

CITATION REPORT

List of articles citing

Conditioned media from mesenchymal stem cells enhanced bone regeneration in rat calvarial bone defects

DOI: 10.1089/ten.tea.2011.0325

Tissue Engineering - Part A, 2012, 18, 1479-89.

Source: <https://exaly.com/paper-pdf/52667980/citation-report.pdf>

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
269	Cell transplantation as an initiator of endogenous stem cell-based tissue repair. 2012 , 17, 670-4		22
268	Stem cells in dentistry--Part II: Clinical applications. 2012 , 56, 229-48		118
267	Bone progenitors produced by direct osteogenic differentiation of the unprocessed bone marrow demonstrate high osteogenic potential in vitro and in vivo. 2012 , 1, 69-78		5
266	Osteoprotegerin enhances osteogenesis of human mesenchymal stem cells. <i>Tissue Engineering - Part A</i> , 2013 , 19, 2176-87	3.9	13
265	The potential role of microvesicles in mesenchymal stem cell-based therapy. 2013 , 22, 841-4		17
264	Oral and Maxillo-facial. 2013 , 823-841		
263	Novel application of stem cell-derived factors for periodontal regeneration. 2013 , 430, 763-8		80
262	After repeated division, bone marrow stromal cells express inhibitory factors with osteogenic capabilities, and EphA5 is a primary candidate. 2013 , 57, 343-54		14
261	Iron administration before stem cell harvest enables MR imaging tracking after transplantation. 2013 , 269, 186-97		53
260	Neuromodulatory nerve regeneration: adipose tissue-derived stem cells and neurotrophic mediation in peripheral nerve regeneration. 2013 , 91, 1517-24		41
259	A comparative morphometric analysis of biodegradable scaffolds as carriers for dental pulp and periosteal stem cells in a model of bone regeneration. 2013 , 24, 866-71		27
258	Paracrine effect of mesenchymal stem cells derived from human adipose tissue in bone regeneration. 2014 , 9, e107001		201
257	Periodontal tissue regeneration by transplantation of adipose tissue-derived multi-lineage progenitor cells. 2014 , 34, 109-116		11
256	Micro-CT and PET analysis of bone regeneration induced by biodegradable scaffolds as carriers for dental pulp stem cells in a rat model of calvarial "critical size" defect: Preliminary data. 2014 , 102, 815-25		47
255	The effect of low-level laser on bone healing in critical size defects treated with or without autogenous bone graft: an experimental study in rat calvaria. 2014 , 25, 1131-6		22
254	Mesenchymal stem cell spheroids exhibit enhanced in-vitro and in-vivo osteoregenerative potential. 2014 , 14, 105		107
253	Contribution of human adipose tissue-derived stem cells and the secretome to the skin allograft survival in mice. 2014 , 188, 280-9		46

252	Shaping oral cell plasticity to osteogenic differentiation by human mesenchymal stem cell coculture. 2014 , 356, 159-70		11
251	Osteocompatibility and osteoinductive potential of supermacroporous polyvinyl alcohol-TEOS-agarose-CaCl ₂ (PTAgC) biocomposite cryogels. 2014 , 25, 1327-37		15
250	Natural history of mesenchymal stem cells, from vessel walls to culture vessels. 2014 , 71, 1353-74		208
249	Concise review: Bone marrow-derived mesenchymal stem cells change phenotype following in vitro culture: implications for basic research and the clinic. 2014 , 32, 1713-23		229
248	Bone marrow stromal cell paracrine factors direct osteo/odontogenic differentiation of dental pulp cells. <i>Tissue Engineering - Part A</i> , 2014 , 20, 3063-72	3.9	17
247	Dental pulp stem cells secretome enhances pulp repair processes and compensates TEGDMA-induced cytotoxicity. 2014 , 30, e405-18		31
246	Bone marrow-derived mesenchymal stromal cells improve vascular regeneration and reduce leukocyte-endothelium activation in critical ischemic murine skin in a dose-dependent manner. 2014 , 16, 1345-60		19
245	Mesenchymal stem cell-conditioned medium enhances osteogenic and chondrogenic differentiation of human embryonic stem cells and human induced pluripotent stem cells by mesodermal lineage induction. <i>Tissue Engineering - Part A</i> , 2014 , 20, 1306-13	3.9	26
244	Isolation and osteogenic differentiation of skeletal muscle-derived stem cells for bone tissue engineering. 2014 , 9, 185-91		4
243	Bone formation by human umbilical cord perivascular cells. 2015 , 103, 2807-14		14
242	Bone-forming capacity of adult human nasal chondrocytes. 2015 , 19, 1390-9		13
241	Pre-activation of mesenchymal stem cells with TNF- α and IL-1 β and nitric oxide enhances its paracrine effects on radiation-induced intestinal injury. <i>Scientific Reports</i> , 2015 , 5, 8718	4.9	82
240	Conditioned Medium From Mesenchymal Stem Cells Enhances Early Bone Regeneration After Maxillary Sinus Floor Elevation in Rabbits. 2015 , 24, 657-63		23
239	hMSC-Derived VEGF Release Triggers the Chemoattraction of Alveolar Osteoblasts. 2015 , 33, 3114-24		8
238	Isolation of adipose and bone marrow mesenchymal stem cells using CD29 and CD90 modifies their capacity for osteogenic and adipogenic differentiation. 2015 , 6, 2041731415592356		31
237	Osteogenic differentiation of amniotic fluid mesenchymal stromal cells and their bone regeneration potential. <i>World Journal of Stem Cells</i> , 2015 , 7, 681-90	5.6	16
236	Immortalized mesenchymal stem cells producing conditioned medium in a large scale for therapeutic usage. 2015 , 35, 057-060		3
235	Enhanced Healing of Rat Calvarial Bone Defects with Hypoxic Conditioned Medium from Mesenchymal Stem Cells through Increased Endogenous Stem Cell Migration via Regulation of ICAM-1 Targeted-microRNA-221. 2015 , 38, 643-50		26

