

Prasit Pavasant

List of Publications by Year in descending order

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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	Immobilization of osteopontin on poly(μ -caprolactone) scaffolds by polyelectrolyte multilayer deposition to improve the osteogenic differentiation of MC3T3-E1 cells. <i>Polymer Bulletin</i> , 2022, 79, 4667-4684.	1.7	3
2	Osteopontin induces osteogenic differentiation by human periodontal ligament cells via calcium binding domain-ALK interaction. <i>Journal of Periodontology</i> , 2022, 93, .	1.7	6
3	Intermittent compressive force induces cell cycling and reduces apoptosis in embryoid bodies of mouse induced pluripotent stem cells. <i>International Journal of Oral Science</i> , 2022, 14, 1.	3.6	9
4	Effect of resveratrol and oxysresveratrol on deferroxamine-induced cancer stem cell marker expression in human head and neck squamous cell carcinoma. <i>Journal of Oral Biology and Craniofacial Research</i> , 2022, 12, 253-257.	0.8	4
5	Ionic Silver and Electrical Treatment for Susceptibility and Disinfection of Escherichia coli Biofilm-Contaminated Titanium Surface. <i>Molecules</i> , 2022, 27, 180.	1.7	1
6	Extracellular adenosine triphosphate induces IDO and IFN γ expression of human periodontal ligament cells through P ₂ X ₇ receptor signaling. <i>Journal of Periodontal Research</i> , 2022, 57, 742-753.	1.4	3
7	In vitro generation of transplantable insulin-producing cells from canine adipose-derived mesenchymal stem cells. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
8	Shear Stress Enhances the Paracrine-Mediated Immunoregulatory Function of Human Periodontal Ligament Stem Cells via the ERK Signalling Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7119.	1.8	8
9	Development and characterization of antibacterial hydroxyapatite coated with mangosteen extract for bone tissue engineering. <i>Polymer Bulletin</i> , 2021, 78, 3543-3559.	1.7	9
10	Multifunctional cellulosic nanofiber film with enhanced antimicrobial and anticancer properties by incorporation of ethanolic extract of <i>Garcinia mangostana</i> peel. <i>Materials Science and Engineering C</i> , 2021, 120, 111783.	3.8	17
11	Development of thermoresponsive poloxamer in situ gel loaded with gentamicin sulfate for cavity wounds. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	9
12	Molecular Cloning of Mouse Homologue of Enamel Protein C4orf26 and Its Phosphorylation by FAM20C. <i>Calcified Tissue International</i> , 2021, 109, 445-454.	1.5	1
13	Human dental pulp stem cell responses to different dental pulp capping materials. <i>BMC Oral Health</i> , 2021, 21, 209.	0.8	32
14	Mechanical loading and the control of stem cell behavior. <i>Archives of Oral Biology</i> , 2021, 125, 105092.	0.8	15
15	Expression and Functional Evaluation of Recombinant Anti-receptor Activator of Nuclear Factor Kappa-B Ligand Monoclonal Antibody Produced in <i>Nicotiana benthamiana</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 683417.	1.7	5
16	Responses of canine periodontal ligament cells to bubaline blood derived platelet rich fibrin in vitro. <i>Scientific Reports</i> , 2021, 11, 11409.	1.6	5
17	Tailored generation of insulin producing cells from canine mesenchymal stem cells derived from bone marrow and adipose tissue. <i>Scientific Reports</i> , 2021, 11, 12409.	1.6	8
18	Varied temporal expression patterns of trigeminal TRPA1 and TRPV1 and the neuropeptide CGRP during orthodontic force-induced pain. <i>Archives of Oral Biology</i> , 2021, 128, 105170.	0.8	7

