# Prasit Pavasant

List of Publications by Year
in descending order



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|---|---|---|---|
| 145 papers | 3,592 citations | 136950 32 h-index | 189892 50 g-index |
| 147 all docs | 147 docs citations | 147 times ranked | 4851 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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. | 3.3 | 3 |
| 2 | Osteopontin induces osteogenic differentiation by human periodontal ligament cells via calcium binding domainâ€“ALKâ€1 interaction. Journal of Periodontology, 2022, 93, . | 3.4 | 6 |
| 3 | 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. | 8.6 | 9 |
| 4 | 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. | 1.9 | 4 |
| 5 | Ionic Silver and Electrical Treatment for Susceptibility and Disinfection of Escherichia coli Biofilm-Contaminated Titanium Surface. Molecules, 2022, 27, 180. | 3.8 | 1 |
| 6 | Extracellular adenosine triphosphate induces IDO and IFNÎ³ expression of human periodontal ligament cells through P<sub>2</sub>X<sub>7</sub> receptor signaling. Journal of Periodontal Research, 2022, 57, 742-753. | 2.7 | 3 |
| 7 | In vitro generation of transplantable insulin-producing cells from canine adipose-derived mesenchymal stem cells. Scientific Reports, 2022, 12, . | 3.3 | 8 |
| 8 | 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. | 4.1 | 8 |
| 9 | Development and characterization of antibacterial hydroxyapatite coated with mangosteen extract for bone tissue engineering. Polymer Bulletin, 2021, 78, 3543-3559. | 3.3 | 9 |
| 10 | 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. | 7.3 | 17 |
| 11 | Development of thermoresponsive poloxamer in situ gel loaded with gentamicin sulfate for cavity wounds. Journal of Polymer Research, 2021, 28, 1. | 2.4 | 9 |
| 12 | Molecular Cloning of Mouse Homologue of Enamel Protein C4orf26 and Its Phosphorylation by FAM20C. Calcified Tissue International, 2021, 109, 445-454. | 3.1 | 1 |
| 13 | Human dental pulp stem cell responses to different dental pulp capping materials. BMC Oral Health, 2021, 21, 209. | 2.3 | 32 |
| 14 | Mechanical loading and the control of stem cell behavior. Archives of Oral Biology, 2021, 125, 105092. | 1.8 | 15 |
| 15 | 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. | 3.6 | 5 |
| 16 | Responses of canine periodontal ligament cells to bubaline blood derived platelet rich fibrin in vitro. Scientific Reports, 2021, 11, 11409. | 3.3 | 5 |
| 17 | Tailored generation of insulin producing cells from canine mesenchymal stem cells derived from bone marrow and adipose tissue. Scientific Reports, 2021, 11, 12409. | 3.3 | 8 |
| 18 | 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. | 1.8 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Evaluation of the Use of Platelet-Rich Fibrin Xenologous Membranes Derived from Bubaline Blood in Canine Periodontal Defects. Veterinary Sciences, 2021, 8, 210. | 1.7 | 2 |
| 20 | <em>In vitro</em> Induction of Human Dental Pulp Stem Cells Toward Pancreatic Lineages. Journal of Visualized Experiments, 2021, , . | 0.3 | 1 |
| 21 | Injectable eggshell-derived hydroxyapatite-incorporated fibroin-alginate composite hydrogel for bone tissue engineering. International Journal of Biological Macromolecules, 2021, 193, 799-808. | 7.5 | 25 |
| 22 | 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. | 3.0 | 8 |
| 23 | Systems biology analysis of osteogenic differentiation behavior by canine mesenchymal stem cells derived from bone marrow and dental pulp. Scientific Reports, 2020, 10, 20703. | 3.3 | 15 |
| 24 | NOTCH2 participates in Jagged1-induced osteogenic differentiation in human periodontal ligament cells. Scientific Reports, 2020, 10, 13329. | 3.3 | 11 |
| 25 | Integrative protocols for an inÂvitro generation of pancreatic progenitors from human dental pulp stem cells. Biochemical and Biophysical Research Communications, 2020, 530, 222-229. | 2.1 | 6 |
| 26 | 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. | 4.7 | 7 |
