Prasit Pavasant

List of Publications by Year
in descending order

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Version: 2024-02-01

145 papers	3,592 citations	136740 32 h-index	189595 50 g-index
147 all docs	147 docs citations	147 times ranked	4851 citing authors

#	Article	IF	Citations
1	Preparation and Characterization of Novel Bone Scaffolds Based on Electrospun Polycaprolactone Fibers Filled with Nanoparticles. Macromolecular Bioscience, 2006, 6, 70-77.	2.1	224
2	Polycaprolactone/hydroxyapatite composite scaffolds: Preparation, characterization, and in vitro and in vivo biological responses of human primary bone cells. Journal of Biomedical Materials Research - Part A, 2010, 94A, 241-251.	2.1	165
3	Development of polycaprolactone porous scaffolds by combining solvent casting, particulate leaching, and polymer leaching techniques for bone tissue engineering. Journal of Biomedical Materials Research - Part A, 2014, 102, 3379-3392.	2.1	138
4	Osteoblastic Phenotype Expression of MC3T3-E1 Cultured on Electrospun Polycaprolactone Fiber Mats Filled with Hydroxyapatite Nanoparticles. Biomacromolecules, 2007, 8, 2602-2610.	2.6	131
5	Structural modification and characterization of bacterial celluloseâ€“alginate composite scaffolds for tissue engineering. Carbohydrate Polymers, 2015, 132, 146-155.	5.1	123
6	Basic fibroblast growth factor inhibits mineralization but induces neuronal differentiation by human dental pulp stem cells through a FGFR and PLCÎ³ signaling pathway. Journal of Cellular Biochemistry, 2011, 112, 1807-1816.	1.2	94
7	Novel Bone Scaffolds of Electrospun Polycaprolactone Fibers Filled with Nanoparticles. Journal of Nanoscience and Nanotechnology, 2006, 6, 514-522.	0.9	76
8	The efficacy of polycaprolactone/hydroxyapatite scaffold in combination with mesenchymal stem cells for bone tissue engineering. Journal of Biomedical Materials Research - Part A, 2016, 104, 264-271.	2.1	72
9	TGF-Î²1 induced MMP-9 expression in HNSCC cell lines via Smad/MLCK pathway. Biochemical and Biophysical Research Communications, 2008, 371, 713-718.	1.0	70
10	Surfaceâ€bound orientated Jaggedâ€1 enhances osteogenic differentiation of human periodontal ligamentâ€derived mesenchymal stem cells. Journal of Biomedical Materials Research - Part A, 2013, 101A, 358-367.	2.1	67
11	Effect of molecular weight of chitosan on antimicrobial properties and tissue compatibility of chitosan-impregnated bacterial cellulose films. Biotechnology and Bioprocess Engineering, 2014, 19, 534-544.	1.4	63
12	Activation of MMP-2 by Porphyromonas gingivalis in human periodontal ligament cells. Journal of Periodontal Research, 2003, 38, 115-121.	1.4	52
13	Inhibition of Histone Deacetylases Enhances the Osteogenic Differentiation of Human Periodontal Ligament Cells. Journal of Cellular Biochemistry, 2016, 117, 1384-1395.	1.2	49
14	Neurogenic differentiation of human dental pulp stem cells using different induction protocols. Oral Diseases, 2014, 20, 352-358.	1.5	48
15	Mechanical Forceâ€“induced TGFB1 Increases Expression of SOST/POSTN by hPDL Cells. Journal of Dental Research, 2015, 94, 983-989.	2.5	46
16	Mechanical Stress Induces Osteopontin via ATP/P2Y1 in Periodontal Cells. Journal of Dental Research, 2008, 87, 564-568.	2.5	45
17	Notch signalling inhibits the adipogenic differentiation of singleâ€cellâ€derived mesenchymal stem cell clones isolated from human adipose tissue. Cell Biology International, 2012, 36, 1161-1170.	1.4	45
18	Cobalt chloride supplementation induces stem-cell marker expression and inhibits osteoblastic differentiation in human periodontal ligament cells. Archives of Oral Biology, 2015, 60, 29-36.	0.8	45

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19	TNF-Î± stimulates MMP-3 production via PGE2 signalling through the NF-kB and p38 MAPK pathway in a murine cementoblast cell line. Archives of Oral Biology, 2015, 60, 1066-1074.	0.8	42