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19	Evaluation of the Use of Platelet-Rich Fibrin Xenologous Membranes Derived from Bubaline Blood in Canine Periodontal Defects. <i>Veterinary Sciences</i> , 2021, 8, 210.	0.6	2
20	In vitro Induction of Human Dental Pulp Stem Cells Toward Pancreatic Lineages. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
21	Injectable eggshell-derived hydroxyapatite-incorporated fibroin-alginate composite hydrogel for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 799-808.	3.6	25
22	Vibration activates the actin/NF–B axis and upregulates IL–6 and IL–8 expression in human periodontal ligament cells. <i>Cell Biology International</i> , 2020, 44, 661-670.	1.4	8
23	Systems biology analysis of osteogenic differentiation behavior by canine mesenchymal stem cells derived from bone marrow and dental pulp. <i>Scientific Reports</i> , 2020, 10, 20703.	1.6	15
24	NOTCH2 participates in Jagged1-induced osteogenic differentiation in human periodontal ligament cells. <i>Scientific Reports</i> , 2020, 10, 13329.	1.6	11
25	Integrative protocols for an in–vitro generation of pancreatic progenitors from human dental pulp stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 530, 222-229.	1.0	6
26	Alginate/Pluronic F127-based encapsulation supports viability and functionality of human dental pulp stem cell-derived insulin-producing cells. <i>Journal of Biological Engineering</i> , 2020, 14, 23.	2.0	7
27	Plant-Produced Basic Fibroblast Growth Factor (bFGF) Promotes Cell Proliferation and Collagen Production. <i>Planta Medica International Open</i> , 2020, 07, e150-e157.	0.3	3
28	Size-Optimized Microspace Culture Facilitates Differentiation of Mouse Induced Pluripotent Stem Cells into Osteoid-Rich Bone Constructs. <i>Stem Cells International</i> , 2020, 2020, 1-14.	1.2	11
29	Development of in situ gel containing asiaticoside/cyclodextrin complexes. Evaluation in culture human periodontal ligament cells (HPLDCs). <i>International Journal of Pharmaceutics</i> , 2020, 586, 119589.	2.6	17
30	TLR3 activation modulates immunomodulatory properties of human periodontal ligament cells. <i>Journal of Periodontology</i> , 2020, 91, 1225-1236.	1.7	7
31	Bacterial cellulose membrane conjugated with plant-derived osteopontin: Preparation and its potential for bone tissue regeneration. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 51-59.	3.6	42
32	In Vitro Fabrication of Hybrid Bone/Cartilage Complex Using Mouse Induced Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 581.	1.8	20
33	Experimental data on mechanical behavior and numerical data on tensile stress distribution of a hyperelastic Polydimethylsiloxane (PDMS) based membrane for cell culture. <i>Data in Brief</i> , 2020, 30, 105476.	0.5	2
34	Cyclic tensile force-upregulated IL6 increases MMP3 expression by human periodontal ligament cells. <i>Archives of Oral Biology</i> , 2019, 107, 104495.	0.8	16
35	RNA sequencing data of human periodontal ligament cells treated with continuous and intermittent compressive force. <i>Data in Brief</i> , 2019, 26, 104553.	0.5	3
36	Intermittent compressive force promotes osteogenic differentiation in human periodontal ligament cells by regulating the transforming growth factor-–2 pathway. <i>Cell Death and Disease</i> , 2019, 10, 761.	2.7	34

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37	Jagged1 promotes mineralization in human bone-derived cells. Archives of Oral Biology, 2019, 99, 134-140.	0.8	17
38	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
39	Prostacyclin Analog Promotes Human Dental Pulp Cell Migration via a Matrix Metalloproteinase 9-related Pathway. Journal of Endodontics, 2019, 45, 873-881.	1.4	9
40	Plant-produced recombinant Osteopontin-Fc fusion protein enhanced osteogenesis. Biotechnology Reports (Amsterdam, Netherlands), 2019, 21, e00312.	2.1	14
41	Periostin plays role in force-induced stem cell potential by periodontal ligament stem cells. Cell Biology International, 2019, 43, 506-515.	1.4	19
42	Gene expression profiling of Jagged1-treated human periodontal ligament cells. Oral Diseases, 2019, 25, 1203-1213.	1.5	3
43	Recombinant Human Dentin Matrix Protein 1 (hDMP1) Expressed in Nicotiana benthamiana Potentially Induces Osteogenic Differentiation. Plants, 2019, 8, 566.	1.6	8
44	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
45	Mechanical stress induced S100A7 expression in human dental pulp cells to augment osteoclast differentiation. Oral Diseases, 2019, 25, 812-821.	1.5	18
46	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
47	Compromised alveolar bone cells in a patient with dentinogenesis imperfecta caused by DSPP mutation. Clinical Oral Investigations, 2019, 23, 303-313.	1.4	19
48	Sol-Gel Fabricated TiO ₂ Coating on Titanium Surface Promoted In Vitro Osteoblasts Differentiation. European journal of prosthodontics and restorative dentistry, The, 2019, 27, 145-153.	0.3	1
49	Characterization of a bioactive Jagged1-coated polycaprolactone-based membrane for guided tissue regeneration. Archives of Oral Biology, 2018, 88, 24-33.	0.8	16
50	The immunopathogenic and immunomodulatory effects of interleukin-12 in periodontal disease. European Journal of Oral Sciences, 2018, 126, 75-83.	0.7	34
51	Iloprost Induces Dental Pulp Angiogenesis in a Growth Factor-free 3-Dimensional Organ Culture System. Journal of Endodontics, 2018, 44, 759-764.e2.	1.4	9
52	Asiaticoside induces osteogenic differentiation of human periodontal ligament cells through the Wnt pathway. Journal of Periodontology, 2018, 89, 596-605.	1.7	29
53	Biphasic Effect of ATP on In Vitro Mineralization of Dental Pulp Cells. Journal of Cellular Biochemistry, 2018, 119, 488-498.	1.2	11
54	Protein adsorption and cell behaviors on polycaprolactone film: The effect of surface topography. Advances in Polymer Technology, 2018, 37, 2030-2042.	0.8	36