234	Periodontal Specific Differentiation of Dental Follicle Stem Cells into Osteoblast, Fibroblast, and Cementoblast. 2015 , 21, 1044-58	29	
233	A new application of cell-free bone regeneration: immobilizing stem cells from human exfoliated deciduous teeth-conditioned medium onto titanium implants using atmospheric pressure plasma treatment. 2015 , 6, 124	20	
232	In vitro augmentation of mesenchymal stem cells viability in stressful microenvironments : In vitro augmentation of mesenchymal stem cells viability. 2015 , 20, 237-51	71	
231	Secretomes from bone marrow-derived mesenchymal stromal cells enhance periodontal tissue regeneration. 2015 , 17, 369-81	76	
230	Cell-based bone regeneration for alveolar ridge augmentation--cell source, endogenous cell recruitment and immunomodulatory function. 2015 , 59, 96-112	24	
229	Osteogenic differentiation and gene expression profile of human dental follicle cells induced by human dental pulp cells. 2015 , 46, 93-106	13	
228	Evaluation of the therapeutic effects of conditioned media from mesenchymal stem cells in a rat bisphosphonate-related osteonecrosis of the jaw-like model. 2015 , 74, 95-105	61	
227	Peripheral Nerve Regeneration by Secretomes of Stem Cells from Human Exfoliated Deciduous Teeth. 2015 , 24, 2687-99	56	
226	Characterization of human ethmoid sinus mucosa derived mesenchymal stem cells (hESMSCs) and the application of hESMSCs cell sheets in bone regeneration. 2015 , 66, 67-82	39	
225	Secretome from human adipose-derived stem cells protects mouse liver from hepatic ischemia-reperfusion injury. 2015 , 157, 934-43	26	
224	Dental pulp stem cells derived conditioned medium promotes angiogenesis in hindlimb ischemia. 2015 , 12, 59-68	14	
223	Bone regeneration using mesenchymal stem cells: challenges and future perspectives in regenerative surgery. 2015 , 10, 543-7	2	
222	Co-transplantation of endothelial progenitor cells and mesenchymal stem cells promote neovascularization and bone regeneration. 2015 , 17, 353-9	34	
221	CXCL14 and MCP1 are potent trophic factors associated with cell migration and angiogenesis leading to higher regenerative potential of dental pulp side population cells. 2015 , 6, 111	50	
220	Direct and indirect effects of a combination of adipose-derived stem cells and platelet-rich plasma on bone regeneration. <i>Tissue Engineering - Part A</i> , 2015 , 21, 895-905	3-9	49
219	Conditioned medium from mesenchymal stem cells enhances the migration of hepatoma cells through CXCR4 up-regulation and F-actin remodeling. 2015 , 37, 511-21	12	
218	Applications of Mesenchymal Stem Cells and Neural Crest Cells in Craniofacial Skeletal Research. <i>Stem Cells International</i> , 2016 , 2016, 2849879	5	6
217	Bone Regeneration in Implant Dentistry: Role of Mesenchymal Stem Cells. 2016 ,	1	

216	Prolonged Survival of Transplanted Osteoblastic Cells Does Not Directly Accelerate the Healing of Calvarial Bone Defects. 2016 , 231, 1974-82		7
215	Conditioned medium from human bone marrow-derived mesenchymal stem cells promotes skin moisturization and effacement of wrinkles in UVB-irradiated SKH-1 hairless mice. 2016 , 32, 120-8		20
214	Environmental manipulation to promote stem cell survival in vivo: use of aggregation, oxygen carrier, and BMP-2 co-delivery strategies. 2016 , 4, 3594-3607		14
213	Exosomes/tricalcium phosphate combination scaffolds can enhance bone regeneration by activating the PI3K/Akt signaling pathway. 2016 , 7, 136		206
212	Influence of bone marrow stromal cell secreted molecules on pulpal and periodontal healing in replanted immature rat molars. 2016 , 32, 231-9		3
211	Transplantation of human-induced pluripotent stem cells carried by self-assembling peptide nanofiber hydrogel improves bone regeneration in rat calvarial bone defects. 2016 , 2, 15007		25
210	Conditioned media from differentiating craniofacial bone marrow stromal cells influence mineralization and proliferation in periodontal ligament stem cells. 2016 , 29, 162-75		6
209	Bone marrow stromal/stem cell-derived extracellular vesicles regulate osteoblast activity and differentiation in vitro and promote bone regeneration in vivo. <i>Scientific Reports</i> , 2016 , 6, 21961	4-9	221
208	First-in-human study and clinical case reports of the alveolar bone regeneration with the secretome from human mesenchymal stem cells. 2016 , 12, 5		64
207	Oral and Maxillo-Facial. 2016 , 283-302		
206	Biomaterial strategies for controlling stem cell fate via morphogen sequestration. 2016 , 4, 3464-3481		19
205	Exosomes for repair, regeneration and rejuvenation. 2016 , 16, 489-506		99
204	Profiling the Secretome of Human Stem Cells from Dental Apical Papilla. 2016 , 25, 499-508		37
203	Preameloblast-Derived Factors Mediate Osteoblast Differentiation of Human Bone Marrow Mesenchymal Stem Cells by Runx2-Osterix-BSP Signaling. <i>Tissue Engineering - Part A</i> , 2016 , 22, 93-102	3-9	7
202	Antlerogenic stem cells: molecular features and potential in rabbit bone regeneration. 2016 , 57, 539-554		11
201	Clinical review of bone regenerative medicine and maxillomandibular reconstruction. 2016 , 13, 15-19		3
200	The role of bone marrow aspirate cells in the management of atrophic mandibular fractures by mini-invasive surgical approach: Single-institution experience. 2017 , 45, 694-703		1
199	A defined mix of cytokines mimics conditioned medium from cultures of bone marrow-derived mesenchymal stem cells and elicits bone regeneration. 2017 , 50,		23

