Stem cells and the dental pulp: potential roles in dentin

Oral Diseases

13, 151-157

DOI: 10.1111/j.1601-0825.2006.01346.x

Citation Report

#	Article	IF	CITATIONS
2	The proliferating field of neural crest stem cells. Developmental Dynamics, 2007, 236, 3242-3254.	0.8	89
3	Somatic stem cells for regenerative dentistry. Clinical Oral Investigations, 2008, 12, 113-118.	1.4	136
4	Effects of FGF2 and TGF \hat{l}^2 (sub>1 on the differentiation of human dental pulp stem cells <i>in vitro</i> . Cell Biology International, 2008, 32, 827-834.	1.4	121
5	Isolation and characterization of dental pulp stem cells from a supernumerary tooth. Journal of Oral Pathology and Medicine, 2008, 37, 571-574.	1.4	110
6	Effect of ischemic culture conditions on the survival and differentiation of porcine dental pulp-derived cells. Differentiation, 2008, 76, 981-993.	1.0	46
7	Human CD34 ⁺ stem cells produce bone nodules <i>in vivo</i> . Cell Proliferation, 2008, 41, 1-11.	2.4	133
8	Evaluation of a new laboratory model for pulp healing: preliminary study. International Endodontic Journal, 2008, 41, 781-790.	2.3	58
9	Dentin nonâ€collagenous proteins (dNCPs) can stimulate dental follicle cells to differentiate into cementoblast lineages. Biology of the Cell, 2008, 100, 291-302.	0.7	43
10	Human Dental Pulp Stem Cells Differentiate into Neural Crest-Derived Melanocytes and Have Label-Retaining and Sphere-Forming Abilities. Stem Cells and Development, 2008, 17, 1175-1184.	1.1	147
11	Regeneration Potential of the Young Permanent Tooth: What Does the Future Hold?. Journal of Endodontics, 2008, 34, S51-S56.	1.4	261
12	Dental Pulp Tissue Engineering with Stem Cells from Exfoliated Deciduous Teeth. Journal of Endodontics, 2008, 34, 962-969.	1.4	566
13	Differentially Expressed Protein Profile of Human Dental Pulp Cells in the Early Process of Odontoblast-like Differentiation In Vitro. Journal of Endodontics, 2008, 34, 1077-1084.	1.4	36
14	Dental Tissue â€" New Source for Stem Cells. Scientific World Journal, The, 2009, 9, 1167-1177.	0.8	28
15	N-Acetyl cysteine restores viability and function of rat odontoblast-like cells impaired by polymethylmethacrylate dental resin extract. Redox Report, 2009, 14, 13-22.	1.4	27
16	Applications of Microscale Technologies for Regenerative Dentistry. Journal of Dental Research, 2009, 88, 409-421.	2.5	36
17	VEGF and odontoblast-like cells: Stimulation by low frequency ultrasound. Archives of Oral Biology, 2009, 54, 185-191.	0.8	52
18	Phenotype and behaviour of dental pulp cells during expansion culture. Archives of Oral Biology, 2009, 54, 898-908.	0.8	70
19	Dental pulp stem cells: what, where, how?. International Journal of Paediatric Dentistry, 2009, 19, 61-70.	1.0	128

#	ARTICLE	IF	Citations
20	Isolation and Characterization of Human Dental Pulp Stem/Stromal Cells From Nonextracted Crown-fractured Teeth Requiring Root Canal Therapy. Journal of Endodontics, 2009, 35, 673-681.	1.4	52
21	Bionic restorative system: Its potential value in caries therapy. Medical Hypotheses, 2009, 73, 60-61.	0.8	0
22	Therapeutic ultrasound for dental tissue repair. Medical Hypotheses, 2009, 73, 591-593.	0.8	29
23	TNF- $\hat{l}\pm$ Promotes an Odontoblastic Phenotype in Dental Pulp Cells. Journal of Dental Research, 2009, 88, 339-344.	2.5	144
24	Mesenchymal Stem Cells and Tooth Engineering. International Journal of Oral Science, 2009, 1, 6-12.	3.6	72
25	Mapping of BrdU label-retaining dental pulp cells in growing teeth and their regenerative capacity after injuries. Histochemistry and Cell Biology, 2010, 134, 227-241.	0.8	50
26	The odontogenic differentiation of human dental pulp stem cells on nanofibrous poly(I-lactic acid) scaffolds in vitro and in vivo. Acta Biomaterialia, 2010, 6, 3856-3863.	4.1	145
27	Dental pulp fibroblasts express neuropeptide Y Y1 receptor but not neuropeptide Y. International Endodontic Journal, 2010, 43, 835-842.	2.3	10
28	Stem Cell-Based Dental Tissue Engineering. Scientific World Journal, The, 2010, 10, 901-916.	0.8	9
29	Regenerative Dentistry. Synthesis Lectures on Tissue Engineering, 2010, 2, 1-178.	0.3	2
30	Periodontal Tissue Engineering and Regeneration: Current Approaches and Expanding Opportunities. Tissue Engineering - Part B: Reviews, 2010, 16, 219-255.	2.5	277
31	Adrenomedullin is expressed during rodent dental tissue development and promotes cell growth and mineralization. Biology of the Cell, 2010, 102, 145-157.	0.7	36
32	Side Population Increase after Simulated Transient Ischemia in Human Dental Pulp Cell. Journal of Endodontics, 2010, 36, 453-458.	1.4	36
33	Effects of Morphogen and Scaffold Porogen on the Differentiation of Dental Pulp Stem Cells. Journal of Endodontics, 2010, 36, 1805-1811.	1.4	118
34	Expression of Erythropoietin and Erythropoietin Receptor in Human Dental Pulp. Journal of Endodontics, 2010, 36, 1972-1977.	1.4	12
35	Inflammation–regeneration interplay in the dentine–pulp complex. Journal of Dentistry, 2010, 38, 687-697.	1.7	292
36	Characterization of stem and progenitor cells in the dental pulp of erupted and unerupted murine molars. Bone, 2010, 46, 1639-1651.	1.4	80
37	Identification of cells at early and late stages of polarization during odontoblast differentiation using pOBCol3.6GFP and pOBCol2.3GFP transgenic mice. Bone, 2010, 47, 948-958.	1.4	30