20	Bacterial cellulose membrane conjugated with plant-derived osteopontin: Preparation and its potential for bone tissue regeneration. International Journal of Biological Macromolecules, 2020, 149, 51-59.	3.6	42
21	bFGF and JAGGED1 regulate alkaline phosphatase expression and mineralization in dental tissue-derived mesenchymal stem cells. Journal of Cellular Biochemistry, 2013, 114, 2551-2561.	1.2	40
22	Apigenin inhibited hypoxia induced stem cell marker expression in a head and neck squamous cell carcinoma cell line. Archives of Oral Biology, 2017, 74, 69-74.	0.8	40
23	Mechanical stressâ€induced interleukinâ€1beta expression through adenosine triphosphate/<scp>P</scp>2<scp>X</scp>7 receptor activation in human periodontal ligament cells. Journal of Periodontal Research, 2013, 48, 169-176.	1.4	39
24	Notch Signaling Is Involved in Neurogenic Commitment of Human Periodontal Ligament-Derived Mesenchymal Stem Cells. Stem Cells and Development, 2013, 22, 1220-1231.	1.1	39
25	Interleukin-1Î² induces human cementoblasts to support osteoclastogenesis. International Journal of Oral Science, 2017, 9, e5-e5.	3.6	39
26	Mechanical Stress Induces Osteopontin Expression in Human Periodontal Ligament Cells Through Rho Kinase. Journal of Periodontology, 2007, 78, 1113-1119.	1.7	37
27	Detection of LINE-1s hypomethylation in oral rinses of oral squamous cell carcinoma patients. Oral Oncology, 2009, 45, 184-191.	0.8	36
28	Asiaticoside Induces Type I Collagen Synthesis and Osteogenic Differentiation in Human Periodontal Ligament Cells. Phytotherapy Research, 2013, 27, 457-462.	2.8	36
29	Protein adsorption and cell behaviors on polycaprolactone film: The effect of surface topography. Advances in Polymer Technology, 2018, 37, 2030-2042.	0.8	36
30	Role of connexin43 hemichannels in mechanical stress-induced ATP release in human periodontal ligament cells. Journal of Periodontal Research, 2011, 46, no-no.	1.4	35
31	Effect of Jagged-1 and Dll-1 on osteogenic differentiation by stem cells from human exfoliated deciduous teeth. Archives of Oral Biology, 2016, 65, 1-8.	0.8	35
32	Indirect immobilized Jagged1 suppresses cell cycle progression and induces odonto/osteogenic differentiation in human dental pulp cells. Scientific Reports, 2017, 7, 10124.	1.6	35
33	A feasibility study of an in vitro differentiation potential toward insulin-producing cells by dental tissue-derived mesenchymal stem cells. Biochemical and Biophysical Research Communications, 2014, 452, 581-587.	1.0	34
34	The immunopathogenic and immunomodulatory effects of interleukinâ€12 in periodontal disease. European Journal of Oral Sciences, 2018, 126, 75-83.	0.7	34
35	Intermittent compressive force promotes osteogenic differentiation in human periodontal ligament cells by regulating the transforming growth factor-Î² pathway. Cell Death and Disease, 2019, 10, 761.	2.7	34
36	Role of mechanical stress on the function of periodontal ligament cells. Periodontology 2000, 2011, 56, 154-165.	6.3	33

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37	Effect of basic fibroblast growth factor on pluripotent marker expression and colony forming unit capacity of stem cells isolated from human exfoliated deciduous teeth. Odontology / the Society of the Nippon Dental University, 2014, 102, 160-166.	0.9	33
38	Role of endogenous basic fibroblast growth factor in stem cells isolated from human exfoliated deciduous teeth. Archives of Oral Biology, 2015, 60, 408-415.	0.8	32
39	Human dental pulp stem cell responses to different dental pulp capping materials. BMC Oral Health, 2021, 21, 209.	0.8	32
40	Histone deacetylase inhibition enhances in-vivo bone regeneration induced by human periodontal ligament cells. Bone, 2017, 95, 76-84.	1.4	31