198	Biomaterials that promote cell-cell interactions enhance the paracrine function of MSCs. 2017 , 140, 103-114	137
197	Tumor necrosis factor-alpha inhibits differentiation of myogenic cells in human urethral rhabdosphincter. 2017 , 24, 461-467	1
196	Assessment of bone regeneration of a tissue-engineered bone complex using human dental pulp stem cells/poly(L-lactide)-biphasic calcium phosphate scaffold constructs in rabbit calvarial defects. 2017 , 28, 77	37
195	Angiogenesis in newly regenerated bone by secretomes of human mesenchymal stem cells. 2017 , 39, 8	45
194	Expression and antimicrobial character of cells transfected with human α -defensin-3 against periodontitis-associated microbiota in vitro. 2017 , 16, 2455-2460	8
193	Clinical Study of Bone Regeneration by Conditioned Medium From Mesenchymal Stem Cells After Maxillary Sinus Floor Elevation. 2017 , 26, 607-612	44
192	Substrate Microarchitecture Shapes the Paracrine Crosstalk of Stem Cells with Endothelial Cells and Osteoblasts. <i>Scientific Reports</i> , 2017 , 7, 15182	4.9 7
191	Stem Cell-Derived Extracellular Vesicles as a Novel Potential Therapeutic Tool for Tissue Repair. 2017 , 6, 1753-1758	66
190	Secretomes from mesenchymal stem cells participate in the regulation of osteoclastogenesis in vitro. 2017 , 21, 1979-1988	20
189	Conditioned media from hypoxic-cultured human dental pulp cells promotes bone healing during distraction osteogenesis. 2017 , 11, 2116-2126	28
188	Human amniotic epithelial cells regulate osteoblast differentiation through the secretion of TGF β 1 and microRNA-34a-5p. 2018 , 41, 791-799	13
187	Human adipose-derived mesenchymal stem cell-conditioned media suppresses inflammatory bone loss in a lipopolysaccharide-induced murine model. 2018 , 15, 1839-1846	15
186	Mesenchymal Stem Cell Secretome: Toward Cell-Free Therapeutic Strategies in Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3 501
185	Agarose-based biomaterials for tissue engineering. 2018 , 187, 66-84	276
184	Extracellular vesicles: A new therapeutic strategy for joint conditions. 2018 , 153, 134-146	27
183	Cytokine Mixtures Mimicking Secretomes From Mesenchymal Stem Cells Improve Medication-Related Osteonecrosis of the Jaw in a Rat Model. 2018 , 2, 69-80	9
182	Secretomes of mesenchymal stem cells induce early bone regeneration by accelerating migration of stem cells. 2018 , 30, 445-451	10
181	Insights into cell-free therapeutic approach: Role of stem cell "soup-ernatant". 2018 , 65, 104-118	16

180	Bone-healing capacity of conditioned medium derived from three-dimensionally cultivated human mesenchymal stem cells and electrical stimulation on collagen sponge. 2018 , 106, 311-320		8
179	The use of cell conditioned medium for musculoskeletal tissue regeneration. 2018 , 233, 4423-4442		21
178	A Novel Secretome Biotherapeutic Influences Regeneration in Critical Size Bone Defects. 2018 , 29, 116-123		10
177	Dynamic imaging of the effect of mesenchymal stem cells on osteoclast precursor cell chemotaxis for bone defects in the mouse skull. 2018 , 13, 354-359		5
176	Osteogenic Potential of Rat Dental Pulp-Derived Cells on Titanium Surfaces. 2018 , 27, 315-320		1
175	Topics of regenerative medicine for prosthodontists. 2018 , 10, 105-110		
174	Aging of mesenchymal stem cells: Implication in regenerative medicine. 2018 , 9, 120-122		47
173	Mesenchymal Stromal Cell Secretome: Influencing Therapeutic Potential by Cellular Pre-conditioning. 2018 , 9, 2837		203
172	A Liquid Chromatography with Tandem Mass Spectrometry-Based Proteomic Analysis of the Proteins Secreted by Human Adipose-Derived Mesenchymal Stem Cells. 2018 , 27, 1469-1494		9
171	Pilot Production of Mesenchymal Stem/Stromal Freeze-Dried Secretome for Cell-Free Regenerative Nanomedicine: A Validated GMP-Compliant Process. <i>Cells</i> , 2018 , 7,	7.9	62
170	Mesenchymal stromal cell potency to treat acute kidney injury increased by ultrasound-activated interferon- γ /Interleukin-10 axis. 2018 , 22, 6015-6025		19
169	Human Adipose-Derived Stem Cells for Tissue Engineering Approaches: Current Challenges and Perspectives. 2018 ,		1
168	Bone Morphogenetic Protein-2 Accelerates Osteogenic Differentiation in Spheroid-Derived Mesenchymal Stem Cells. 2018 , 27, 343-350		3
167	Stem Cells in Dentistry: Types of Intra- and Extraoral Tissue-Derived Stem Cells and Clinical Applications. <i>Stem Cells International</i> , 2018 , 2018, 4313610	5	16
166	Xenogenic Implantation of Equine Synovial Fluid-Derived Mesenchymal Stem Cells Leads to Articular Cartilage Regeneration. <i>Stem Cells International</i> , 2018 , 2018, 1073705	5	19
165	Biotherapeutic Effect of Gingival Stem Cells Conditioned Medium in Bone Tissue Restoration. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	55
164	Biofunctionalized Scaffold in Bone Tissue Repair. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	46
163	Influences of mechanical barrier permeability on guided bone augmentation in the rat calvarium. 2018 , 60, 453-459		1