#	Article	IF	CITATIONS
38	Cytotoxicity of mineral trioxide aggregate (MTA) and bone morphogenetic protein 2 (BMP-2) and response of rat pulp to MTA and BMP-2. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e103-e108.	1.6	26
39	Regeneration of Dental-Pulp-like Tissue by Chemotaxis-Induced Cell Homing. Tissue Engineering - Part A, 2010, 16, 3023-3031.	1.6	295
40	SHED Differentiate into Functional Odontoblasts and Endothelium. Journal of Dental Research, 2010, 89, 791-796.	2.5	367
41	Tooth Slice/Scaffold Model of Dental Pulp Tissue Engineering. Advances in Dental Research, 2011, 23, 325-332.	3. 6	79
42	Induced Migration of Dental Pulp Stem Cells for in vivo Pulp Regeneration. Journal of Dental Research, 2011, 90, 1013-1018.	2.5	165
43	Tooth regeneration: a revolution in stomatology and evolution in regenerative medicine. International Journal of Oral Science, 2011, 3, 107-116.	3.6	66
44	Identification of secretory odontoblasts using DMP1-GFP transgenic mice. Bone, 2011, 48, 927-937.	1.4	30
45	Expression of Matrilin-2 and -4 in Human Dental Pulps during Dentin-Pulp Complex Wound Healing. Journal of Endodontics, 2011, 37, 642-649.	1.4	5
46	Effects of Heat Stress and Starvation on Clonal Odontoblast-like Cells. Journal of Endodontics, 2011, 37, 955-961.	1.4	14
47	Strategies to manage permanent non-vital teeth with open apices: a clinical update. International Dental Journal, 2011, 61, 25-30.	1.0	22
48	Pulp tissue from primary teeth: new source of stem cells. Journal of Applied Oral Science, 2011, 19, 189-194.	0.7	38
49	Isolation and Characterization of Neural Crest-Derived Stem Cells from Dental Pulp of Neonatal Mice. PLoS ONE, 2011, 6, e27526.	1.1	126
50	Dental pulp stem cells: osteogenic differentiation and gene expression. Annals of the New York Academy of Sciences, 2011, 1237, 47-52.	1.8	82
51	Swine Dental Pulp Stem Cells Inhibit T-Cell Proliferation. Transplantation Proceedings, 2011, 43, 3955-3959.	0.3	17
52	Dentinogenic capacity: immature root papilla stem cells versus mature root pulp stem cells. Biology of the Cell, 2011, 103, 185-196.	0.7	30
53	The effect of scaffold architecture on odontogenic differentiation of human dental pulp stem cells. Biomaterials, 2011, 32, 7822-7830.	5.7	155
54	Biological approaches toward dental pulp regeneration by tissue engineering. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, e1-e16.	1.3	66
55	Biomaterials Selection for Dental Pulp Regeneration. , 2011, , 245-254.		1

