

CITATION REPORT

List of articles citing

Sinus augmentation using human mesenchymal stem cells loaded into a beta-tricalcium phosphate/hydroxyapatite scaffold

DOI: 10.1016/j.tripleo.2007.12.001

Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, 203-9.

Source: <https://exaly.com/paper-pdf/44023244/citation-report.pdf>

Version: 2024-04-26

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
149	Functional hepatocyte-like cells derived from human bone marrow mesenchymal stem cells on a novel 3-dimensional biocompatible nanofibrous scaffold. 2008 , 31, 500-7		18
148	Engineering craniofacial structures: facing the challenge. 2009 , 88, 1077-91		77
147	Secondary repair of alveolar clefts using human mesenchymal stem cells. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 108, e1-6		85
146	Alveolar bone regeneration by transplantation of periodontal ligament stem cells and bone marrow stem cells in a canine peri-implant defect model: a pilot study. 2009 , 80, 1815-23		144
145	Use of cell-based approaches in maxillary sinus augmentation procedures. <i>Journal of Craniofacial Surgery</i> , 2010 , 21, 557-60	1.2	21
144	Dental follicle stem cells and tissue engineering. 2010 , 52, 541-52		115
143	Bioengineering strategies for regeneration of craniofacial bone: a review of emerging technologies. 2010 , 16, 709-16		57
142	Clinical and histomorphometric evaluation of extraction sockets treated with an autologous bone marrow graft. 2010 , 21, 535-42		89
141	Peri-implant reconstruction using autologous periosteum-derived cells and guided bone regeneration. <i>Journal of Clinical Periodontology</i> , 2010 , 37, 1128-36	7.7	10
140	Regenerative Dentistry. 2010 , 2, 1-178		2
139	Clinical application of human mesenchymal stromal cells for bone tissue engineering. 2010 , 2010, 215625		68
138	In vivo comparison of hard tissue regeneration with human mesenchymal stem cells processed with either the FICOLL method or the BMAC method. 2010 , 16, 215-23		47
137	Bone marrow stem cells in clinical application: harnessing paracrine roles and niche mechanisms. 2010 , 123, 265-92		12
136	Characteristic change and loss of in vivo osteogenic abilities of human bone marrow stromal cells during passage. 2010 , 16, 663-73		48
135	Mesenchymal stem cells and inorganic bovine bone mineral in sinus augmentation: comparison with augmentation by autologous bone in adult sheep. 2010 , 48, 285-90		45
134	Systematic evaluation of a tissue-engineered bone for maxillary sinus augmentation in large animal canine model. <i>Bone</i> , 2010 , 46, 91-100	4.7	41
133	Bone tissue engineering with human stem cells. 2010 , 1, 10		147

132	Bone marrow concentrate and bovine bone mineral for sinus floor augmentation: a controlled, randomized, single-blinded clinical and histological trial--per-protocol analysis. 2011 , 17, 2187-97		65
131	Comparative histomorphometric analysis between β Tcp cement and β Tcp/Ha granules in the bone repair of rat calvaria. 2011 , 14, 11-16		20
130	Mesenchymal Stem Cells. 2011 , 285-304		4
129	Early spontaneous immortalization and loss of plasticity of rabbit bone marrow mesenchymal stem cells. 2011 , 44, 67-74		31
128	Tissue-engineered polymer-based periosteal bone grafts for maxillary sinus augmentation: five-year clinical results. 2011 , 69, 2753-62		26
127	Craniofacial reconstruction using allotransplantation and tissue engineering: challenges, opportunities, and potential synergy. <i>Annals of Plastic Surgery</i> , 2011 , 67, 655-61	1.7	22
126	Principles of Repair and Grafting of Bone and Cartilage. 2012 , 19-26		2
125	Bone tissue engineering: recent advances and challenges. 2012 , 40, 363-408		1340
124	Stem cells in dentistry--Part II: Clinical applications. 2012 , 56, 229-48		118
123	Stem cell and tissue engineering research in the Islamic republic of Iran. 2012 , 8, 629-39		17
122	Impact of inflammation on the osteoarthritic niche: implications for regenerative medicine. 2012 , 7, 551-70		3
121	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> , 2012 , 40, 2-7	3.6	116
120	Osteogenic differentiation of dental follicle stem cells. 2012 , 9, 480-7		53
119	Periodontal regeneration following implantation of cementum and periodontal ligament-derived cells. 2012 , 47, 33-44		52
118	The potential of human fetal mesenchymal stem cells for off-the-shelf bone tissue engineering application. 2012 , 33, 2656-72		122
117	Stem cell-biomaterial interactions for regenerative medicine. 2012 , 30, 338-51		157
116	Current trends in mesenchymal stem cell application in bone augmentation: a review of the literature. 2012 , 70, 972-82		66
115	Histomorphometric and immunohistochemical analysis of human maxillary sinus-floor augmentation using porous β tricalcium phosphate for dental implant treatment. 2013 , 24 Suppl A100, 134-8		10