| 27 | Plant-Produced Basic Fibroblast Growth Factor (bFGF) Promotes Cell Proliferation and Collagen Production. Planta Medica International Open, 2020, 07, e150-e157. | 0.5 | 3 |
| 28 | Size-Optimized Microspace Culture Facilitates Differentiation of Mouse Induced Pluripotent Stem Cells into Osteoid-Rich Bone Constructs. Stem Cells International, 2020, 2020, 1-14. | 2.5 | 11 |
| 29 | Development of in situ gel containing asiaticoside/cyclodextrin complexes. Evaluation in culture human periodontal ligament cells (HPLDCs). International Journal of Pharmaceutics, 2020, 586, 119589. | 5.2 | 17 |
| 30 | TLR3 activation modulates immunomodulatory properties of human periodontal ligament cells. Journal of Periodontology, 2020, 91, 1225-1236. | 3.4 | 7 |
| 31 | 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. | 7.5 | 42 |
| 32 | In Vitro Fabrication of Hybrid Bone/Cartilage Complex Using Mouse Induced Pluripotent Stem Cells. International Journal of Molecular Sciences, 2020, 21, 581. | 4.1 | 20 |
| 33 | 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. | 1.0 | 2 |
| 34 | Cyclic tensile force-upregulated IL6 increases MMP3 expression by human periodontal ligament cells. Archives of Oral Biology, 2019, 107, 104495. | 1.8 | 16 |
| 35 | RNA sequencing data of human periodontal ligament cells treated with continuous and intermittent compressive force. Data in Brief, 2019, 26, 104553. | 1.0 | 3 |
| 36 | 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. | 6.3 | 34 |

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|---|---|---|---|
| 37 | Jagged1 promotes mineralization in human bone-derived cells. Archives of Oral Biology, 2019, 99, 134-140. | 1.8 | 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. | 4.4 | 5 |
| 39 | Prostacyclin Analog Promotes Human Dental Pulp Cell Migration via a Matrix Metalloproteinase 9â€“related Pathway. Journal of Endodontics, 2019, 45, 873-881. | 3.1 | 9 |
| 40 | Plant-produced recombinant Osteopontin-Fc fusion protein enhanced osteogenesis. Biotechnology Reports (Amsterdam, Netherlands), 2019, 21, e00312. | 4.4 | 14 |
| 41 | Periostin plays role in forceâ€induced stem cell potential by periodontal ligament stem cells. Cell Biology International, 2019, 43, 506-515. | 3.0 | 19 |
| 42 | Gene expression profiling of Jagged1â€treated human periodontal ligament cells. Oral Diseases, 2019, 25, 1203-1213. | 3.0 | 3 |
| 43 | Recombinant Human Dentin Matrix Protein 1 (hDMP1) Expressed in Nicotiana benthamiana Potentially Induces Osteogenic Differentiation. Plants, 2019, 8, 566. | 3.5 | 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. | 4.1 | 21 |
| 45 | Mechanical stress induced S100A7 expression in human dental pulp cells to augment osteoclast differentiation. Oral Diseases, 2019, 25, 812-821. | 3.0 | 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. | 5.0 | 7 |
| 47 | Compromised alveolar bone cells in a patient with dentinogenesis imperfecta caused by DSPP mutation. Clinical Oral Investigations, 2019, 23, 303-313. | 3.0 | 19 |
| 48 | 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. | 0.4 | 1 |
| 49 | Characterization of a bioactive Jagged1-coated polycaprolactone-based membrane for guided tissue regeneration. Archives of Oral Biology, 2018, 88, 24-33. | 1.8 | 16 |
| 50 | The immunopathogenic and immunomodulatory effects of interleukinâ€12 in periodontal disease. European Journal of Oral Sciences, 2018, 126, 75-83. | 1.5 | 34 |
| 51 | Iloprost Induces Dental Pulp Angiogenesis in a Growth Factorâ€“free 3-Dimensional Organ Culture System. Journal of Endodontics, 2018, 44, 759-764.e2. | 3.1 | 9 |
| 52 | Asiaticoside induces osteogenic differentiation of human periodontal ligament cells through the Wnt pathway. Journal of Periodontology, 2018, 89, 596-605. | 3.4 | 29 |
| 53 | Biphasic Effect of ATP on In Vitro Mineralization of Dental Pulp Cells. Journal of Cellular Biochemistry, 2018, 119, 488-498. | 2.6 | 11 |
| 54 | Protein adsorption and cell behaviors on polycaprolactone film: The effect of surface topography. Advances in Polymer Technology, 2018, 37, 2030-2042. | 1.7 | 36 |