#	Article	IF	CITATIONS
56	TWIST1 Promotes the Odontoblast-like Differentiation of Dental Stem Cells. Advances in Dental Research, 2011, 23, 280-284.	3.6	37
57	Tooth regeneration: current status. , 2011, , 363-373.		0
58	Redefining the potential applications of dental stem cells: An asset for future. Indian Journal of Human Genetics, 2012, 18, 276.	0.7	7
59	A feasibility study for the analysis of reparative dentinogenesis in pOBCol3.6GFPtpz transgenic mice. International Endodontic Journal, 2012, 45, 907-914.	2.3	12
60	Regenerative Therapy. Dental Clinics of North America, 2012, 56, 537-547.	0.8	14
61	In vitro comparative analysis of cryopreservation of undifferentiated mesenchymal cells derived from human periodontal ligament. Cell and Tissue Banking, 2012, 13, 461-469.	0.5	24
62	Effects of Growth Factors on Dental Stem/Progenitor Cells. Dental Clinics of North America, 2012, 56, 563-575.	0.8	80
63	Pulpal and Periradicular Response to Caries. Dental Clinics of North America, 2012, 56, 521-536.	0.8	15
64	Harnessing the Natural Regenerative Potential of the Dental Pulp. Dental Clinics of North America, 2012, 56, 589-601.	0.8	36
65	The Role of SIRT1 on Angiogenic and Odontogenic Potential in Human Dental Pulp Cells. Journal of Endodontics, 2012, 38, 899-906.	1.4	43
66	The enhancement of osteogenesis through the use of dental pulp pluripotent stem cells in 3D. Bone, 2012, 50, 930-941.	1.4	42
67	Dental Pulp of the Third Molar: A New Source of Pluripotent-like Stem Cells. Journal of Cell Science, 2012, 125, 3343-56.	1.2	102
68	Expression Pattern of Basal Markers in Human Dental Pulp Stem Cells and Tissue. Cells Tissues Organs, 2012, 196, 490-500.	1.3	71
69	Analysis of the Contribution of Nonresident Progenitor Cells and Hematopoietic Cells to Reparative Dentinogenesis Using Parabiosis Model in Mice. Journal of Endodontics, 2012, 38, 1214-1219.	1.4	18
70	Differentiation and characteristics of undifferentiated mesenchymal stem cells originating from adult premolar periodontal ligaments. Korean Journal of Orthodontics, 2012, 42, 307.	0.8	18
71	The Role of Chemokines and Cytokines in the Pathogenesis of Periodontal and Periapical Lesions: Current Concepts., 0,,.		2
72	Odontoblast-targeted Bcl-2 overexpression promotes dentine damage repair. Archives of Oral Biology, 2012, 57, 285-292.	0.8	4
73	Oxidative stress and cytotoxicity generated by dental composites in human pulp cells. Clinical Oral Investigations, 2012, 16, 215-224.	1.4	87

#	Article	IF	Citations
74	Molecular mediators of pulp inflammation and regeneration. Endodontic Topics, 2013, 28, 90-105.	0.5	25
75	Dental stem cells and their promising role in neural regeneration: an update. Clinical Oral Investigations, 2013, 17, 1969-1983.	1.4	87
76	Fluocinolone Acetonide Promotes the Proliferation and Mineralization of Dental Pulp Cells. Journal of Endodontics, 2013, 39, 217-222.	1.4	12
77	Butein protects human dental pulp cells from hydrogen peroxide-induced oxidative toxicity via Nrf2 pathway-dependent heme oxygenase-1 expressions. Toxicology in Vitro, 2013, 27, 874-881.	1.1	31
78	A hydrogel scaffold that maintains viability and supports differentiation of dental pulp stem cells. Dental Materials, 2013, 29, 97-102.	1.6	146
79	Human Dental Pulp Facilitates Bone Regeneration in a Rat Bone Defect Model. Bone and Tissue Regeneration Insights, 2013, 4, BTRI.S10687.	3.0	12
80	Dental Stem Cells and their Applications in Dental Tissue Engineering. Open Dentistry Journal, 2013, 7, 76-81.	0.2	44
81	Dentin–pulp tissue engineering and regeneration. , 0, , 570-582.		1
82	\hat{l}^2 -Catenin Enhances Odontoblastic Differentiation of Dental Pulp Cells through Activation of Runx2. PLoS ONE, 2014, 9, e88890.	1.1	82
83	Regeneration of the Living Pulp. , 2014, , 237-250.		1
84	Insulin-Like Growth Factor 1 Receptor and p38 Mitogen-Activated Protein Kinase Signals Inversely Regulate Signal Transducer and Activator of Transcription 3 Activity to Control Human Dental Pulp Stem Cell Quiescence, Propagation, and Differentiation. Stem Cells and Development, 2014, 23, 839-851.	1.1	33
85	Scaffolds to Control Inflammation and Facilitate Dental Pulp Regeneration. Journal of Endodontics, 2014, 40, S6-S12.	1.4	63
86	The effect of <scp>TRPM</scp> 7 suppression on the proliferation, migration and osteogenic differentiation of human dental pulp stem cells. International Endodontic Journal, 2014, 47, 583-593.	2.3	27
87	Expression Features of DNA Methylcytosine Dioxygenase Ten-eleven Translocation 1 in Human Dental Pulp Cells. Journal of Endodontics, 2014, 40, 1791-1795.	1.4	10
88	The Role of PIN1 on Odontogenic and Adipogenic Differentiation in Human Dental Pulp Stem Cells. Stem Cells and Development, 2014, 23, 618-630.	1.1	38
89	Transplantation and tissue regeneration. , 2014, , 774-783.		0
90	The Dental Pulp., 2014,,.		20
91	The effects of LPS on adhesion and migration of human dental pulp stem cells in vitro. Journal of Dentistry, 2014, 42, 1327-1334.	1.7	43