162	Cell therapy induced regeneration of severely atrophied mandibular bone in a clinical trial. 2018 , 9, 213		74
161	Proteomic Identification and Time-Course Monitoring of Secreted Proteins During Expansion of Human Mesenchymal Stem/Stromal in Stirred-Tank Bioreactor. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 154	5.8	9
160	Genetically Engineered-MSC Therapies for Non-unions, Delayed Unions and Critical-size Bone Defects. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
159	Bovine pericardium membrane, gingival stem cells, and ascorbic acid: a novel team in regenerative medicine. 2019 , 63,		6
158	Modeling trauma in rats: similarities to humans and potential pitfalls to consider. <i>Journal of Translational Medicine</i> , 2019 , 17, 305	8.5	23
157	Conditioning of myoblast secretome using mesenchymal stem/stromal cell spheroids improves bone repair. 2019 , 125, 151-159		4
156	Monocyte chemoattractant protein-1 and secreted ectodomain of sialic acid-binding Ig-like lectin-9 enhance bone regeneration by inducing M2 macrophages. 2019 , 31, 169-174		2
155	The Effect of Conditioned Media of Stem Cells Derived from Lipoma and Adipose Tissue on Macrophages Response and Wound Healing in Indirect Co-culture System In Vitro. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	18
154	Dental derived stem cell conditioned media for hair growth stimulation. 2019 , 14, e0216003		9
153	Stromal cell-derived factor-1 accelerates bone regeneration through multiple regenerative mechanisms. 2019 , 31, 245-250		2
152	Comparison of Immunosuppressive and Angiogenic Properties of Human Amnion-Derived Mesenchymal Stem Cells between 2D and 3D Culture Systems. <i>Stem Cells International</i> , 2019 , 2019, 7486279	5	37
151	Application of a Bioactive/Bioresorbable Three-Dimensional Porous Uncalcined and Unsintered Hydroxyapatite/Poly-D/L-lactide Composite with Human Mesenchymal Stem Cells for Bone Regeneration in Maxillofacial Surgery: A Pilot Animal Study. 2019 , 12,		11
150	The biological behavior optimization of human periodontal ligament stem cells via preconditioning by the combined application of fibroblast growth factor-2 and A83-01 in in vitro culture expansion. <i>Journal of Translational Medicine</i> , 2019 , 17, 66	8.5	9
149	Secretome of Mesenchymal Stem Cells and Its Potential Protective Effects on Brain Pathologies. 2019 , 56, 6902-6927		23
148	Immune Modulation by Transplanted Calcium Phosphate Biomaterials and Human Mesenchymal Stromal Cells in Bone Regeneration. 2019 , 10, 663		42
147	Mesenchymal Stem Cell Engineered Nanovesicles for Accelerated Skin Wound Closure. 2019 , 5, 1534-1543		14
146	Bone mesenchymal stem cell therapy for ovariectomized osteoporotic rats: a systematic review and meta-analysis. 2019 , 20, 556		4
145	Exosomes from conditioned media of bone marrow-derived mesenchymal stem cells promote bone regeneration by enhancing angiogenesis. 2019 , 14, e0225472		73

144	The efficacy of conditioned medium released by tonsil-derived mesenchymal stem cells in a chronic murine colitis model. 2019 , 14, e0225739		8
143	Adipogenic Mesenchymal Stem Cells and Hyaluronic Acid as a Cellular Compound for Bone Tissue Engineering. 2019 , 30, 777-783		9
142	Mesenchymal Stromal Cell-Based Bone Regeneration Therapies: From Cell Transplantation and Tissue Engineering to Therapeutic Secretomes and Extracellular Vesicles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 352	5.8	54
141	Stem Cells for Bone Regeneration: Current State and Future Directions. 2019 , 30, 730-735		22
140	Will cell therapies provide the solution for the shortage of transplantable organs?. 2019 , 24, 568-573		3
139	Calcium mimics the chemotactic effect of conditioned media and is an effective inducer of bone regeneration. 2019 , 14, e0210301		5
138	Conditioned media derived from mesenchymal stem cell cultures: The next generation for regenerative medicine. 2019 , 13, 569-586		52
137	Adipose-derived stem cells-conditioned medium improved osteogenic differentiation of induced pluripotent stem cells when grown on polycaprolactone nanofibers. 2019 , 234, 10315-10323		14
136	Stem cell-based bone regeneration in diseased microenvironments: Challenges and solutions. 2019 , 196, 18-30		61
135	Comparative analysis of mesenchymal stromal cells derived from rabbit bone marrow and Wharton's jelly for adipose tissue engineering. 2020 , 61, 537-545		0
134	Bone Regeneration in a Canine Model of Artificial Jaw Cleft Using Bone Marrow-Derived Mesenchymal Stem Cells and Carbonate Hydroxyapatite Carrier. 2020 , 57, 208-217		5
133	Emerging role of stem cell-derived extracellular microRNAs in age-associated human diseases and in different therapies of longevity. 2020 , 57, 100979		29
132	Therapeutic mesenchymal stromal stem cells: Isolation, characterization and role in equine regenerative medicine and metabolic disorders. 2020 , 16, 301-322		12
131	Stem cell-derived conditioned media from human exfoliated deciduous teeth promote bone regeneration. 2020 , 26, 381-390		17
130	Bone Marrow-Derived Mesenchymal Stromal Cells: A Novel Target to Optimize Hematopoietic Stem Cell Transplantation Protocols in Hematological Malignancies and Rare Genetic Disorders. 2019 , 9,		15
129	Stem Cells Regenerating the Craniofacial Skeleton: Current State-Of-The-Art and Future Directions. 2020 , 9,		7
128	Establishment of human immortalized mesenchymal stem cells lines for the monitoring and analysis of osteogenic differentiation in living cells. 2020 , 6, e05398		2
127	Effect of Human Umbilical Cord Perivascular Cell-Conditioned Media in an Adult Zebrafish Model of Traumatic Brain Injury. 2020 ,		0