114	The osteoarthritic niche and modulation of skeletal stem cell function for regenerative medicine. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013 , 7, 589-608	4.4	2
113	Bone regeneration with a combination of nanocrystalline hydroxyapatite silica gel, platelet-rich growth factor, and mesenchymal stem cells: a histologic study in rabbit calvaria. 2013 , 115, e7-15		43
112	The effect of PCL-TCP scaffold loaded with mesenchymal stem cells on vertical bone augmentation in dog mandible: a preliminary report. 2013 , 101, 848-54		53
111	Maxillary sinus augmentation with adult mesenchymal stem cells: a review of the current literature. 2013 , 115, 717-23		12
110	Bone Marrow Mesenchymal Stem Cells. 2013 , 223-239		2
109	Calcium orthophosphates in dentistry. 2013 , 24, 1335-63		105
108	Bone Bioengineering: Scaffolds, Growth Factors, and Stem Cells. 2013 , 339-366		1
107	Evaluation of Allogenic Cellular Bone Graft for Ridge Augmentation: A Case Report. 2013 , 3, 159-165		3
106	Mesenchymal stem cells in oral reconstructive surgery: a systematic review of the literature. 2013 , 40, 693-706		19
105	Human maxillary sinus floor elevation as a model for bone regeneration enabling the application of one-step surgical procedures. <i>Tissue Engineering - Part B: Reviews</i> , 2013 , 19, 69-82	7.9	31
104	Mesenchymal Stem Cells. 2013 , 513-527		
103	Mesenchymal stem cells and the treatment of conditions and diseases: the less glittering side of a conspicuous stem cell for basic research. 2013 , 22, 193-203		42
102	Vertical bone augmentation with simultaneous implant placement using particulate mineralized bone and mesenchymal stem cells: a preliminary study in rabbit. 2013 , 39, 3-13		28
101	Analysis of the karyotype of expanded human adipose-derived stem cells for bone reconstruction of the maxillo-facial region. 2013 , 26, 3-9		9
100	Determining a clinically relevant strategy for bone tissue engineering: an "all-in-one" study in nude mice. 2013 , 8, e81599		11
99	Bone integration behavior of hydroxyapatite/Ericalcium phosphate graft implanted in dental alveoli: a histomorphometric and scanning electron microscopy study. 2014 , 23, 710-5		8
98	Update on mandibular reconstruction: computer-aided design, imaging, stem cells and future applications. 2014 , 22, 307-15		16
97	In vitro biocompatibility analysis of novel nano-biphasic calcium phosphate scaffolds in different composition ratios. 2014 , 102, 52-61		22

96	Ion-exchange polymer nanofibers for enhanced osteogenic differentiation of stem cells and ectopic bone formation. 2014 , 6, 72-82		25
95	The osteoregenerative effects of platelet-derived growth factor BB cotransplanted with mesenchymal stem cells, loaded on freeze-dried mineral bone block: a pilot study in dog mandible. 2014 , 102, 1771-8		20
94	Impact of autogenous concentrated bone marrow aspirate on bone regeneration after sinus floor augmentation with a bovine bone substitute--a split-mouth pilot study. 2014 , 25, 1175-81		28
93	Concise review: cell-based strategies in bone tissue engineering and regenerative medicine. 2014 , 3, 98-107		117
92	Osteogenically differentiated mesenchymal stem cells and ceramics for bone tissue engineering. 2014 , 14, 197-208		15
91	Bone regeneration using coculture of mesenchymal stem cells and angiogenic cells. 2014 , 8, 32-38		2
90	Standard operating procedure for the good manufacturing practice-compliant production of human bone marrow mesenchymal stem cells. 2015 , 1283, 171-86		7
89	Multipotent mesenchymal stromal cells in otorhinolaryngology. 2014 , 82, 769-73		4
88	Zellbasierte regenerative Therapien in der Mund-, Kiefer- und Gesichtschirurgie. 2015 , 112, 284-287		
87	Stem cells for reutilization in bone regeneration. 2015 , 116, 487-93		7
86	Autologous bone marrow-derived mononuclear cells combined with β TCP for maxillary bone augmentation in implantation procedures. <i>Journal of Craniofacial Surgery</i> , 2012 , 23, 1728-32	1.2	5
85	Polymeric vs hydroxyapatite-based scaffolds on dental pulp stem cell proliferation and differentiation. 2015 , 7, 1215-21		22
84	Prospective 3D Assessment of CORAGRAF and Bio-Oss as Bone Substitutes in Maxillary Sinus Augmentation for Implant Placement. 2015 , 24, 43-48		2
83	Smart scaffolds in bone tissue engineering: A systematic review of literature. 2015 , 7, 657-68		93
82	Clinical Application of Mesenchymal Stem Cells and Novel Supportive Therapies for Oral Bone Regeneration. <i>BioMed Research International</i> , 2015 , 2015, 341327	3	51
81	Mesenchymal stem cells in maxillary sinus augmentation: A systematic review with meta-analysis. 2015 , 7, 976-91		11
80	Effect of the Schneiderian membrane on the formation of bone after lifting the floor of the maxillary sinus: an experimental study in dogs. 2015 , 53, 607-12		25
79	Bone Engineering of Maxillary Sinus Bone Deficiencies Using Enriched CD90+ Stem Cell Therapy: A Randomized Clinical Trial. 2015 , 30, 1206-16		58