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|---|---|---|---|
| 55 | Dental properties, ultrastructure, and pulp cells associated with a novel <scp>DSPP</scp> mutation. Oral Diseases, 2018, 24, 619-627. | 3.0 | 21 |
| 56 | Intermittent compressive force induces human mandibularâ€derived osteoblast differentiation via WNT/Î²â€catenin signaling. Journal of Cellular Biochemistry, 2018, 119, 3474-3485. | 2.6 | 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. Data in Brief, 2018, 21, 2253-2258. | 1.0 | 5 |
| 58 | 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. | 5.5 | 27 |
| 59 | Interleukin 6 promotes an in vitro mineral deposition by stem cells isolated from human exfoliated deciduous teeth. Royal Society Open Science, 2018, 5, 180864. | 2.4 | 6 |
| 60 | Vibration enhances PGE<sub>2</sub>, ILâ€6, and ILâ€8 expression in compressed hPDL cells via cyclooxygenase pathway. Journal of Periodontology, 2018, 89, 1131-1141. | 3.4 | 19 |
| 61 | Amelogenesis imperfecta: A novel FAM83H mutation and characteristics of periodontal ligament cells. Oral Diseases, 2018, 24, 1522-1531. | 3.0 | 13 |
| 62 | RNA sequencing data of Notch ligand treated human dental pulp cells. Data in Brief, 2018, 17, 407-413. | 1.0 | 2 |
| 63 | 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. | 1.9 | 9 |
| 64 | Interleukinâ€12 Induces Receptor Activator of Nuclear Factorâ€Kappa B Ligand Expression by Human Periodontal Ligament Cells. Journal of Periodontology, 2017, 88, e109-e119. | 3.4 | 10 |
| 65 | 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. | 1.8 | 40 |
| 66 | 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. | 3.6 | 23 |
| 67 | Purinergic 2X7 receptor activation regulates WNT signaling in human mandibular-derived osteoblasts. Archives of Oral Biology, 2017, 81, 167-174. | 1.8 | 8 |
| 68 | Decreased levels of matrix metalloproteinase-2 in root-canal exudates during root canal treatment. Archives of Oral Biology, 2017, 82, 27-32. | 1.8 | 9 |
| 69 | 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. | 1.8 | 12 |
| 70 | Cobalt Chloride Enhances the Stemness of Human Dental Pulp Cells. Journal of Endodontics, 2017, 43, 760-765. | 3.1 | 21 |
| 71 | Notch Signaling Participates in TGFâ€Î²â€Induced SOST Expression Under Intermittent Compressive Stress. Journal of Cellular Physiology, 2017, 232, 2221-2230. | 4.1 | 21 |
| 72 | Indirect immobilized Jagged1 suppresses cell cycle progression and induces odonto/osteogenic differentiation in human dental pulp cells. Scientific Reports, 2017, 7, 10124. | 3.3 | 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. | 1.8 | 7 |
| 74 | Recombinant human osteopontin expressed in Nicotiana benthamiana stimulates osteogenesis related genes in human periodontal ligament cells. Scientific Reports, 2017, 7, 17358. | 3.3 | 26 |
| 75 | 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. | 3.4 | 3 |
| 76 | Interleukinâ€12 modulates the immunomodulatory properties of human periodontal ligament cells. Journal of Periodontal Research, 2017, 52, 546-555. | 2.7 | 22 |
| 77 | Histone deacetylase inhibition enhances in-vivo bone regeneration induced by human periodontal ligament cells. Bone, 2017, 95, 76-84. | 2.9 | 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. | 2.6 | 15 |
| 79 | Interleukin-1Î² induces human cementoblasts to support osteoclastogenesis. International Journal of Oral Science, 2017, 9, e5-e5. | 8.6 | 39 |
| 80 | 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. | 0.5 | 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. | 1.7 | 16 |
| 82 | Estradiol induces osteoprotegerin expression by human dental pulp cells. Odontology / the Society of the Nippon Dental University, 2016, 104, 10-18. | 1.9 | 9 |
| 83 | Jagged1 inhibits <scp>osteoprotegerin</scp> expression by human periodontal ligament cells. Journal of Periodontal Research, 2016, 51, 789-799. | 2.7 | 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. | 1.9 | 5 |