126	Mesenchymal stromal cell-derived factors promote the colonization of collagen 3D scaffolds with human skin cells. 2020 , 24, 9692-9704		4
125	Exosomes from Placenta-Derived Mesenchymal Stem Cells Are Involved in Liver Regeneration in Hepatic Failure Induced by Bile Duct Ligation. <i>Stem Cells International</i> , 2020 , 2020, 5485738	5	7
124	Conditioned media from mesenchymal stromal cells and periodontal ligament fibroblasts under cyclic stretch stimulation promote bone healing in mouse calvarial defects. 2020 , 22, 543-551		6
123	Mesenchymal stem cell-based cell-free strategies: safe and effective treatments for liver injury. 2020 , 11, 377		27
122	Membranes for Guided Bone Regeneration: A Road from Bench to Bedside. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000707	10.1	25
121	State of the Art Review of Cell Therapy in the Treatment of Lung Disease, and the Potential for Aerosol Delivery. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
120	The Role of Chronic Inflammatory Bone and Joint Disorders in the Pathogenesis and Progression of Alzheimer's Disease. 2020 , 12, 583884		5
119	HGF and bFGF Secreted by Adipose-Derived Mesenchymal Stem Cells Revert the Fibroblast Phenotype Caused by Vocal Fold Injury in a Rat Model. 2020 ,		3
118	A compound of concentrated growth factor and periodontal ligament stem cell-derived conditioned medium. 2020 , 65, 101373		5
117	Characteristics and Therapeutic Potential of Dental Pulp Stem Cells on Neurodegenerative Diseases. 2020 , 14, 407		9
116	Injectable hydrogels based on MPEG-PCL-RGD and BMSCs for bone tissue engineering. 2020 , 8, 4334-4345		11
115	Effect of the Soluble Factors Released by Dental Apical Papilla-Derived Stem Cells on the Osteo/Odontogenic, Angiogenic, and Neurogenic Differentiation of Dental Pulp Cells. 2020 , 29, 795-805		8
114	Biomaterials functionalized with MSC secreted extracellular vesicles and soluble factors for tissue regeneration. 2020 , 30, 1909125		78
113	Could the Enrichment of a Biomaterial with Conditioned Medium or Extracellular Vesicles Modify Bone-Remodeling Kinetics during a Defect Healing? Evaluations on Rat Calvaria with Synchrotron-Based Microtomography. 2020 , 10, 2336		1
112	Extracellular Vesicles of Stem Cells to Prevent BRONJ. 2020 , 99, 552-560		16
111	Dental Stem Cell-Derived Secretome/Conditioned Medium: The Future for Regenerative Therapeutic Applications. <i>Stem Cells International</i> , 2020 , 2020, 7593402	5	40
110	Characterization of Naturally Occurring Bioactive Factor Mixtures for Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
109	Trends in Salivary Gland Tissue Engineering: From Stem Cells to Secretome and Organoid Bioprinting. 2021 , 27, 155-165		9

108	Effects of Conditioned Medium from Bone Marrow Cells on Human Umbilical Cord Perivascular Cells. <i>Tissue Engineering - Part A</i> , 2021 , 27, 382-389	3.9	0
107	Advancing application of mesenchymal stem cell-based bone tissue regeneration. 2021 , 6, 666-683		52
106	Exosomes: A Tool for Bone Tissue Engineering. 2021 ,		2
105	SDF-1 mediates mesenchymal stem cell recruitment and migration via the SDF-1/CXCR4 axis in bone defect. 2021 , 39, 126-138		16
104	Extracellular vesicles in bone and periodontal regeneration: current and potential therapeutic applications. 2021 , 11, 16		18
103	Effect of platelet-derived growth factor (PDGF-BB) and bone morphogenic protein 2 (BMP-2) transfection of rBMSCs compounded with platelet-rich plasma on adipogenic differentiation. 2020 , 54, e9944		1
102	Repairing organs with MSC. 2021 , 115-134		
101	Mesenchymal stem cell-derived small extracellular vesicles as cell-free therapy: Perspectives in periodontal regeneration. 2021 , 56, 433-442		7
100	Engineering the MSC Secretome: A Hydrogel Focused Approach. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001948	10.1	21
99	Cytokines secretion from human mesenchymal stem cells induced by bovine bone matrix. 2021 , 32, 217-228		1
98	Mesenchymal stem cell-conditioned medium improved mitochondrial function and alleviated inflammation and apoptosis in non-alcoholic fatty liver disease by regulating SIRT1. 2021 , 546, 74-82		6
97	Mesenchymal Stem Cells as a Cornerstone in a Galaxy of Intercellular Signals: Basis for a New Era of Medicine. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	14
96	Conditioned medium from mesenchymal stem cells improves condylar resorption induced by mandibular distraction osteogenesis in a rat model. 2021 , 7, e06530		1
95	The importance of cellular and exosomal miRNAs in mesenchymal stem cell osteoblastic differentiation. <i>Scientific Reports</i> , 2021 , 11, 5953	4.9	9
94	3D-microtissue derived secretome as a cell-free approach for enhanced mineralization of scaffolds in the chorioallantoic membrane model. <i>Scientific Reports</i> , 2021 , 11, 5418	4.9	4
93	Lyophilized powder of mesenchymal stem cell supernatant attenuates acute lung injury through the IL-6-p-STAT3-p63-JAG2 pathway. 2021 , 12, 216		5
92	Ultrafiltration and Injection of Islet Regenerative Stimuli Secreted by Pancreatic Mesenchymal Stromal Cells. 2021 , 30, 247-264		3
91	The Role of Adipose Stem Cells in Bone Regeneration and Bone Tissue Engineering. <i>Cells</i> , 2021 , 10,	7.9	4