78	Regenerative medicine in the treatment of alveolar cleft defect: A systematic review of the literature. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015 , 43, 1608-13	3.6	31
77	Tissue Engineering and Regenerative Medicine in Iran: Current State of Research and Future Outlook. 2015 , 57, 589-605		10
76	Increased In Vitro Osteopotential in SHED Associated with Higher IGF2 Expression When Compared with hASCs. 2015 , 11, 635-44		11
75	Stem Cell Therapy: Current Applications and Potential for Urology. 2015 , 16, 77		7
74	Direct comparison of current cell-based and cell-free approaches towards the repair of craniofacial bone defects - A preclinical study. 2015 , 26, 306-17		12
73	Clinical applications of cell-based approaches in alveolar bone augmentation: a systematic review. <i>Clinical Implant Dentistry and Related Research</i> , 2015 , 17 Suppl 1, e17-34	3.9	17
72	Considerations on Designing Scaffold for Tissue Engineering. 2015 , 133-148		8
71	Tissue Engineering Craniofacial Bone Products. 2015 , 521-539		1
70	Direct and indirect effects of a combination of adipose-derived stem cells and platelet-rich plasma on bone regeneration. 2015 , 21, 895-905		49
69	Development of PLGA-coated β TCP scaffolds containing VEGF for bone tissue engineering. 2016 , 69, 780-8		84
68	High-Resolution Three-Dimensional Computed Tomography Analysis of the Clinical Efficacy of Cultured Autogenous Periosteal Cells in Sinus Lift Bone Grafting. <i>Clinical Implant Dentistry and Related Research</i> , 2016 , 18, 707-16	3.9	9
67	Bone Marrow Stromal Stem Cells for Bone Repair: Basic and Translational Aspects. <i>Pancreatic Islet Biology</i> , 2016 , 213-232	0.4	4
66	Vertical Alveolar Ridge Augmentation with Autogenous Block Grafts in Implant Dentistry. 2016 , 245-272		0
65	Hydroxyapatite Past, Present, and Future in Bone Regeneration. 2016 , 7, BTRI.S36138		105
64	Regenerative Engineering in Maxillofacial Reconstruction. 2016 , 2, 55-68		1
63	Application of buccal fat pad-derived stem cells in combination with autogenous iliac bone graft in the treatment of maxillomandibular atrophy: a preliminary human study. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2016 , 45, 864-71	2.9	25
62	Stem cells, growth factors and scaffolds in craniofacial regenerative medicine. 2016 , 3, 56-71		66
61	Polymeric scaffolds in tissue engineering: a literature review. 2017 , 105, 431-459		163