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55	Dental properties, ultrastructure, and pulp cells associated with a novel <i>DSPP</i> mutation. <i>Oral Diseases</i> , 2018, 24, 619-627.	1.5	21
56	Intermittent compressive force induces human mandibular-derived osteoblast differentiation via WNT/ β -catenin signaling. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3474-3485.	1.2	21
57	Numerical data on the shear stress distribution generated by a rotating rod within a stationary ring over a 35-mm cell culture dish. <i>Data in Brief</i> , 2018, 21, 2253-2258.	0.5	5
58	Basic fibroblast growth factor regulates phosphate/pyrophosphate regulatory genes in stem cells isolated from human exfoliated deciduous teeth. <i>Stem Cell Research and Therapy</i> , 2018, 9, 345.	2.4	27
59	Interleukin 6 promotes an <i>in vitro</i> mineral deposition by stem cells isolated from human exfoliated deciduous teeth. <i>Royal Society Open Science</i> , 2018, 5, 180864.	1.1	6
60	Vibration enhances PGE ₂ , IL β , and IL δ expression in compressed hPDL cells via cyclooxygenase pathway. <i>Journal of Periodontology</i> , 2018, 89, 1131-1141.	1.7	19
61	Amelogenesis imperfecta: A novel <i>FAM83H</i> mutation and characteristics of periodontal ligament cells. <i>Oral Diseases</i> , 2018, 24, 1522-1531.	1.5	13
62	RNA sequencing data of Notch ligand treated human dental pulp cells. <i>Data in Brief</i> , 2018, 17, 407-413.	0.5	2
63	The effect of iloprost on cell proliferation and angiogenesis-related gene expression in human periodontal ligament cells. <i>Odontology / the Society of the Nippon Dental University</i> , 2018, 106, 11-18.	0.9	9
64	Interleukin α 12 Induces Receptor Activator of Nuclear Factor α Kappa B Ligand Expression by Human Periodontal Ligament Cells. <i>Journal of Periodontology</i> , 2017, 88, e109-e119.	1.7	10
65	Apigenin inhibited hypoxia induced stem cell marker expression in a head and neck squamous cell carcinoma cell line. <i>Archives of Oral Biology</i> , 2017, 74, 69-74.	0.8	40
66	Fabrication and Evaluation of Polycaprolactone-Poly(hydroxybutyrate) or Poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate) Dual-Leached Porous Scaffolds for Bone Tissue Engineering Applications. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600289.	1.7	23
67	Purinergic 2X7 receptor activation regulates WNT signaling in human mandibular-derived osteoblasts. <i>Archives of Oral Biology</i> , 2017, 81, 167-174.	0.8	8
68	Decreased levels of matrix metalloproteinase-2 in root-canal exudates during root canal treatment. <i>Archives of Oral Biology</i> , 2017, 82, 27-32.	0.8	9
69	Intermittent compressive stress regulates Notch target gene expression via transforming growth factor- β signaling in murine pre-osteoblast cell line. <i>Archives of Oral Biology</i> , 2017, 82, 47-54.	0.8	12
70	Cobalt Chloride Enhances the Stemness of Human Dental Pulp Cells. <i>Journal of Endodontics</i> , 2017, 43, 760-765.	1.4	21
71	Notch Signaling Participates in TGF β -Induced SOST Expression Under Intermittent Compressive Stress. <i>Journal of Cellular Physiology</i> , 2017, 232, 2221-2230.	2.0	21
72	Indirect immobilized Jagged1 suppresses cell cycle progression and induces odonto/osteogenic differentiation in human dental pulp cells. <i>Scientific Reports</i> , 2017, 7, 10124.	1.6	35

