Journal</i> , 2019, 21, 150-160.	0.2	8
112	Isolation, Characterization and Osteogenic Potential of Mouse Digit Tip Blastema Cells in Comparison with Bone Marrow-Derived Mesenchymal Stem Cells In Vitro. <i>Cell Journal</i> , 2018, 19, 585-598.	0.2	8
113	Higher Chondrogenic Potential of Extracellular Vesicles Derived from Mesenchymal Stem Cells Compared to Chondrocytes-EVs In Vitro. <i>BioMed Research International</i> , 2021, 2021, 1-12.	0.9	8
114	Effect of Purmorphamine on Osteogenic Differentiation of Human Mesenchymal Stem Cells in a Three-Dimensional Dynamic Culture System. <i>Cellular and Molecular Bioengineering</i> , 2014, 7, 575-584.	1.0	7
115	Critical-sized bone defects regeneration using a bone-inspired 3D bilayer collagen membrane in combination with leukocyte and platelet-rich fibrin membrane (L-PRF): An in vivo study. <i>Tissue and Cell</i> , 2020, 63, 101326.	1.0	7
116	Therapeutic effects of mesenchymal stem cells on cutaneous leishmaniasis lesions caused by <i>Leishmania major</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2020, 23, 243-250.	0.9	7
117	Functional differences of Toll-like receptor 4 in osteogenesis, adipogenesis and chondrogenesis in human bone marrow-derived mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5138-5149.	1.6	7
118	Application of bone and cartilage extracellular matrices in articular cartilage regeneration. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 042014.	1.7	7
119	Computerized Three-Dimensional Reconstruction of Cartilage Canals in Chick Tibial Chondroepiphysis. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2006, 35, 247-252.	0.3	6
120	The role of nanomedicine, nanotechnology, and nanostructures on oral bone healing, modeling, and remodeling. , 2017, , 777-832.		6
121	Mesenchymal Stem Cell-Based Bone Engineering for Bone Regeneration. , 0, , .		5
122	Comparison of maternal isocaloric high carbohydrate and high fat diets on osteogenic and adipogenic genes expression in adolescent mice offspring. <i>Nutrition and Metabolism</i> , 2016, 13, 69.	1.3	5
123	Mathematical Modeling and Experimental Evaluation for the predication of single nanofiber modulus. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 79, 38-45.	1.5	5
124	New insight into functional limb regeneration: A to Z approaches. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1925-1943.	1.3	5
125	Starvation is more efficient than the washing technique for purification of rat Sertoli cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014, 50, 723-730.	0.7	4
126	Inclusion Body Expression and Refolding of Recombinant Bone Morphogenetic Protein-2. <i>Avicenna Journal of Medical Biotechnology</i> , 2018, 10, 202-207.	0.2	4

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127	The Robust Potential of Mesenchymal Stem Cell-Loaded Constructs for Hard Tissue Regeneration After Cancer Removal. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1084, 17-43.	0.8	3
128	Smart Polymeric Systems: A Biomedical Viewpoint. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1298, 133-148.	0.8	3
129	Mesenchymal Stem Cells in Bone and Cartilage Regeneration. , 2013, , 131-153.		3
130	Effects of exercise prior or during pregnancy in high fat diet fed mice alter bone gene expression of female offspring: An experimental study. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 93-100.	0.5	3
131	Blastema from rabbit ear contains progenitor cells comparable to marrow derived mesenchymal stem cells. <i>Veterinary Research Forum</i> , 2012, 3, 159-65.	0.3	3
132	Effects of Maternal Isocaloric Diet Containing Different Amounts of Soy Oil and Extra Virgin Olive Oil on Weight, Serum Glucose, and Lipid Profile of Female Mice Offspring. <i>Iranian Journal of Medical Sciences</i> , 2017, 42, 161-169.	0.3	3
133	Effects of exercise prior or during pregnancy in high fat diet fed mice alter bone gene expression of female offspring: An experimental study. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 93-100.	0.5	3
134	Targeted mesenchymal stem cell therapy equipped with a cell-tissue nanomatchmaker attenuates osteoarthritis progression. <i>Scientific Reports</i> , 2022, 12, 4015.	1.6	3
135	Tooth tissue engineering. , 2017, , 467-501.		2
136	Functional Germ Cells From Non-Testicular Adult Stem Cells: A Dream or Reality?. <i>Current Stem Cell Research and Therapy</i> , 2017, 13, 60-79.	0.6	2
137	Effects of BIO on proliferation and chondrogenic differentiation of mouse marrow-derived mesenchymal stem cells. <i>Veterinary Research Forum</i> , 2013, 4, 69-76.	0.3	2
138	Poly(lactic-co-glycolic)/Nanostructured Merwinite Porous Composites for Bone Tissue Engineering. I. Preparation and Morphology. <i>Key Engineering Materials</i> , 2011, 493-494, 718-722.	0.4	1
139	Mesenchymal Stem Cells: An Optimistic Cell Source in Tissue Engineering for Bone Regeneration. <i>Stem Cells in Clinical Applications</i> , 2016, , 205-243.	0.4	1
140	Evaluation of toll-like receptor 4 expression in human bone marrow mesenchymal stem cells by lipopolysaccharides from <i>Shigella</i> . <i>Biologicals</i> , 2018, 55, 53-58.	0.5	1
141	Organic and inorganic zinc show similar regulatory effects on the expression of some germ cell specific markers induced in bone marrow mesenchymal stem cells after treatment with retinoic acid. <i>Biologia (Poland)</i> , 2019, 74, 1721-1731.	0.8	1
142	Evaluation of a New Method for Biological Activity Analysis of Recombinant Human Parathyroid Hormone-Related Protein. <i>Middle East Journal of Rehabilitation and Health Studies</i> , 2018, 5, .	0.1	1
143	3D Printing in Dentistry. , 2020, , 195-221.		1
144	M2c Macrophages enhance phalange regeneration of amputated mice digits in an organ co-culture system.. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 1602-1612.	1.0	1

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145	Chitosan/DNA nanoparticles characteristics determine the transfection efficacy of gene delivery to human mesenchymal stem cells. <i>Experimental Hematology</i> , 2013, 41, S65.	0.2	0
146	Declined presentation. <i>Experimental Hematology</i> , 2013, 41, S75.	0.2	0
147	EFFECT OF COLLAGEN ON THE MORPHOLOGY AND STRUCTURE OF CALCIUM PHOSPHATE NANOPARTICLES. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2014, 26, 1450061.	0.3	0
148	Platelet-Rich Plasma Incorporated Nanostructures for Tissue Engineering Applications. , 2017, , 211-227.		0
149	Studying the induction effect of different mouse neck scaffolds on the behavior of Mouse Bone marrow-derived mesenchymal stem cell. , 2021, 15, 1790-1799.		0
150	Rat Pancreatic Stromal Cells (PSC) affect Differentiation of Human Mesenchymal Stem Cells (hMSC) into Insulin-Producing Cells (IPCs) In vitro. <i>Journal of Cell Science & Therapy</i> , 2012, 03, .	0.3	0
151	Odontogenic Differentiation of Dental Pulp Derived Stem Cells on Tricalcium Phosphate Scaffolds. <i>Smile Dental Journal</i> , 2013, 8, 43-43.	0.0	0
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153	Advanced Nanotechnology Approaches as Emerging Tools in Cellular-Based Technologies. <i>Advances in Experimental Medicine and Biology</i> , 2022, , .	0.8	0