60	Response of human bone marrow-derived MSCs on triphasic Ca-P substrate with various HA/TCP ratio. 2017 , 105, 72-80		14
59	Application of selected scaffolds for bone tissue engineering: a systematic review. 2017 , 21, 109-129		50
58	Autologous Bone Marrow-Derived Mononuclear Cells Combined With β -TCP for Maxillary Bone Augmentation in Implantation Procedures. <i>Journal of Craniofacial Surgery</i> , 2017 , 28, 1982-1987	1.2	2
57	Biphasic calcium phosphates bioceramics (HA/TCP): Concept, physicochemical properties and the impact of standardization of study protocols in biomaterials research. 2017 , 71, 1293-1312		133
56	Endochondral Priming: A Developmental Engineering Strategy for Bone Tissue Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2017 , 23, 128-141	7.9	23
55	Tissue Engineering for Vertical Ridge Reconstruction. 2017 , 29, 27-49		3
54	The Robust Potential of Mesenchymal Stem Cell-Loaded Constructs for Hard Tissue Regeneration After Cancer Removal. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1084, 17-43	3.6	1
53	Bioactive glasses and calcium phosphates. 2017 , 7-24		3
52	Impact of Tissue Harvesting Sites on the Cellular Behaviors of Adipose-Derived Stem Cells: Implication for Bone Tissue Engineering. 2017 , 2017, 2156478		19
51	Lateral Ramus Cortical Bone Plate in Alveolar Cleft Osteoplasty with Concomitant Use of Buccal Fat Pad Derived Cells and Autogenous Bone: Phase I Clinical Trial. <i>BioMed Research International</i> , 2017 , 2017, 6560234	3	24
50	Periodontal and peri-implant hard tissue regeneration. 2017 , 405-428		3
49	Venous Blood Derivatives as FBS-Substitutes for Mesenchymal Stem Cells: A Systematic Scoping Review. <i>Brazilian Dental Journal</i> , 2017 , 28, 657-668	1.9	3
48	Cranial reconstruction using allogeneic mesenchymal stromal cells: A phase 1 first-in-human trial. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, 341-348	4.4	10
47	CD105 is regulated by hsa-miR-1287 and its expression is inversely correlated with osteopotential in SHED. <i>Bone</i> , 2018 , 106, 112-120	4.7	12
46	Bioactivation of Calcium Phosphate Cement by Growth Factors and Their Applications. <i>Springer Series in Biomaterials Science and Engineering</i> , 2018 , 257-298	0.6	1
45	Advanced Therapy Medicinal Products: A Guide for Bone Marrow-derived MSC Application in Bone and Cartilage Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2018 , 24, 155-169	7.9	39
44	The applications of regenerative medicine in sinus lift procedures: A systematic review. <i>Clinical Implant Dentistry and Related Research</i> , 2018 , 20, 229-242	3.9	8
43	Gene Therapy for Bone Repair Using Human Cells: Superior Osteogenic Potential of Bone Morphogenetic Protein 2-Transduced Mesenchymal Stem Cells Derived from Adipose Tissue Compared to Bone Marrow. <i>Human Gene Therapy</i> , 2018 , 29, 507-519	4.8	23

42	Scaffolds for maxillary sinus augmentation. 2019 , 369-386		1
41	Calcium orthophosphates as a dental regenerative material. 2019 , 377-452		2
40	Improved bone regeneration through amniotic membrane loaded with buccal fat pad-derived MSCs as an adjuvant in maxillomandibular reconstruction. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019 , 47, 1266-1273	3.6	10
39	Orientation control for a-axis or c-axis oriented crystal films of hydroxyapatite, and a possible growth mechanism derived from X-ray diffraction. <i>Applied Surface Science</i> , 2019 , 484, 433-440	6.7	5
38	Cellular therapy in periodontal regeneration. <i>Periodontology 2000</i> , 2019 , 79, 107-116	12.9	41
37	Bone, Periodontal and Dental Pulp Regeneration in Dentistry: A Systematic Scoping Review. <i>Brazilian Dental Journal</i> , 2019 , 30, 77-95	1.9	13
36	Efficacy of stem cells in maxillary sinus floor augmentation: systematic review and meta-analysis. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2019 , 48, 1355-1366	2.9	5
35	Cell therapy for orofacial bone regeneration: A systematic review and meta-analysis. <i>Journal of Clinical Periodontology</i> , 2019 , 46 Suppl 21, 162-182	7.7	24
34	Evaluation of the Osteogenic Potential of Different Scaffolds Embedded with Human Stem Cells Originated from Schneiderian Membrane: An Study. <i>BioMed Research International</i> , 2019 , 2019, 2868673 ³		11
33	Hsa_circRNA_33287 promotes the osteogenic differentiation of maxillary sinus membrane stem cells via miR-214-3p/Runx3. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1709-1717	7.5	44
32	Cell-based therapies in bone regeneration. 2020 , 217-250		
31	Tissue engineering strategies for the treatment of skeletal maxillofacial defects resulting from neoplasms resections. 2020 , 697-730		
30	Usage of stem cells in oral and maxillofacial region. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2021 , 122, 441-452	1.7	0
29	Promoting Osseointegration of Dental Implants in Dog Maxillary Sinus Floor Augmentation Using Dentin Matrix Protein 1-Transduced Bone Marrow Stem Cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2020 , 17, 705-715	4.5	0
28	Clinical Efficacy of Mesenchymal Stem Cells in Bone Regeneration in Oral Implantology. Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
27	Regeneration for Implant Dentistry. 2021 , 133-150		0
26	Regenerative Approaches in Oral and Maxillofacial Surgery. 2021 , 171-196		
25	Achievements and Challenges in Transplantation of Mesenchymal Stem Cells in Otorhinolaryngology. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2