#	ARTICLE	IF	CITATIONS
92	The Effect of SIRT6 on the Odontoblastic Potential of Human Dental Pulp Cells. Journal of Endodontics, 2014, 40, 393-398.	1.4	14
93	Stem cells in dentistry – A review. Indian Journal of Dentistry, 2014, 5, 43-47.	0.6	2
94	Promotion of dentin regeneration via CCN3 modulation on Notch and BMP signaling pathways. Biomaterials, 2014, 35, 2720-2729.	5.7	34
95	The role of <scp>SDF</scp> â€1 and <scp>CXCR</scp> 4 on odontoblastic differentiation in human dental pulp cells. International Endodontic Journal, 2014, 47, 534-541.	2.3	23
96	Effects of Glutamine on Proliferation, Migration, and Differentiation of Human Dental Pulp Cells. Journal of Endodontics, 2014, 40, 1087-1094.	1.4	21
97	Gross, computed tomographic and histological findings in mandibular cheek teeth extracted from horses with clinical signs of pulpitis due to apical infection. Equine Veterinary Journal, 2015, 47, 557-567.	0.9	18
99	Elucidating the cellular actions of demineralised dentine matrix extract on a clonal dental pulp stem cell population in orchestrating dental tissue repair. Journal of Tissue Engineering, 2015, 6, 204173141558631.	2.3	29
100	Isolation, expansion and differentiation of cellular progenitors obtained from dental pulp of agouti (Dasyprocta prymnolopha Wagler, 1831). Pesquisa Veterinaria Brasileira, 2015, 35, 590-598.	0.5	5
101	Biomineralization on enzymatically cross-linked gelatin hydrogels in the absence of dexamethasone. Journal of Materials Chemistry B, 2015, 3, 5210-5219.	2.9	23
102	A 3D <i>ex vivo</i> mandible slice system for longitudinal culturing of transplanted dental pulp progenitor cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 921-928.	1.1	7
103	Extracellular Ca ²⁺ Promotes Odontoblastic Differentiation of Dental Pulp Stem Cells via BMP2â€Mediated Smad1/5/8 and Erk1/2 Pathways. Journal of Cellular Physiology, 2015, 230, 2164-2173.	2.0	41
104	Expression and Function of the Actin-severing Protein Adseverin in the Proliferation, Migration, and Differentiation of Dental Pulp Cells. Journal of Endodontics, 2015, 41, 493-500.	1.4	10
105	Effect of 5-Aza-2′-deoxycytidine on Odontogenic Differentiation of Human Dental Pulp Cells. Journal of Endodontics, 2015, 41, 640-645.	1.4	51
106	Potential dental pulp revascularization and odonto-losteogenic capacity of a novel transplant combined with dental pulp stem cells and platelet-rich fibrin. Cell and Tissue Research, 2015, 361, 439-455.	1.5	67
107	Effects of Sodium Tri- and Hexametaphosphate on Proliferation, Differentiation, and Angiogenic Potential of Human Dental Pulp Cells. Journal of Endodontics, 2015, 41, 896-902.	1.4	7
108	Bone morphogenetic protein 2-induced human dental pulp cell differentiation involves p38 mitogen-activated protein kinase-activated canonical WNT pathway. International Journal of Oral Science, 2015, 7, 95-102.	3.6	49
109	Rosiglitazone Inhibits Proliferation and Induces Osteopontin Gene Expression in Human Dental Pulp Cells. Journal of Endodontics, 2015, 41, 1486-1491.	1.4	6
110	Viscoelastic Properties of Dental Pulp Tissue and Ramifications on Biomaterial Development for Pulp Regeneration. Journal of Endodontics, 2015, 41, 1711-1717.	1.4	26

#	ARTICLE	IF	CITATIONS
111	Effect of low-level laser irradiation on proliferation and viability of human dental pulp stem cells. Lasers in Medical Science, 2015, 30, 2259-2264.	1.0	55
112	Dental pulp stem cells: function, isolation and applications in regenerative medicine. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 1205-1216.	1.3	247
113	Tissue Engineering Strategies for Endodontic Regeneration. , 2015, , 419-430.		4
114	Similar in vitro effects and pulp regeneration in ectopic tooth transplantation by basic fibroblast growth factor and granulocyteâ€colony stimulating factor. Oral Diseases, 2015, 21, 113-122.	1.5	52
115	Protection de la pulpe et préservation de la maturation de la dent. , 2016, , 22-39.		0
116	Perivascular Stem Cells at the Tip of Mouse Incisors Regulate Tissue Regeneration. Journal of Bone and Mineral Research, 2016, 31, 514-523.	3.1	37
117	Dental mesenchymal stem cells. Development (Cambridge), 2016, 143, 2273-2280.	1.2	252
118	Characterization of Human Dental Pulp Tissue Under Oscillatory Shear and Compression. Journal of Biomechanical Engineering, 2016, 138, 061006.	0.6	12
119	Attachment and growth of dental pulp stem cells on dentin in presence of extra calcium. Archives of Oral Biology, 2016, 68, 131-141.	0.8	8
120	Baicalein Promotes Angiogenesis and Odontoblastic Differentiation via the BMP and Wnt Pathways in Human Dental Pulp Cells. The American Journal of Chinese Medicine, 2016, 44, 1457-1472.	1.5	21
121	Effect of an Experimental Direct Pulp-capping Material on the Properties and Osteogenic Differentiation of Human Dental Pulp Stem Cells. Scientific Reports, 2016, 6, 34713.	1.6	28
122	Growth Factor Liberation and DPSC Response Following Dentine Conditioning. Journal of Dental Research, 2016, 95, 1298-1307.	2.5	47
123	Orthodontic treatment mediates dental pulp microenvironment via IL17A. Archives of Oral Biology, 2016, 66, 22-29.	0.8	15
124	Expression of KLF5 in odontoblastic differentiation of dental pulp cells during <i>inÂvitro</i> odontoblastic induction and <i>inÂvivo</i> dental repair. International Endodontic Journal, 2017, 50, 676-684.	2.3	13
125	TNF-alpha stimulation increases dental pulp stem cell migration in vitro through integrin alpha-6 subunit upregulation. Archives of Oral Biology, 2017, 75, 48-54.	0.8	12
126	Longitudinal Cohort Study of Regenerative Endodontic Treatment for Immature Necrotic Permanent Teeth. Journal of Endodontics, 2017, 43, 395-400.	1.4	57
127	Effect of Platelet-rich Fibrin on Odontoblastic Differentiation in Human Dental Pulp Cells Exposed to Lipopolysaccharide. Journal of Endodontics, 2017, 43, 433-438.	1.4	20
128	Role of Protein Phosphatase 1 in Angiogenesis and Odontoblastic Differentiation of Human Dental Pulp Cells. Journal of Endodontics, 2017, 43, 417-424.	1.4	5