41	Asiaticoside induces osteogenic differentiation of human periodontal ligament cells through the Wnt pathway. Journal of Periodontology, 2018, 89, 596-605.	1.7	29
42	Adenosine triphosphate stimulates RANKL expression through P2Y₁receptor-cyclo-oxygenase-dependent pathway in human periodontal ligament cells. Journal of Periodontal Research, 2010, 45, 404-411.	1.4	27
43	Basic fibroblast growth factor regulates phosphate/pyrophosphate regulatory genes in stem cells isolated from human exfoliated deciduous teeth. Stem Cell Research and Therapy, 2018, 9, 345.	2.4	27
44	Gamma irradiation synthesis and characterization of AgNP/gelatin/PVA hydrogels for antibacterial wound dressings. Journal of Applied Polymer Science, 2014, 131, .	1.3	26
45	Recombinant human osteopontin expressed in Nicotiana benthamiana stimulates osteogenesis related genes in human periodontal ligament cells. Scientific Reports, 2017, 7, 17358.	1.6	26
46	<scp>P</scp>2<scp>X</scp>7 receptorâ€“<scp>P</scp>annexin1 interaction mediates stressâ€induced interleukinâ€1 beta expression in human periodontal ligament cells. Journal of Periodontal Research, 2014, 49, 595-602.	1.4	25
47	Injectable eggshell-derived hydroxyapatite-incorporated fibroin-alginate composite hydrogel for bone tissue engineering. International Journal of Biological Macromolecules, 2021, 193, 799-808.	3.6	25
48	The responses of human adipose-derived mesenchymal stem cells on polycaprolactone-based scaffolds: an in vitro study. Tissue Engineering and Regenerative Medicine, 2014, 11, 239-246.	1.6	24
49	Effect of lithium chloride on cell proliferation and osteogenic differentiation in stem cells from human exfoliated deciduous teeth. Tissue and Cell, 2016, 48, 425-431.	1.0	24
50	The synergistic effect of TGF-Î² and 1,25-dihydroxyvitamin D3 on SPARC synthesis and alkaline phosphatase activity in human pulp fibroblasts. Archives of Oral Biology, 2003, 48, 717-722.	0.8	23
51	Fabrication and Evaluation of Polycaprolactoneâ€“Poly(hydroxybutyrate) or Poly(3â€Hydroxybutyrateâ€coâ€3â€Hydroxyvalerate) Dualâ€Leached Porous Scaffolds for Bone Tissue Engineering Applications. Macromolecular Materials and Engineering, 2017, 302, 1600289.	1.7	23
52	Interleukinâ€12 modulates the immunomodulatory properties of human periodontal ligament cells. Journal of Periodontal Research, 2017, 52, 546-555.	1.4	22
53	High Glucose Condition Suppresses Neurosphere Formation by Human Periodontal Ligamentâ€Derived Mesenchymal Stem Cells. Journal of Cellular Biochemistry, 2014, 115, 928-939.	1.2	21
54	Jagged1 inhibits <scp>osteoprotegerin</scp> expression by human periodontal ligament cells. Journal of Periodontal Research, 2016, 51, 789-799.	1.4	21

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55	Cobalt Chloride Enhances the Stemness of Human Dental Pulp Cells. Journal of Endodontics, 2017, 43, 760-765.	1.4	21
56	Notch Signaling Participates in TGFâ€Î²â€Induced SOST Expression Under Intermittent Compressive Stress. Journal of Cellular Physiology, 2017, 232, 2221-2230.	2.0	21
57	Dental properties, ultrastructure, and pulp cells associated with a novel <scp>DSPP</scp> mutation. Oral Diseases, 2018, 24, 619-627.	1.5	21
58	Intermittent compressive force induces human mandibularâ€derived osteoblast differentiation via WNT/Î²â€catenin signaling. Journal of Cellular Biochemistry, 2018, 119, 3474-3485.	1.2	21
59	Cyclic tensile force stimulates BMP9 synthesis and in vitro mineralization by human periodontal ligament cells. Journal of Cellular Physiology, 2019, 234, 4528-4539.	2.0	21
60	In Vitro Fabrication of Hybrid Bone/Cartilage Complex Using Mouse Induced Pluripotent Stem Cells. International Journal of Molecular Sciences, 2020, 21, 581.	1.8	20