24	Principles, Applications, and Technology of Craniofacial Bone Engineering. 183-234		1
23	Potential Use of Dental Stem Cells for Craniofacial Tissue Regeneration. <i>Pancreatic Islet Biology</i> , 2013 , 105-124	0.4	2
22	Ingéierie tissulaire osseuse en chirurgie buccale et maxillo-faciale : applications cliniques. <i>Medecine Buccale Chirurgie Buccale</i> , 2010 , 16, 227-237		1
21	Adult stem cell therapy for periodontal disease. <i>International Journal of Stem Cells</i> , 2010 , 3, 16-21	3	7
20	Tissue Engineering: Challenges and Selected Application. <i>Advances in Tissue Engineering & Regenerative Medicine Open Access</i> , 2017 , 3,	2	2
19	Status of tissue engineering and regenerative medicine in Iran and related advanced tools: Bioreactors and scaffolds. <i>Journal of Biomedical Science and Engineering</i> , 2012 , 05, 217-227	0.7	2
18	Application of mesenchymal stem cells in bone regenerative procedures in oral implantology. A literature review. <i>Journal of Clinical and Experimental Dentistry</i> , 2014 , 6, e60-5	1.4	8
17	Stem cells and oral surgery: A systematic review. <i>Journal of Clinical and Experimental Dentistry</i> , 2019 , 11, e1181-e1189	1.4	2
16	Transforming the Degradation Rate of Tricalcium Phosphate Bone Replacement Using 3-Dimensional Printing. <i>Annals of Plastic Surgery</i> , 2021 , 87, e153-e162	1.7	3
15	MSCs in Reconstructive Surgery. 2013 , 639-653		
14	Clinical Orthobiologic Approach to Failure or Delay in Bone Healing. 2017 , 449-459		
13	Autologous Osteoblast-cell Therapy in Orthodontics and Implantology: A Single-center Experience of Nine Patients. <i>International Journal of Oral Implantology and Clinical Research</i> , 2018 , 9, 55-59		
12	Histomorphometric Comparison of New Bone Formed After Maxillary Sinus Lift With Lateral and Crestal Approaches Using Periosteal Mesenchymal Stem Cells and Beta-Tricalcium Phosphate. <i>Journal of Craniofacial Surgery</i> , 2021 , Publish Ahead of Print,	1.2	1
11	Craniofacial Bone Tissue Engineering: Current Approaches and Potential Therapy. <i>Cells</i> , 2021 , 10,	7.9	2
10	In vitro evaluation of isolation possibility of stem cells from intra oral soft tissue and comparison of them with bone marrow stem cells. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2012 , 9, 1-6		3
9	Current applications of mesenchymal stem cells for tissue replacement in otolaryngology-head and neck surgery. <i>American Journal of Stem Cells</i> , 2012 , 1, 225-38	2.4	8
8	The emerging role of mesenchymal stem cells in tissue engineering. <i>International Journal of Hematology-Oncology and Stem Cell Research</i> , 2013 , 7, 46-7	0.5	7
7	Fabrication and clinical application of easy-to-operate pre-cured CPC/rhBMP-2 micro-scaffolds for bone regeneration. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 1379-96	3	4

- 6 Reconstructing jaw defects with MSCs and PLGA-encapsulated growth factors. *American Journal of Translational Research (discontinued)*, **2016**, 8, 2693-704 3 10
- 5 Bone Using Stem Cells for Maxillofacial Bone Disorders: A Systematic Review and Meta-analysis.. *Advances in Experimental Medicine and Biology*, **2022**, 1 3.6
- 4 Tissue Engineering Alveolar Bone. **2010**, 19-81
- 3 Autogenous Block Bone Graft for Horizontal Ridge Augmentation in Implant Dentistry. **2022**, 195-207 0
- 2 Autogenous Block Bone Graft for (Mainly) Vertical Ridge Augmentation in Implant Dentistry. **2022**, 325-341 0
- 1 Evaluation of the regenerative capacity of stem cells combined with bone graft material and collagen matrix using a rabbit calvarial defect model. 53, 0