

# CITATION REPORT

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Mesenchymal stem cells enhance bone regeneration in rat calvarial critical size defects more than platelete-rich plasma

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Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, 356-62; discussion 363.

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#	Paper	IF	Citations
73	The use of mesenchymal (skeletal) stem cells for treatment of degenerative diseases: current status and future perspectives. <i>Journal of Cellular Physiology</i> , <b>2009</b> , 218, 9-12	7	68
72	Isolation and implantation of bone marrow-derived mesenchymal stem cells with fibrin micro beads to repair a critical-size bone defect in mice. <i>Tissue Engineering - Part A</i> , <b>2009</b> , 15, 2537-46	3.9	38
71	Enhanced differentiation of human embryonic stem cells to mesenchymal progenitors by inhibition of TGF-beta/activin/nodal signaling using SB-431542. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 1216-33	6.3	83
70	Human hematopoietic progenitor cells grow faster under rotational laminar flows. <i>Biotechnology Progress</i> , <b>2010</b> , 26, 1465-73	2.8	1
69	Mesenchymal stem cells and bovine bone mineral in sinus lift procedures--an experimental study in sheep. <i>Tissue Engineering - Part C: Methods</i> , <b>2010</b> , 16, 1033-9	2.9	26
68	Cranial bone defects: current and future strategies. <i>Neurosurgical Focus</i> , <b>2010</b> , 29, E8	4.2	138
67	Cell-scaffold transplant of hydrogel seeded with rat bone marrow progenitors for bone regeneration. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2011</b> , 39, 364-71	3.6	53
66	Osteoanagenesis after transplantation of bone marrow-derived mesenchymal stem cells using polyvinylidene chloride film as a scaffold. <i>Dental Materials Journal</i> , <b>2011</b> , 30, 707-16	2.5	7
65	Treatment of experimental periodontal disease with antimicrobial photodynamic therapy in nicotine-modified rats. <i>Journal of Clinical Periodontology</i> , <b>2011</b> , 38, 1106-14	7.7	35
64	Xenograft enriched with autologous bone marrow in inlay reconstructions: a tomographic and histomorphometric study in rabbit calvaria. <i>International Journal of Biomaterials</i> , <b>2012</b> , 2012, 170520	3.2	7
63	Repair of alveolar cleft defect with mesenchymal stem cells and platelet derived growth factors: a preliminary report. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2012</b> , 40, 2-7	3.6	116
62	A Porous Hydroxyapatite/Gelatin Nanocomposite Scaffold for Bone Tissue Repair: In Vitro and In Vivo Evaluation. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2012</b> , 23, 2353-68	3.5	47
61	A novel calcium aluminate-melatonin scaffold enhances bone regeneration within a calvarial defect. <i>Journal of Pineal Research</i> , <b>2012</b> , 53, 206-18	10.4	39
60	Current trends in mesenchymal stem cell application in bone augmentation: a review of the literature. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2012</b> , 70, 972-82	1.8	66
59	Bone regeneration with a combination of nanocrystalline hydroxyapatite silica gel, platelet-rich growth factor, and mesenchymal stem cells: a histologic study in rabbit calvaria. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2013</b> , 115, e7-15	2	43
58	Bone regeneration from mesenchymal stem cells (MSCs) and compact bone-derived MSCs as an animal model. <i>Japanese Dental Science Review</i> , <b>2013</b> , 49, 35-44	6.8	7
57	Odontogenic differentiation of dental pulp-derived stem cells on tricalcium phosphate scaffolds. <i>Journal of Dental Sciences</i> , <b>2013</b> , 8, 306-313	2.5	16

56	Establishment of the chronic bone defect model in experimental model mandible and evaluation of the efficacy of the mesenchymal stem cells in enhancing bone regeneration. <i>Tissue Engineering and Regenerative Medicine</i> , <b>2013</b> , 10, 18-24	4.5	10
55	Adjunctive antimicrobial photodynamic treatment of experimentally induced periodontitis in rats with ovariectomy. <i>Journal of Periodontology</i> , <b>2013</b> , 84, 556-65	4.6	32
54	The effect of PCL-TCP scaffold loaded with mesenchymal stem cells on vertical bone augmentation in dog mandible: a preliminary report. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2013</b> , 101, 848-54	3.5	53
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43	Smart scaffolds in bone tissue engineering: A systematic review of literature. <i>World Journal of Stem Cells</i> , <b>2015</b> , 7, 657-68	5.6	93
42	New and emerging strategies in platelet-rich plasma application in musculoskeletal regenerative procedures: general overview on still open questions and outlook. <i>BioMed Research International</i> , <b>2015</b> , 2015, 846045	3	55
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40	Regenerative medicine in the treatment of alveolar cleft defect: A systematic review of the literature. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2015</b> , 43, 1608-13	3.6	31
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37	Evaluation of bone regeneration potential of dental follicle stem cells for treatment of craniofacial defects. <i>Cytotherapy</i> , <b>2015</b> , 17, 1572-81	4.8	45
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