61	Effect of the Surface Topography of Electrospun Poly(Îµ-caprolactone)/Poly(3-hydroxybuterate-co-3-hydroxyvalerate) Fibrous Substrates on Cultured Bone Cell Behavior. Langmuir, 2011, 27, 10938-10946.	1.6	19
62	Iloprost Up-regulates Vascular Endothelial Growth Factor Expression in Human Dental Pulp Cells InÂVitro and Enhances Pulpal Blood Flow InÂVivo. Journal of Endodontics, 2014, 40, 925-930.	1.4	19
63	Vibration enhances PGE₂, ILâ€6, and ILâ€8 expression in compressed hPDL cells via cyclooxygenase pathway. Journal of Periodontology, 2018, 89, 1131-1141.	1.7	19
64	Periostin plays role in forceâ€induced stem cell potential by periodontal ligament stem cells. Cell Biology International, 2019, 43, 506-515.	1.4	19
65	Compromised alveolar bone cells in a patient with dentinogenesis imperfecta caused by DSPP mutation. Clinical Oral Investigations, 2019, 23, 303-313.	1.4	19
66	Transient receptor potential vanilloidâ€1 regulates osteoprotegerin/RANKL homeostasis in human periodontal ligament cells. Journal of Periodontal Research, 2013, 48, 22-29.	1.4	18
67	Mechanical stress induced S100A7 expression in human dental pulp cells to augment osteoclast differentiation. Oral Diseases, 2019, 25, 812-821.	1.5	18
68	Different Roles of Dexamethasone on Transforming Growth Factor-Î²1â€“induced Fibronectin and Nerve Growth Factor Expression in Dental Pulp Cells. Journal of Endodontics, 2007, 33, 1057-1060.	1.4	17
69	<scp>IL</scp>â€6 regulated stressâ€induced <scp>R</scp>exâ€1 expression in stem cells from human exfoliated deciduous teeth. Oral Diseases, 2013, 19, 673-682.	1.5	17
70	Jagged1 promotes mineralization in human bone-derived cells. Archives of Oral Biology, 2019, 99, 134-140.	0.8	17
71	Development of in situ gel containing asiaticoside/cyclodextrin complexes. Evaluation in culture human periodontal ligament cells (HPLDCs). International Journal of Pharmaceutics, 2020, 586, 119589.	2.6	17
72	Multifunctional cellulosic nanofiber film with enhanced antimicrobial and anticancer properties by incorporation of ethanolic extract of Garcinia mangostana peel. Materials Science and Engineering C, 2021, 120, 111783.	3.8	17

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73	Notch signaling partly regulates the osteogenic differentiation of retinoic acid-treated murine induced pluripotent stem cells. Journal of Oral Science, 2017, 59, 405-413.	0.7	16
74	Characterization of a bioactive Jagged1-coated polycaprolactone-based membrane for guided tissue regeneration. Archives of Oral Biology, 2018, 88, 24-33.	0.8	16
75	Cyclic tensile force-upregulated IL6 increases MMP3 expression by human periodontal ligament cells. Archives of Oral Biology, 2019, 107, 104495.	0.8	16
76	Electrospun poly(<scp>L</scp>â€lactic acid)/hydroxyapatite composite fibrous scaffolds for bone tissue engineering. Polymer International, 2010, 59, 227-235.	1.6	15
77	Basic Fibroblast Growth Factor Regulates REX1 Expression Via IL-6 In Stem Cells Isolated From Human Exfoliated Deciduous Teeth. Journal of Cellular Biochemistry, 2017, 118, 1480-1488.	1.2	15
78	Systems biology analysis of osteogenic differentiation behavior by canine mesenchymal stem cells derived from bone marrow and dental pulp. Scientific Reports, 2020, 10, 20703.	1.6	15
79	Mechanical loading and the control of stem cell behavior. Archives of Oral Biology, 2021, 125, 105092.	0.8	15
80	Iloprost Induces Tertiary Dentin Formation. Journal of Endodontics, 2014, 40, 1784-1790.	1.4	14
81	Prostaglandin E2 inhibits inâ€vitro mineral deposition by human periodontal ligament cells via modulating the expression of <scp>TWIST</scp>1 and <scp>RUNX</scp>2. Journal of Periodontal Research, 2014, 49, 777-784.	1.4	14
82	Plant-produced recombinant Osteopontin-Fc fusion protein enhanced osteogenesis. Biotechnology Reports (Amsterdam, Netherlands), 2019, 21, e00312.	2.1	14