#	Article	IF	CITATIONS
129	Therapeutic potential of dental stem cells. Journal of Tissue Engineering, 2017, 8, 204173141770253.	2.3	125
130	Organ Regeneration Based on Developmental Biology. , 2017, , .		2
131	The Effects of Platelet-Derived Growth Factor-BB on Human Dental Pulp Stem Cells Mediated Dentin-Pulp Complex Regeneration. Stem Cells Translational Medicine, 2017, 6, 2126-2134.	1.6	77
132	TGF- \hat{l}^21 stimulates cyclooxygenase-2 expression and PGE 2 production of human dental pulp cells: Role of ALK5/Smad2 and MEK/ERK signal transduction pathways. Journal of the Formosan Medical Association, 2017, 116, 748-754.	0.8	13
133	6.10 Biomaterials Selection for Dental Pulp Regeneration $\hat{a}^{*}\dagger.$, 2017, , 159-173.		1
134	Axin2-expressing cells differentiate into reparative odontoblasts via autocrine Wnt/ \hat{l}^2 -catenin signaling in response to tooth damage. Scientific Reports, 2017, 7, 3102.	1.6	66
135	αSMA-Expressing Perivascular Cells Represent Dental Pulp Progenitors In Vivo. Journal of Dental Research, 2017, 96, 323-330.	2.5	52
136	Immune Tolerance of Human Dental Pulp-Derived Mesenchymal Stem Cells Mediated by CD4 ⁺ CD25 ⁺ FoxP3 ⁺ Regulatory T-Cells and Induced by TGF-β1 and IL-10. Yonsei Medical Journal, 2017, 58, 1031.	0.9	51
137	NURR1 Downregulation Favors Osteoblastic Differentiation of MSCs. Stem Cells International, 2017, 2017, 1-10.	1.2	19
138	Alcohol Inhibits Odontogenic Differentiation of Human Dental Pulp Cells by Activating mTOR Signaling. Stem Cells International, 2017, 2017, 1-10.	1.2	10
139	Regeneration of Pulp/Dentin-Like Tissue in Immature Necrotic Permanent Dog Teeth Using Adipose Tissue-Derived Mesenchymal Stem Cells. Journal of Oral Hygiene & Health, 2017, 05, .	0.2	0
140	FGF2 Enhances Odontoblast Differentiation by αSMA+ Progenitors In Vivo. Journal of Dental Research, 2018, 97, 1170-1177.	2.5	19
141	Expression and localization of CRAMP in rat tooth germ and during reparative dentin formation. Clinical Oral Investigations, 2018, 22, 2559-2566.	1.4	8
142	A quiescent cell population replenishes mesenchymal stem cells to drive accelerated growth in mouse incisors. Nature Communications, 2018, 9, 378.	5.8	73
143	Liposomal Delivery of Demineralized Dentin Matrix for Dental Tissue Regeneration. Tissue Engineering - Part A, 2018, 24, 1057-1065.	1.6	24
144	Required Time for Migration of Bone Marrow–derived Cells to Dental Pulp after Bone Marrow Transplantation. Journal of Endodontics, 2018, 44, 438-445.	1.4	2
145	miR-675 promotes odontogenic differentiation of human dental pulp cells by epigenetic regulation of DLX3. Experimental Cell Research, 2018, 367, 104-111.	1.2	18
146	Differential mineralization of human dental pulp stem cells on diverse polymers. Biomedizinische Technik, 2018, 63, 261-269.	0.9	8