90	Incorporating insulin growth Factor-1 into regenerative and personalised medicine for musculoskeletal disorders: A systematic review. 2021 , 15, 419-441		0
89	Facile bead-to-bead cell-transfer method for serial subculture and large-scale expansion of human mesenchymal stem cells in bioreactors. 2021 , 10, 1329-1342		3
88	Chemotactic and Angiogenic Potential of Mineralized Collagen Scaffolds Functionalized with Naturally Occurring Bioactive Factor Mixtures to Stimulate Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
87	The secretome of mesenchymal stem cells and oxidative stress: challenges and opportunities in cell-free regenerative medicine. 2021 , 48, 5607-5619		5
86	Assessment of the Bone Healing Process Mediated by Periosteum-Derived Mesenchymal Stem Cells Secretome and a Xenogenic Bioceramic-An In Vivo Study in the Rabbit Critical Size Calvarial Defect Model. 2021 , 14,		2
85	Sinking Our Teeth in Getting Dental Stem Cells to Clinics for Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
84	Conditioned secretome of adipose-derived stem cells improves dextran sulfate sodium-induced colitis in mice. 2021 , 27, 3342-3356		1
83	Mesenchymal stem cells therapy for acute liver failure: Recent advances and future perspectives. 2021 , 5, 53-61		5
82	Importance of the origin of mesenchymal (stem) stromal cells in cancer biology: "alliance" or "war" in intercellular signals. 2021 , 11, 109		2
81	Evaluation of the Biocompatibility and Osteoconduction of the Carbon Nanotube, Chitosan and Hydroxyapatite Nanocomposite with or without Mesenchymal Stem Cells as a Scaffold for Bone Regeneration in Rats. 2021 , 1, 118-131		
80	Role of adipose mesenchymal stem cells and secretome in peripheral nerve regeneration. 2021 , 67, 102482		4
79	Augmenting Peripheral Nerve Regeneration with Adipose-Derived Stem Cells. 2021 , 1		5
78	Conditioned Medium of Adipose-Derived Mesenchymal Stem Cells as a Promising Candidate to Protect High Glucose-Induced Injury in Cultured C28I2 Chondrocytes. <i>Advanced Pharmaceutical Bulletin</i> , 2021 ,	4.5	
77	Migration and phenotype switching of macrophages at early-phase of bone-formation by secretomes from bone marrow derived mesenchymal stem cells using rat calvaria bone defect model. 2022 , 17, 421-429		1
76	The Restorative Effect of Human Amniotic Fluid Stem Cells on Spinal Cord Injury. <i>Cells</i> , 2021 , 10,	7.9	1
75	Biomimetic versus sintered macroporous calcium phosphate scaffolds enhanced bone regeneration and human mesenchymal stromal cell engraftment in calvarial defects. <i>Acta Biomaterialia</i> , 2021 , 135, 689-704	10.8	1
74	Critical roles of microRNA-196 in normal physiology and non-malignant diseases: Diagnostic and therapeutic implications. 2021 , 122, 104664		1
73	Efficacy of chitinase-3-like protein 1 as an bone formation predictable marker of maxillary/mandibular bone marrow stromal cells. 2021 , 18, 38-50		0