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73	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
74	Recombinant human osteopontin expressed in Nicotiana benthamiana stimulates osteogenesis related genes in human periodontal ligament cells. Scientific Reports, 2017, 7, 17358.	1.6	26
75	Epithelial Cells Secrete Interferon γ Which Suppresses Expression of Receptor Activator of Nuclear Factor Kappa β Ligand in Human Mandibular Osteoblast-Like Cells. Journal of Periodontology, 2017, 88, e65-e74.	1.7	3
76	Interleukin-12 modulates the immunomodulatory properties of human periodontal ligament cells. Journal of Periodontal Research, 2017, 52, 546-555.	1.4	22
77	Histone deacetylase inhibition enhances in-vivo bone regeneration induced by human periodontal ligament cells. Bone, 2017, 95, 76-84.	1.4	31
78	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
79	Interleukin-1 β induces human cementoblasts to support osteoclastogenesis. International Journal of Oral Science, 2017, 9, e5-e5.	3.6	39
80	Resveratrol Demonstrated Higher Antiproliferative and Antiangiogenic Efficacy Compared with Oxresveratrol on Head and Neck Squamous Cell Carcinoma Cell Lines. Natural Product Communications, 2017, 12, 1934578X1701201.	0.2	6
81	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
82	Estradiol induces osteoprotegerin expression by human dental pulp cells. Odontology / the Society of the Nippon Dental University, 2016, 104, 10-18.	0.9	9
83	Jagged1 inhibits $\langle scp \rangle$ osteoprotegerin $\langle /scp \rangle$ expression by human periodontal ligament cells. Journal of Periodontal Research, 2016, 51, 789-799.	1.4	21
84	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
85	Hypoxia enhances the effect of lipopolysaccharide-stimulated IL-1 β expression in human periodontal ligament cells. Odontology / the Society of the Nippon Dental University, 2016, 104, 338-346.	0.9	7
86	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
87	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
88	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
89	Inhibition of Histone Deacetylases Enhances the Osteogenic Differentiation of Human Periodontal Ligament Cells. Journal of Cellular Biochemistry, 2016, 117, 1384-1395.	1.2	49
90	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

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91	Effect of Jagged-1 and Dll-1 on osteogenic differentiation by stem cells from human exfoliated deciduous teeth. <i>Archives of Oral Biology</i> , 2016, 65, 1-8.	0.8	35
92	Influence of Jagged1 on apoptosis-related gene expression: a microarray database analysis. <i>Genes and Genomics</i> , 2015, 37, 837-843.	0.5	1
93	Intermittent Compressive Stress Enhanced Insulin-Like Growth Factor-1 Expression in Human Periodontal Ligament Cells. <i>International Journal of Cell Biology</i> , 2015, 2015, 1-9.	1.0	7
94	Mechanical Force-induced <i>TGFB1</i> Increases Expression of <i>SOST/POSTN</i> by hPDL Cells. <i>Journal of Dental Research</i> , 2015, 94, 983-989.	2.5	46
95	TNF- α stimulates MMP-3 production via PGE2 signalling through the NF- κ B and p38 MAPK pathway in a murine cementoblast cell line. <i>Archives of Oral Biology</i> , 2015, 60, 1066-1074.	0.8	42
96	Structural modification and characterization of bacterial cellulose-alginate composite scaffolds for tissue engineering. <i>Carbohydrate Polymers</i> , 2015, 132, 146-155.	5.1	123
97	Role of endogenous basic fibroblast growth factor in stem cells isolated from human exfoliated deciduous teeth. <i>Archives of Oral Biology</i> , 2015, 60, 408-415.	0.8	32
98	IL-6 regulates stress-induced REX-1 expression via ATP-P2Y1 signalling in stem cells isolated from human exfoliated deciduous teeth. <i>Archives of Oral Biology</i> , 2015, 60, 160-166.	0.8	8
99	Cobalt chloride supplementation induces stem-cell marker expression and inhibits osteoblastic differentiation in human periodontal ligament cells. <i>Archives of Oral Biology</i> , 2015, 60, 29-36.	0.8	45
100	Controlled Osteogenic Differentiation of Mouse Mesenchymal Stem Cells by Tetracycline-Controlled Transcriptional Activation of Amelogenin. <i>PLoS ONE</i> , 2015, 10, e0145677.	1.1	13
101	Neurogenic differentiation of human dental pulp stem cells using different induction protocols. <i>Oral Diseases</i> , 2014, 20, 352-358.	1.5	48
102	High Glucose Condition Suppresses Neurosphere Formation by Human Periodontal Ligament-Derived Mesenchymal Stem Cells. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 928-939.	1.2	21
103	Development of polycaprolactone porous scaffolds by combining solvent casting, particulate leaching, and polymer leaching techniques for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3379-3392.	2.1	138
104	High threshold of β 1 integrin inhibition required to block collagen I-induced membrane type-1 matrix metalloproteinase (MT1-MMP) activation of matrix metalloproteinase 2 (MMP-2). <i>Cancer Cell International</i> , 2014, 14, 99.	1.8	12
105	Effect of basic fibroblast growth factor on pluripotent marker expression and colony forming unit capacity of stem cells isolated from human exfoliated deciduous teeth. <i>Odontology / the Society of the Nippon Dental University</i> , 2014, 102, 160-166.	0.9	33
106	Gamma irradiation synthesis and characterization of AgNP/gelatin/PVA hydrogels for antibacterial wound dressings. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	26
107	Iloprost Induces Tertiary Dentin Formation. <i>Journal of Endodontics</i> , 2014, 40, 1784-1790.	1.4	14
108	A feasibility study of an in vitro differentiation potential toward insulin-producing cells by dental tissue-derived mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 581-587.	1.0	34