#	ARTICLE	IF	Citations
147	Stem cells applications in bone and tooth repair and regeneration: New insights, tools, and hopes. Journal of Cellular Physiology, 2018, 233, 1825-1835.	2.0	57
149	Glial cellâ€derived neurotrophic factor promotes dental pulp stem cell migration. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 705-714.	1.3	11
150	Effect of zoledronate, a third-generation bisphosphonate, on proliferation and apoptosis of human dental pulp stem cells. Canadian Journal of Physiology and Pharmacology, 2018, 96, 137-144.	0.7	10
151	Neural derivation of human dental pulp stem cells via neurosphere technique. Bratislava Medical Journal, 2018, 119, 550-553.	0.4	4
152	Long non-coding RNA H19/SAHH axis epigenetically regulates odontogenic differentiation of human dental pulp stem cells. Cellular Signalling, 2018, 52, 65-73.	1.7	37
154	Dental Pulp Stem Cells - Exploration in a Novel Animal Model: the Tasmanian Devil (Sarcophilus) Tj ETQq1 1 0.784	314 rgBT / 5.6	/Qverlock 1
155	Tissue Engineering of Necrotic Dental Pulp of Immature Teeth with Apical Periodontitis in Dogs: Radiographic and Histological Evaluation. Journal of Clinical Pediatric Dentistry, 2018, 42, 373-382.	0.5	28
156	Activation of α <scp>SMA</scp> expressing perivascular cells during reactionary dentinogenesis. International Endodontic Journal, 2019, 52, 68-76.	2.3	6
157	Effects of sclerostin on lipopolysaccharide-induced inflammatory phenotype in human odontoblasts and dental pulp cells. International Journal of Biochemistry and Cell Biology, 2019, 117, 105628.	1.2	6
158	The role of osteomodulin on osteo/odontogenic differentiation in human dental pulp stem cells. BMC Oral Health, 2019, 19, 22.	0.8	17
159	Vacuolar protein sorting 4B regulates the proliferation and odontoblastic differentiation of human dental pulp stem cells through the Wnt-β-catenin signalling pathway. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 2575-2584.	1.9	9
160	The Dental Pulp Stem/Progenitor Cells-Mediated Inflammatory-Regenerative Axis. Tissue Engineering - Part B: Reviews, 2019, 25, 445-460.	2.5	29
161	Stem cells  from exfoliated  deciduous  teeth alleviate hyposalivation caused by Sjögren syndrome. Oral Diseases, 2019, 25, 1530-1544.	1.5	21
162	Lipopolysaccharide upregulates the proliferation, migration, and odontoblastic differentiation of NG2 ⁺ cells from human dental pulp in vitro. Cell Biology International, 2019, 43, 1276-1285.	1.4	12
163	Effects of Nel-like molecule-1 and bone morphogenetic protein 2 combination on rat pulp repair. Journal of Molecular Histology, 2019, 50, 253-261.	1.0	11
164	An efficient induction protocol for deriving mature oligodendrocytes from human dental stem cells. Bratislava Medical Journal, 2019, 120, 86-88.	0.4	2
165	Heparin is biocompatible and can induce differentiation of human dental pulp cells. International Endodontic Journal, 2019, 52, 829-837.	2.3	6
166	Clinical Approaches in Endodontic Regeneration., 2019,,.		5

#	Article	IF	CITATIONS
167	Current and Future Views on Pulpal Tissue Engineering., 2019, , 161-175.		2
168	Pulp response of rats submitted to bleaching and the use of different anti-inflammatory drugs. PLoS ONE, 2019, 14, e0210338.	1.1	17
169	Dentistry: Restorative and Regenerative Approaches. , 2019, , 332-347.		6
170	Polymeric scaffolds for dental pulp tissue engineering: A review. Dental Materials, 2020, 36, e47-e58.	1.6	65
171	Effect of Different Dentin Conditioning Agents on Growth Factor Release, Mesenchymal Stem Cell Attachment and Morphology. Journal of Endodontics, 2020, 46, 200-208.	1.4	22
172	Elevated osteogenic potential of stem cells from inflammatory dental pulp tissues by Wnt4 overexpression for treating bone defect in rats. Annals of Palliative Medicine, 2020, 9, 2962-2969.	0.5	6
173	Genome-wide identification of long noncoding RNAs and their competing endogenous RNA networks involved in the odontogenic differentiation of human dental pulp stem cells. Stem Cell Research and Therapy, 2020, 11, 114.	2.4	25
174	A connectivity mapping approach predicted acetylsalicylic acid (aspirin) to induce osteo/odontogenic differentiation of dental pulp cells. International Endodontic Journal, 2020, 53, 834-845.	2.3	7
175	Contribution of Bone Marrow–derived Cells to Reparative Dentinogenesis Using Bone Marrow Transplantation Model. Journal of Endodontics, 2020, 46, 404-412.	1.4	8
176	The Effect of Mesoporous Bioactive Glass Nanoparticles/Graphene Oxide Composites on the Differentiation and Mineralization of Human Dental Pulp Stem Cells. Nanomaterials, 2020, 10, 620.	1.9	26
177	Unveiling diversity of stem cells in dental pulp and apical papilla using mouse genetic models: a literature review. Cell and Tissue Research, 2021, 383, 603-616.	1.5	12
178	Evaluation of odonto/osteogenic differentiation potential from different regions derived dental tissue stem cells and effect of 17β-estradiol on efficiency. BMC Oral Health, 2021, 21, 15.	0.8	21
179	Phytic Acid: Properties and Potential Applications in Dentistry. Frontiers in Materials, 2021, 8, .	1.2	18
180	Investigation of PPARβ/δ within Human Dental Pulp Cells: A Preliminary In Vitro Study. PPAR Research, 2021, 2021, 1-10.	1.1	1
181	Direct Pulp Capping with Calcium-Based Materials: A Mini-Review. Modern Research in Dentistry, 2021, 6, .	0.1	0
182	Reducing Intervention in the COVID-19 Era: Opportunities for Vital Pulp Treatment. Frontiers in Dental Medicine, $2021, 2, .$	0.5	2
183	Odontoblast death drives cell-rich zone-derived dental tissue regeneration. Bone, 2021, 150, 116010.	1.4	4
184	Dentin-Pulp Complex Tissue Regeneration via Three-Dimensional Cell Sheet Layering. Tissue Engineering - Part C: Methods, 2021, 27, 559-570.	1.1	6