72	Current advances in stem cell-based therapies for hair regeneration. 2020 , 881, 173197		14
71	Osteogenic Differentiation of Induced Pluripotent Stem Cells on Electrospun Nanofibers: A Review of Literature. 2020 , 25, 101561		6
70	Effectiveness of mesenchymal stem cell-conditioned medium in bone regeneration in animal and human models: a systematic review and meta-analysis. 2020 , 9, 5		7
69	Assessment of Cytokine Expression Profile of MCF-7 Cells in Response to hWJ-MSCs Secretome. <i>Advanced Pharmaceutical Bulletin</i> , 2019 , 9, 649-654	4.5	1
68	Ginsenoside RG1 enhances the paracrine effects of bone marrow-derived mesenchymal stem cells on radiation induced intestinal injury. <i>Aging</i> , 2020 , 13, 1132-1152	5.6	4
67	A Concise Review on Mesenchymal Stem Cells for Tissue Engineering with a Perspective on Ocular Surface Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2020 , 15, 211-218	3.6	3
66	Effects of Bone Marrow Mesenchymal Stem Cells-Conditioned Medium on Tibial Partial Osteotomy Model of Fracture Healing in Hypothyroidism Rats. <i>Iranian Biomedical Journal</i> , 2018 , 22, 90-8	2	4
65	Biological activity of mesenchymal stem cells secretome as a basis for cell-free therapeutic approach. <i>Research Results in Pharmacology</i> , 2020 , 6, 57-68	0.5	11
64	Mesenchymal stem cells secretome: The cornerstone of cell-free regenerative medicine. <i>World Journal of Stem Cells</i> , 2020 , 12, 1529-1552	5.6	16
63	Umbilical cord blood mesenchymal stem cells protect amyloid- β 2 neurotoxicity via paracrine. <i>World Journal of Stem Cells</i> , 2012 , 4, 110-6	5.6	22
62	Biomarkers as Independent Predictors of Bone Regeneration around Biomaterials: A Systematic Review of Literature. <i>Journal of Contemporary Dental Practice</i> , 2018 , 19, 605-618	0.7	7
61	Prospect of Mesenchymal Stem Cells Conditioned Medium in Tissue Regeneration. <i>Gene, Cell and Tissue</i> , 2017 , In Press,	0.6	1
60	Adipose Derived Stem Cells Conditioned Media in Combination with Bioceramic-Collagen Scaffolds Improved Calvarial Bone Healing in Hypothyroid Rats. <i>Iranian Red Crescent Medical Journal</i> , 2017 , 19,	1.3	7
59	Researches and Applications of Stem Cell Secretome. 2021 , 191-223		
58	Musculoskeletal Stem Cells. 2016 , 315-343		
57	Potential Application of Mesenchymal Stem Cells and Their Secretory Factors for Musculoskeletal Disorders: A Brief Review. <i>Journal of Postgraduate Medicine Education and Research</i> , 2018 , 52, 73-82	0.1	
56	Tissue Engineering and Cell-Based Therapy for Bone Regeneration: Clinical Application and In Vivo and In Vitro Research. 2019 , 143-153		
55	TREATMENT OUTCOMES OF THE ALVEOLAR RIDGE REGRESSIVE TRANSFORMATION USING AUTOLOGOUS ADIPOSE-TISSUE DERIVED STROMAL VASCULAR FRACTION. <i>Kuban Scientific Medical Bulletin</i> , 2019 , 26, 71-84	0.2	

54	Exosomes from bone marrow mesenchymal stem cells promoted osteogenic differentiation by delivering miR-196a that targeted Dickkopf-1 to activate Wnt/ β catenin pathway. <i>Bioengineered</i> , 2021 ,	5.7	6
53	Canine Mesenchymal Stromal Cell-Mediated Bone Regeneration is Enhanced in the Presence of Sub-Therapeutic Concentrations of BMP-2 in a Murine Calvarial Defect Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 764703	5.8	
52	Advances in mesenchymal stem cell conditioned medium-mediated periodontal tissue regeneration. <i>Journal of Translational Medicine</i> , 2021 , 19, 456	8.5	4
51	Protective effects of low-molecular-weight components of adipose stem cell-derived conditioned medium on dry eye syndrome in mice. <i>Scientific Reports</i> , 2021 , 11, 21874	4.9	
50	Adipose-Derived Stem Cells Conditioned Media Promote In Vitro Osteogenic Differentiation of Hypothyroid Mesenchymal Stem Cells. <i>Gene, Cell and Tissue</i> , 2020 , 7,	0.6	
49	Efficient differentiation of neural stem cells induced by the rat bone marrow stromal cells. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 6713-24		3
48	Co-culture with periodontal ligament stem cells enhanced osteoblastic differentiation of MC3T3-E1 cells and osteoclastic differentiation of RAW264.7 cells. <i>International Journal of Clinical and Experimental Pathology</i> , 2015 , 8, 14596-607	1.4	16
47	Reconstructing jaw defects with MSCs and PLGA-encapsulated growth factors. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 2693-704	3	10
46	Secretome, Extracellular Vesicles, Exosomes. 2022 , 155-166		
45	Mesenchymal Stromal Cells for the Treatment of Interstitial Lung Disease in Children: A Look from Pediatric and Pediatric Surgeon Viewpoints.. <i>Cells</i> , 2021 , 10,	7.9	2
44	Advances in hair growth.. <i>Faculty Reviews</i> , 2022 , 11, 1	1.2	1
43	A Narrative Review of Cell-Based Approaches for Cranial Bone Regeneration.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	0
42	Secretome from Human Mesenchymal Stem Cells-Derived Endothelial Cells Promotes Wound Healing in a Type-2 Diabetes Mouse Model.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	3
41	Modified mesenchymal stem cells in cancer therapy: A smart weapon requiring upgrades for wider clinical applications.. <i>World Journal of Stem Cells</i> , 2022 , 14, 54-75	5.6	0
40	In Silico Approach for Pro-inflammatory Protein Interleukin 1 β and Interleukin-1 Receptor Antagonist Protein Docking as Potential Therapy for COVID-19 Disease. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2022 , 10, 65-70	1	
39	Endometrial Regenerative Cell-Derived Conditioned Medium Alleviates Experimental Colitis.. <i>Stem Cells International</i> , 2022 , 2022, 7842296	5	1
38	Vapor construction and modification of stem cell-laden multicomponent scaffolds for regenerative therapeutics.. <i>Materials Today Bio</i> , 2022 , 13, 100213	9.9	0
37	Prospects of Mesenchymal Stem Cell Secretome in Veterinary Regenerative Therapy. 2021 , 271-287		1