83	Effect of Fluocinolone Acetonide on Human Dental Pulp Cells: Cytotoxicity, Proliferation, and Extracellular Matrix Formation. Journal of Endodontics, 2011, 37, 181-184.	1.4	13
84	Pressure induces interleukin-6 expression via the P2Y6 receptor in human dental pulp cells. Archives of Oral Biology, 2011, 56, 1230-1237.	0.8	13
85	Amelogenesis imperfecta: A novel FAM83H mutation and characteristics of periodontal ligament cells. Oral Diseases, 2018, 24, 1522-1531.	1.5	13
86	Controlled Osteogenic Differentiation of Mouse Mesenchymal Stem Cells by Tetracycline-Controlled Transcriptional Activation of Amelogenin. PLoS ONE, 2015, 10, e0145677.	1.1	13
87	High threshold of Î²1 integrin inhibition required to block collagen I-induced membrane type-1 matrix metalloproteinase (MT1-MMP) activation of matrix metalloproteinase 2 (MMP-2). Cancer Cell International, 2014, 14, 99.	1.8	12
88	Intermittent compressive stress regulates Notch target gene expression via transforming growth factor-Î² signaling in murine pre-osteoblast cell line. Archives of Oral Biology, 2017, 82, 47-54.	0.8	12
89	Biphasic Effect of ATP on In Vitro Mineralization of Dental Pulp Cells. Journal of Cellular Biochemistry, 2018, 119, 488-498.	1.2	11
90	NOTCH2 participates in Jagged1-induced osteogenic differentiation in human periodontal ligament cells. Scientific Reports, 2020, 10, 13329.	1.6	11

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91	Size-Optimized Microspace Culture Facilitates Differentiation of Mouse Induced Pluripotent Stem Cells into Osteoid-Rich Bone Constructs. Stem Cells International, 2020, 2020, 1-14.	1.2	11
92	Secreted protein acidic, rich in cysteine induces pulp cell migration via Î±vÎ²3 integrin and extracellular signal-regulated kinase. Oral Diseases, 2008, 14, 335-340.	1.5	10
93	Interleukinâ€12 Induces Receptor Activator of Nuclear Factorâ€Kappa B Ligand Expression by Human Periodontal Ligament Cells. Journal of Periodontology, 2017, 88, e109-e119.	1.7	10
94	Estradiol induces osteoprotegerin expression by human dental pulp cells. Odontology / the Society of the Nippon Dental University, 2016, 104, 10-18.	0.9	9
95	Decreased levels of matrix metalloproteinase-2 in root-canal exudates during root canal treatment. Archives of Oral Biology, 2017, 82, 27-32.	0.8	9
96	Iloprost Induces Dental Pulp Angiogenesis in a Growth Factorâ€“free 3-Dimensional Organ Culture System. Journal of Endodontics, 2018, 44, 759-764.e2.	1.4	9
97	Prostacyclin Analog Promotes Human Dental Pulp Cell Migration via a Matrix Metalloproteinase 9â€“related Pathway. Journal of Endodontics, 2019, 45, 873-881.	1.4	9
98	Development and characterization of antibacterial hydroxyapatite coated with mangosteen extract for bone tissue engineering. Polymer Bulletin, 2021, 78, 3543-3559.	1.7	9
99	Development of thermoresponsive poloxamer in situ gel loaded with gentamicin sulfate for cavity wounds. Journal of Polymer Research, 2021, 28, 1.	1.2	9
100	The effect of iloprost on cell proliferation and angiogenesis-related gene expression in human periodontal ligament cells. Odontology / the Society of the Nippon Dental University, 2018, 106, 11-18.	0.9	9
101	Intermittent compressive force induces cell cycling and reduces apoptosis in embryoid bodies of mouse induced pluripotent stem cells. International Journal of Oral Science, 2022, 14, 1.	3.6	9
102	IL-6 regulates stress-induced REX-1 expression via ATP-P2Y1 signalling in stem cells isolated from human exfoliated deciduous teeth. Archives of Oral Biology, 2015, 60, 160-166.	0.8	8
103	Purinergic 2X7 receptor activation regulates WNT signaling in human mandibular-derived osteoblasts. Archives of Oral Biology, 2017, 81, 167-174.	0.8	8
104	Recombinant Human Dentin Matrix Protein 1 (hDMP1) Expressed in Nicotiana benthamiana Potentially Induces Osteogenic Differentiation. Plants, 2019, 8, 566.	1.6	8