#	Article	IF	CITATIONS
185	The colocalizations of pulp neural stem cells markers with dentin matrix protein-1, dentin sialoprotein and dentin phosphoprotein in human denticle (pulp stone) lining cells. Annals of Anatomy, 2022, 239, 151815.	1.0	6
186	Regenerative Endodontics., 2011,, 602-619.		32
187	Models of ex vivo explant cultures: applications in bone research. BoneKEy Reports, 2016, 5, 818.	2.7	38
188	The self-renewal dental pulp stem cell microtissues challenged by a toxic dental monomer. Bioscience Reports, 2020, 40, .	1.1	5
189	Isolation of Distinct Progenitor Stem Cell Populations from Dental Pulp. Cells Tissues Organs, 2009, 189, 268-274.	1.3	141
190	Concentrated Growth Factor Promotes Dental Pulp Cells Proliferation and Mineralization and Facilitates Recovery of Dental Pulp Tissue. Medical Science Monitor, 2019, 25, 10016-10028.	0.5	21
191	The Role of Thymosin Beta 4 on Odontogenic Differentiation in Human Dental Pulp Cells. PLoS ONE, 2013, 8, e61960.	1.1	34
192	Decreasing NF-κB Expression Enhances Odontoblastic Differentiation and Collagen Expression in Dental Pulp Stem Cells Exposed to Inflammatory Cytokines. PLoS ONE, 2015, 10, e0113334.	1.1	38
193	Ischemic culture of dental pulp-derived cells is a useful model in which to investigate mechanisms of post-ischemic tissue recovery. Histology and Histopathology, 2013, 28, 985-91.	0.5	7
194	Transdifferentiation of Human Dental Pulp Stem Cells Into Oligoprogenitor Cells. Basic and Clinical Neuroscience, 2017, 8, 387-394.	0.3	19
195	Concomitant multipotent and unipotent dental pulp progenitors and their respective contribution to mineralised tissue formation., 2012, 23, 371-386.		32
196	Combined Hydroxyapatite Scaffold and Stem Cell from Human Exfoliated Deciduous Teeth Modulating Alveolar Bone Regeneration via Regulating Receptor Activator of Nuclear Factor-Îsb and Osteoprotegerin System. Iranian Journal of Medical Sciences, 2019, 44, 415-421.	0.3	16
197	Effects of Non-Collagenous Proteins, TGF-Î ² 1, and PDGF-BB on Viability and Proliferation of Dental Pulp Stem Cells. Journal of Oral & Maxillofacial Research, 2016, 7, e4.	0.3	15
198	Tissue Engineering of Craniofacial Tissues – A Review. Journal of Regenerative Medicine & Tissue Engineering, 2013, 2, 6.	1.5	8
199	Effect of Different Root Canal Irrigant Solutions on the Release of Dentin-Growth Factors: A Systematic Review and Meta-Analysis. Materials, 2021, 14, 5829.	1.3	7
200	Odontogenesis-related developmental microenvironment facilitates deciduous dental pulp stem cell aggregates to revitalize an avulsed tooth. Biomaterials, 2021, 279, 121223.	5.7	23
201	Tissue response of Pro-Root® MTA withrhBMP-2 in pulpotomized rat teeth. The Journal of Korean Academy of Conservative Dentistry, 2007, 32, 403.	0.3	1
203	Whole-tooth tissue engineering: lessons from development. Faculty Dental Journal, 2011, 2, 84-86.	0.0	0