36	Polymeric Hydrogels as Mesenchymal Stem Cell Secretome Delivery System in Biomedical Applications.. <i>Polymers</i> , 2022 , 14,	4.5	2
35	Identifying the Efficacy of Extracellular Vesicles in Osteogenic Differentiation: An EV-Lution in Regenerative Medicine. <i>Frontiers in Dental Medicine</i> , 2022 , 3,	1.8	
34	Engineered Delivery of Dental Stem Cell-Derived Extracellular Vesicles for Periodontal Tissue Regeneration.. <i>Advanced Healthcare Materials</i> , 2022 , e2102593	10.1	3
33	Synthetic Electrospun Nanofibers as a Supportive Matrix in Osteogenic Differentiation of Induced Pluripotent Stem Cells.. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022 , 1-29	3.5	0
32	Influence of Periodontal Ligament Stem Cell-Derived Conditioned Medium on Osteoblasts.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	1
31	Incorporating Insulin Growth Factor-1 into Regenerative and Personalized Medicine for Cardiovascular Disease: A Systematic Review.. <i>Current Stem Cell Research and Therapy</i> , 2022 ,	3.6	0
30	Modern Approaches to Acellular Therapy in Bone and Dental Regeneration.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	0
29	Current Trends and Future Outlooks of Dental Stem-Cell-Derived Secretome/Conditioned Medium in Regenerative Medicine. 2022 , 1-37		
28	Multi-objective Shape Optimization of Bone Scaffolds: Enhancement of Mechanical Properties and Permeability.. <i>Acta Biomaterialia</i> , 2022 ,	10.8	0
27	The Therapeutic Potential of Secreted Factors from Dental Pulp Stem Cells for Various Diseases. <i>Biomedicines</i> , 2022 , 10, 1049	4.8	
26	Gingival Mesenchymal Stem Cells Metabolite Decreasing TRAP, NFATc1, and Sclerostin Expression in LPS-Associated Inflammatory Osteolysis In Vivo. <i>European Journal of Dentistry</i> ,	2.6	0
25	Cell Secretome Strategies for Controlled Drug Delivery and Wound-Healing Applications. <i>Polymers</i> , 2022 , 14, 2929	4.5	1
24	Exosome mediated biological functions within skeletal microenvironment. 10,		2
23	Identification and characterization of stem cell secretome-based recombinant proteins for wound healing applications. 10,		0
22	Mesenchymal (Stem) Stromal Cells Based as New Therapeutic Alternative in Inflammatory Bowel Disease: Basic Mechanisms, Experimental and Clinical Evidence, and Challenges. 2022 , 23, 8905		0
21	Advances in extracellular vesicle functionalization strategies for tissue regeneration. 2022 ,		0
20	Analysis of MSCssecretome and EVs cargo: Evaluation of functions and applications. 2022 , 308, 120990		0
19	Exosomes from adipose tissue-derived stem/stromal cells: A key to future regenerative medicine. 2022 , 46, 2701-2704		0

18	Osteogenic effect of electromagnetic fields on stem cells derived from rat bone marrow cultured in osteogenic medium versus conditioned medium in vitro.	0
17	Prostate Cancer Tumor Stroma: Responsibility in Tumor Biology, Diagnosis and Treatment. 2022 , 14, 4412	2
16	A systematic review of bone marrow stromal cells and periosteum-derived cells for bone regeneration.	2
15	Intrauterine Injection of Umbilical Cord Mesenchymal Stem Cell Exosome Gel Significantly Improves the Pregnancy Rate in Thin Endometrium Rats. 2022 , 31, 096368972211333	0
14	Conditioned medium of bone marrow mesenchymal stem cells improves sperm parameters and reduces histological alteration in rat testicular ischaemia/reperfusion model.	0
13	The roles of mesenchymal stem cell-derived exosomes in diabetes mellitus and its related complications. 13,	1
12	Effects of Human Deciduous Dental Pulp-Derived Mesenchymal Stem Cell-Derived Conditioned Medium on the Metabolism of HUVECs, Osteoblasts, and BMSCs. 2022 , 11, 3222	0
11	Current Trends and Future Outlooks of Dental Stem-Cell-Derived Secretome/Conditioned Medium in Regenerative Medicine. 2022 , 1035-1070	0
10	Aging and Mesenchymal Stem Cells: Basic Concepts, Challenges and Strategies. 2022 , 11, 1678	0
9	Towards a New Concept of Regenerative Endodontics Based on Mesenchymal Stem Cell-Derived Secretomes Products. 2023 , 10, 4	1
8	The lower in vivo osteogenicity of adipose tissue-derived stem cells correlates with a higher innate immune response.	0
7	Perspective Chapter: Role of Genetics, Stem Cells in Reconstructive Surgery Their Perspectives in Craniofacial Diseases and Syndromes.	0
6	Pretreated Mesenchymal Stem Cells and Their Secretome: Enhanced Immunotherapeutic Strategies. 2023 , 24, 1277	2
5	Functionalizing Collagen Membranes with MSC-Conditioned Media Promotes Guided Bone Regeneration in Rat Calvarial Defects. 2023 , 12, 767	0
4	Laser-Modified Ti Surface Improves Paracrine Osteogenesis by Modulating the Expression of DKK1 in Osteoblasts. 2023 , 14, 224	0
3	The current regenerative medicine approaches of craniofacial diseases: A narrative review. 11,	0
2	Female Reproductive Aging and Oxidative Stress: Mesenchymal Stem Cell Conditioned Medium as a Promising Antioxidant. 2023 , 24, 5053	0
1	Bone marrow-derived mesenchymal stem cell-conditioned medium ameliorates diabetic foot ulcers in rats. 2023 , 78, 100181	0