105	Vibration activates the actin/NFâ€ÎºB axis and upregulates ILâ€6 and ILâ€8 expression in human periodontal ligament cells. Cell Biology International, 2020, 44, 661-670.	1.4	8
106	Tailored generation of insulin producing cells from canine mesenchymal stem cells derived from bone marrow and adipose tissue. Scientific Reports, 2021, 11, 12409.	1.6	8
107	In vitro generation of transplantable insulin-producing cells from canine adipose-derived mesenchymal stem cells. Scientific Reports, 2022, 12, .	1.6	8
108	Shear Stress Enhances the Paracrine-Mediated Immunoregulatory Function of Human Periodontal Ligament Stem Cells via the ERK Signalling Pathway. International Journal of Molecular Sciences, 2022, 23, 7119.	1.8	8

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109	Intermittent Compressive Stress Enhanced Insulin-Like Growth Factor-1 Expression in Human Periodontal Ligament Cells. International Journal of Cell Biology, 2015, 2015, 1-9.	1.0	7
110	Hypoxia enhances the effect of lipopolysaccharide-stimulated IL-1Î² expression in human periodontal ligament cells. Odontology / the Society of the Nippon Dental University, 2016, 104, 338-346.	0.9	7
111	Effects of prostaglandin E 2 on clonogenicity, proliferation and expression of pluripotent markers in human periodontal ligament cells. Archives of Oral Biology, 2017, 83, 130-135.	0.8	7
112	Surface-immobilized plant-derived osteopontin as an effective platform to promote osteoblast adhesion and differentiation. Colloids and Surfaces B: Biointerfaces, 2019, 173, 816-824.	2.5	7
113	Alginate/Pluronic F127-based encapsulation supports viability and functionality of human dental pulp stem cell-derived insulin-producing cells. Journal of Biological Engineering, 2020, 14, 23.	2.0	7
114	TLR3 activation modulates immunomodulatory properties of human periodontal ligament cells. Journal of Periodontology, 2020, 91, 1225-1236.	1.7	7
115	Varied temporal expression patterns of trigeminal TRPA1 and TRPV1 and the neuropeptide CGRP during orthodontic force-induced pain. Archives of Oral Biology, 2021, 128, 105170.	0.8	7
116	Osteoprotegerin induces osteopontin via syndecanâ€1 and phosphoinositol 3â€kinase/Akt in human periodontal ligament cells. Journal of Periodontal Research, 2009, 44, 776-783.	1.4	6
117	Anti-periodontal Pathogen and Anti-inflammatory Activities of Oxyresveratrol. Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	6
118	Resveratrol Demonstrated Higher Antiproliferative and Antiangiogenic Efficacy Compared with Oxyresveratrol on Head and Neck Squamous Cell Carcinoma Cell Lines. Natural Product Communications, 2017, 12, 1934578X1701201.	0.2	6
119	Interleukin 6 promotes an in vitro mineral deposition by stem cells isolated from human exfoliated deciduous teeth. Royal Society Open Science, 2018, 5, 180864.	1.1	6
120	Integrative protocols for an inÂvitro generation of pancreatic progenitors from human dental pulp stem cells. Biochemical and Biophysical Research Communications, 2020, 530, 222-229.	1.0	6
121	Osteopontin induces osteogenic differentiation by human periodontal ligament cells via calcium binding domainâ€“ALKâ€1 interaction. Journal of Periodontology, 2022, 93, .	1.7	6
122	Surface properties and early murine pre-osteoblastic cell responses of phosphoric acid modified titanium surface. Journal of Oral Biology and Craniofacial Research, 2016, 6, 3-10.	0.8	5
123	Hypoxia enhances osteogenic differentiation in retinoic acid-treated murine-induced pluripotent stem cells. Tissue Engineering and Regenerative Medicine, 2016, 13, 547-553.	1.6	5
124	Numerical data on the shear stress distribution generated by a rotating rod within a stationary ring over a 35-mm cell culture dish. Data in Brief, 2018, 21, 2253-2258.	0.5	5