#	Article	IF	CITATIONS
204	Isolation Stem Cells From Human Dental Pulps And Differentiation Them To Adiposite And Osteoblast. International Journal of Stem Cell Research and Transplantation, 0, , 32-36.	0.0	0
205	Property Of Human Dental Pulp Stem Cells And Peripheral Blood Hematopoietic Stem Cells That Differentiated Both Group To Cardiac Cells. International Journal of Stem Cell Research and Transplantation, 0, , 37-39.	0.0	O
206	The Use of SHED in Cellular Therapy and Disease Modeling. JBR Journal of Interdisciplinary Medicine and Dental Science, $2014, 02, \ldots$	0.1	0
207	Strategies for Tracking the Origin and Fate of Odontoblasts and Pulp Cell Progenitors. , 2014, , 47-59.		O
208	Functional Tooth Regeneration. , 2017, , 73-95.		0
209	Pulp Cell Differentiation and Future Directions of LIPUS. , 2018, , 87-91.		O
210	KÖK HÜCRELER VE DİŞ HEKİMLİĞİ: LİTERATÜR DERLEMESİ. Selcuk Dental Journal, 0, , .	0.1	0
211	3D Printing in Dentistry. , 2020, , 195-221.		1
212	Tissue Engineering and Its Applications in Dentistry. , 2009, , 921-938.		0
213	Effect of propolis on dentin regeneration and the potential role of dental pulp stem cell in Guinea pigs. Cell Journal, 2012, 13, 223-8.	0.2	28
214	A histological comparison of a new pulp capping material and mineral trioxide aggregate in rat molars. Iranian Endodontic Journal, 2014, 9, 50-5.	0.8	11
215	A modified efficient method for dental pulp stem cell isolation. Dental Research Journal, 2014, 11, 244-50.	0.2	10
216	Melatonin attenuates inflammation of acute pulpitis subjected to dental pulp injury. American Journal of Translational Research (discontinued), 2015, 7, 66-78.	0.0	26
217	Effects of GPNMB on proliferation and odontoblastic differentiation of human dental pulp cells. International Journal of Clinical and Experimental Pathology, 2015, 8, 6498-504.	0.5	4
218	assessment of alendronate toxic and apoptotic effects on human dental pulp stem cells. Iranian Journal of Basic Medical Sciences, 2018, 21, 905-910.	1.0	5
219	Dental Pulp Stem Cell Heterogeneity: Finding Superior Quality "Needles―in a Dental Pulpal "Haystack― for Regenerative Medicine-Based Applications. Stem Cells International, 2022, 2022, 1-20.	1.2	13
220	Screening of differentially expressed miRNAs during osteogenic/odontogenic differentiation of human dental pulp stem cells exposed to mechanical stress. American Journal of Translational Research (discontinued), 2021, 13, 11126-11143.	0.0	0
221	Precision-engineered niche for directed differentiation of MSCs to lineage-restricted mineralized tissues. Journal of Tissue Engineering, 2022, 13, 204173142110739.	2.3	12

#	Article	IF	CITATIONS
222	Biomedical applications of metal oxide–carbon composites. , 2022, , 371-405.		1
223	Subcutaneous tissue reaction and gene expression of inflammatory markers after Biodentine and MTA implantation. Brazilian Dental Journal, 2022, 33, 41-56.	0.5	2
224	Effect of Maleic Acid Root Conditioning on Release of Transforming Growth Factor Beta 1 from Infected Root Canal Dentin. Journal of Endodontics, 2022, 48, 620-624.	1.4	4
225	Regeneration of tooth pulp and dentin: trends and advances. Annals of Neurosciences, 2010, 17, 31-43.	0.9	4
227	Drug repurposing for tooth regeneration: The promising premises. Journal of Pharmacy and Bioallied Sciences, 2021, 13, 957.	0.2	1
228	Sclerostin is a promising therapeutic target for oral inflammation and regenerative dentistry. Journal of Translational Medicine, 2022, 20, 221.	1.8	8
229	Gold Nanoclusters Potentially Facilitate Dentin Regeneration by Functioning Immunomodulation. Frontiers in Materials, 2022, 9, .	1.2	1
230	Dental Pulp Fibroblast: A Star Cell. Journal of Endodontics, 2022, 48, 1005-1019.	1.4	10
231	Effects of Aspirin on Odontogenesis of Human Dental Pulp Cells and TGF- \hat{l}^21 Liberation from Dentin In Vitro. International Journal of Dentistry, 2022, 2022, 1-10.	0.5	2
232	Use of Nanoparticles in Endodontics. Advances in Material Research and Technology, 2022, , 387-410.	0.3	0
233	Dynamics for Pulp-Dentin Tissue Engineering in Operative Dentistry. Synthesis Lectures on Tissue Engineering, 2010, , 111-158.	0.3	1
234	Insights into skeletal stem cells. Bone Research, 2022, 10, .	5.4	17
235	Development of Growth Factor Releasing Hyaluronic Acid-Based Hydrogel for Pulp Regeneration: A Preliminary Study. Gels, 2022, 8, 825.	2.1	3
236	BMP-1-induced GBA1 nuclear accumulation provokes CCN2 mRNA expression via importin-β-mediated nucleocytoplasmic pathway. Journal of Cell Communication and Signaling, 2023, 17, 263-274.	1.8	1
237	The Role of Cellular Metabolism in Maintaining the Function of the Dentine-Pulp Complex: A Narrative Review. Metabolites, 2023, 13, 520.	1.3	2