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109	<i>IL-6</i> receptor α – <i>P</i> –annexin1 interaction mediates stress-induced interleukin β expression in human periodontal ligament cells. <i>Journal of Periodontal Research</i> , 2014, 49, 595-602.	1.4	25
110	Effect of molecular weight of chitosan on antimicrobial properties and tissue compatibility of chitosan-impregnated bacterial cellulose films. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 534-544.	1.4	63
111	The responses of human adipose-derived mesenchymal stem cells on polycaprolactone-based scaffolds: an in vitro study. <i>Tissue Engineering and Regenerative Medicine</i> , 2014, 11, 239-246.	1.6	24
112	Iloprost Up-regulates Vascular Endothelial Growth Factor Expression in Human Dental Pulp Cells In Vitro and Enhances Pulpal Blood Flow In Vivo. <i>Journal of Endodontics</i> , 2014, 40, 925-930.	1.4	19
113	Prostaglandin E2 inhibits <i>in vitro</i> mineral deposition by human periodontal ligament cells via modulating the expression of <i>TWIST1</i> and <i>RUNX2</i> . <i>Journal of Periodontal Research</i> , 2014, 49, 777-784.	1.4	14
114	Surface-bound orientated Jagged1 enhances osteogenic differentiation of human periodontal ligament-derived mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 358-367.	2.1	67
115	Asiaticoside Induces Type I Collagen Synthesis and Osteogenic Differentiation in Human Periodontal Ligament Cells. <i>Phytotherapy Research</i> , 2013, 27, 457-462.	2.8	36
116	Transient receptor potential vanilloid1 regulates osteoprotegerin/RANKL homeostasis in human periodontal ligament cells. <i>Journal of Periodontal Research</i> , 2013, 48, 22-29.	1.4	18
117	bFGF and JAGGED1 regulate alkaline phosphatase expression and mineralization in dental tissue-derived mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2551-2561.	1.2	40
118	<i>IL6</i> regulated stress-induced <i>Rex1</i> expression in stem cells from human exfoliated deciduous teeth. <i>Oral Diseases</i> , 2013, 19, 673-682.	1.5	17
119	Mechanical stress-induced interleukin β expression through adenosine triphosphate/ <i>P</i> – <i>X</i> – <i>7</i> receptor activation in human periodontal ligament cells. <i>Journal of Periodontal Research</i> , 2013, 48, 169-176.	1.4	39
120	Notch Signaling Is Involved in Neurogenic Commitment of Human Periodontal Ligament-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 1220-1231.	1.1	39
121	Anti-periodontal Pathogen and Anti-inflammatory Activities of Oxyresveratrol. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	6
122	Biological responses of MC3T3-E1 cultured on poly(ϵ -caprolactone) sponge scaffolds filled with crude bone protein-loaded hydroxyapatite nanoparticles. , 2012, , .		0
123	Notch signalling inhibits the adipogenic differentiation of single-cell-derived mesenchymal stem cell clones isolated from human adipose tissue. <i>Cell Biology International</i> , 2012, 36, 1161-1170.	1.4	45
124	Effect of the Surface Topography of Electrospun Poly(μ -caprolactone)/Poly(3-hydroxybuterate-co-3-hydroxyvalerate) Fibrous Substrates on Cultured Bone Cell Behavior. <i>Langmuir</i> , 2011, 27, 10938-10946.	1.6	19
125	Effect of Fluocinolone Acetonide on Human Dental Pulp Cells: Cytotoxicity, Proliferation, and Extracellular Matrix Formation. <i>Journal of Endodontics</i> , 2011, 37, 181-184.	1.4	13
126	Role of mechanical stress on the function of periodontal ligament cells. <i>Periodontology</i> 2000, 2011, 56, 154-165.	6.3	33