125	Recombinant human dentin matrix protein 1 (DMP1) induces the osteogenic differentiation of human periodontal ligament cells. Biotechnology Reports (Amsterdam, Netherlands), 2019, 23, e00348.	2.1	5
126	Expression and Functional Evaluation of Recombinant Anti-receptor Activator of Nuclear Factor Kappa-B Ligand Monoclonal Antibody Produced in Nicotiana benthamiana. Frontiers in Plant Science, 2021, 12, 683417.	1.7	5

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127	Responses of canine periodontal ligament cells to bubaline blood derived platelet rich fibrin in vitro. Scientific Reports, 2021, 11, 11409.	1.6	5
128	Insulin-like growth factor-I attenuates the inhibitory effect of type I collagen through Î²1 integrin receptor. Biochemical and Biophysical Research Communications, 2005, 336, 836-841.	1.0	4
129	Effect of resveratrol and oxyresveratrol on deferoxamine-induced cancer stem cell marker expression in human head and neck squamous cell carcinoma. Journal of Oral Biology and Craniofacial Research, 2022, 12, 253-257.	0.8	4
130	Epithelial Cells Secrete Interferonâ€Î³ Which Suppresses Expression of Receptor Activator of Nuclear Factor Kappaâ€Β Ligand in Human Mandibular Osteoblastâ€Like Cells. Journal of Periodontology, 2017, 88, e65-e74.	1.7	3
131	RNA sequencing data of human periodontal ligament cells treated with continuous and intermittent compressive force. Data in Brief, 2019, 26, 104553.	0.5	3
132	Gene expression profiling of Jagged1â€treated human periodontal ligament cells. Oral Diseases, 2019, 25, 1203-1213.	1.5	3
133	Plant-Produced Basic Fibroblast Growth Factor (bFGF) Promotes Cell Proliferation and Collagen Production. Planta Medica International Open, 2020, 07, e150-e157.	0.3	3
134	Immobilization of osteopontin on poly(Îµ-caprolactone) scaffolds by polyelectrolyte multilayer deposition to improve the osteogenic differentiation of MC3T3-E1 cells. Polymer Bulletin, 2022, 79, 4667-4684.	1.7	3
135	Extracellular adenosine triphosphate induces IDO and IFNÎ³ expression of human periodontal ligament cells through P₂X₇ receptor signaling. Journal of Periodontal Research, 2022, 57, 742-753.	1.4	3
136	Regulation of osteoprotegerin expression by Notch signaling in human oral squamous cell carcinoma cell line. Asian Pacific Journal of Tropical Biomedicine, 2016, 6, 692-697.	0.5	2
137	RNA sequencing data of Notch ligand treated human dental pulp cells. Data in Brief, 2018, 17, 407-413.	0.5	2
138	Experimental data on mechanical behavior and numerical data on tensile stress distribution of a hyperelastic Polydimethysiloxane (PDMS) based membrane for cell culture. Data in Brief, 2020, 30, 105476.	0.5	2
139	Evaluation of the Use of Platelet-Rich Fibrin Xenologous Membranes Derived from Bubaline Blood in Canine Periodontal Defects. Veterinary Sciences, 2021, 8, 210.	0.6	2
140	Influence of Jagged1 on apoptosis-related gene expression: a microarray database analysis. Genes and Genomics, 2015, 37, 837-843.	0.5	1
141	Molecular Cloning of Mouse Homologue of Enamel Protein C4orf26 and Its Phosphorylation by FAM20C. Calcified Tissue International, 2021, 109, 445-454.	1.5	1
142	In vitro Induction of Human Dental Pulp Stem Cells Toward Pancreatic Lineages. Journal of Visualized Experiments, 2021, , .	0.2	1
143	Ionic Silver and Electrical Treatment for Susceptibility and Disinfection of Escherichia coli Biofilm-Contaminated Titanium Surface. Molecules, 2022, 27, 180.	1.7	1
144	Sol-Gel Fabricated Tioâ„‚ Coating on Titanium Surface Promoted In Vitro Osteoblasts Differentiation. European journal of prosthodontics and restorative dentistry, The, 2019, 27, 145-153.	0.3	1

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145	Biological responses of MC3T3-E1 cultured on poly(□-caprolactone) sponge scaffolds filled with crude bone protein-loaded hydroxyapatite nanoparticles. , 2012, , .		0