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127	Role of connexin43 hemichannels in mechanical stress-induced ATP release in human periodontal ligament cells. <i>Journal of Periodontal Research</i> , 2011, 46, no-no.	1.4	35
128	Pressure induces interleukin-6 expression via the P2Y6 receptor in human dental pulp cells. <i>Archives of Oral Biology</i> , 2011, 56, 1230-1237.	0.8	13
129	Basic fibroblast growth factor inhibits mineralization but induces neuronal differentiation by human dental pulp stem cells through a FGFR and PLC β 3 signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1807-1816.	1.2	94
130	Electrospun poly(L-lactic acid)/hydroxyapatite composite fibrous scaffolds for bone tissue engineering. <i>Polymer International</i> , 2010, 59, 227-235.	1.6	15
131	Polycaprolactone/hydroxyapatite composite scaffolds: Preparation, characterization, and <i>in vitro</i> and <i>in vivo</i> biological responses of human primary bone cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 241-251.	2.1	165
132	Adenosine triphosphate stimulates RANKL expression through P2Y ₁ receptor-cyclo-oxygenase-dependent pathway in human periodontal ligament cells. <i>Journal of Periodontal Research</i> , 2010, 45, 404-411.	1.4	27
133	Detection of LINE-1s hypomethylation in oral rinses of oral squamous cell carcinoma patients. <i>Oral Oncology</i> , 2009, 45, 184-191.	0.8	36
134	Osteoprotegerin induces osteopontin via syndecan-1 and phosphoinositol 3-kinase/Akt in human periodontal ligament cells. <i>Journal of Periodontal Research</i> , 2009, 44, 776-783.	1.4	6
135	Secreted protein acidic, rich in cysteine induces pulp cell migration via α 2 β 3 integrin and extracellular signal-regulated kinase. <i>Oral Diseases</i> , 2008, 14, 335-340.	1.5	10
136	TGF- β 1 induced MMP-9 expression in HNSCC cell lines via Smad/MLCK pathway. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 713-718.	1.0	70
137	Mechanical Stress Induces Osteopontin <i>via</i> ATP/P2Y1 in Periodontal Cells. <i>Journal of Dental Research</i> , 2008, 87, 564-568.	2.5	45
138	Different Roles of Dexamethasone on Transforming Growth Factor- β 1-induced Fibronectin and Nerve Growth Factor Expression in Dental Pulp Cells. <i>Journal of Endodontics</i> , 2007, 33, 1057-1060.	1.4	17
139	Mechanical Stress Induces Osteopontin Expression in Human Periodontal Ligament Cells Through Rho Kinase. <i>Journal of Periodontology</i> , 2007, 78, 1113-1119.	1.7	37
140	Osteoblastic Phenotype Expression of MC3T3-E1 Cultured on Electrospun Polycaprolactone Fiber Mats Filled with Hydroxyapatite Nanoparticles. <i>Biomacromolecules</i> , 2007, 8, 2602-2610.	2.6	131
141	Preparation and Characterization of Novel Bone Scaffolds Based on Electrospun Polycaprolactone Fibers Filled with Nanoparticles. <i>Macromolecular Bioscience</i> , 2006, 6, 70-77.	2.1	224
142	Novel Bone Scaffolds of Electrospun Polycaprolactone Fibers Filled with Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 514-522.	0.9	76
143	Insulin-like growth factor-I attenuates the inhibitory effect of type I collagen through β 1 integrin receptor. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 836-841.	1.0	4
144	The synergistic effect of TGF- β 2 and 1,25-dihydroxyvitamin D3 on SPARC synthesis and alkaline phosphatase activity in human pulp fibroblasts. <i>Archives of Oral Biology</i> , 2003, 48, 717-722.	0.8	23

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145	Activation of MMP-2 by Porphyromonas gingivalis in human periodontal ligament cells. Journal of Periodontal Research, 2003, 38, 115-121.	1.4	52