| 85 | 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. | 1.9 | 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. | 1.2 | 2 |
| 87 | Hypoxia enhances osteogenic differentiation in retinoic acid-treated murine-induced pluripotent stem cells. Tissue Engineering and Regenerative Medicine, 2016, 13, 547-553. | 3.7 | 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. | 2.2 | 24 |
| 89 | Inhibition of Histone Deacetylases Enhances the Osteogenic Differentiation of Human Periodontal Ligament Cells. Journal of Cellular Biochemistry, 2016, 117, 1384-1395. | 2.6 | 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. | 4.0 | 72 |

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|---|---|---|---|
| 91 | 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. | 1.8 | 35 |
| 92 | Influence of Jagged1 on apoptosis-related gene expression: a microarray database analysis. Genes and Genomics, 2015, 37, 837-843. | 1.4 | 1 |
| 93 | Intermittent Compressive Stress Enhanced Insulin-Like Growth Factor-1 Expression in Human Periodontal Ligament Cells. International Journal of Cell Biology, 2015, 2015, 1-9. | 2.5 | 7 |
| 94 | Mechanical Forceâ€“induced TGFB1 Increases Expression of SOST/POSTN by hPDL Cells. Journal of Dental Research, 2015, 94, 983-989. | 5.2 | 46 |
| 95 | TNF-Î± stimulates MMP-3 production via PGE2 signalling through the NF-ĸB and p38 MAPK pathway in a murine cementoblast cell line. Archives of Oral Biology, 2015, 60, 1066-1074. | 1.8 | 42 |
| 96 | Structural modification and characterization of bacterial celluloseâ€“alginate composite scaffolds for tissue engineering. Carbohydrate Polymers, 2015, 132, 146-155. | 10.2 | 123 |
| 97 | Role of endogenous basic fibroblast growth factor in stem cells isolated from human exfoliated deciduous teeth. Archives of Oral Biology, 2015, 60, 408-415. | 1.8 | 32 |
| 98 | 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. | 1.8 | 8 |
| 99 | 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. | 1.8 | 45 |
| 100 | Controlled Osteogenic Differentiation of Mouse Mesenchymal Stem Cells by Tetracycline-Controlled Transcriptional Activation of Amelogenin. PLoS ONE, 2015, 10, e0145677. | 2.5 | 13 |
| 101 | Neurogenic differentiation of human dental pulp stem cells using different induction protocols. Oral Diseases, 2014, 20, 352-358. | 3.0 | 48 |
| 102 | High Glucose Condition Suppresses Neurosphere Formation by Human Periodontal Ligamentâ€Derived Mesenchymal Stem Cells. Journal of Cellular Biochemistry, 2014, 115, 928-939. | 2.6 | 21 |
| 103 | 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. | 4.0 | 138 |
| 104 | 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. | 4.1 | 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. Odontology / the Society of the Nippon Dental University, 2014, 102, 160-166. | 1.9 | 33 |
| 106 | Gamma irradiation synthesis and characterization of AgNP/gelatin/PVA hydrogels for antibacterial wound dressings. Journal of Applied Polymer Science, 2014, 131, . | 2.6 | 26 |
| 107 | Iloprost Induces Tertiary Dentin Formation. Journal of Endodontics, 2014, 40, 1784-1790. | 3.1 | 14 |
| 108 | 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. | 2.1 | 34 |

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|---|---|---|---|
| 109 | <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. | 2.7 | 25 |
| 110 | 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. | 2.6 | 63 |
| 111 | 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. | 3.7 | 24 |
| 112 | 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. | 3.1 | 19 |
| 113 | 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. | 2.7 | 14 |
| 114 | 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. | 4.0 | 67 |
| 115 | Asiaticoside Induces Type I Collagen Synthesis and Osteogenic Differentiation in Human Periodontal Ligament Cells. Phytotherapy Research, 2013, 27, 457-462. | 5.8 | 36 |
| 116 | Transient receptor potential vanilloidâ€1 regulates osteoprotegerin/RANKL homeostasis in human periodontal ligament cells. Journal of Periodontal Research, 2013, 48, 22-29. | 2.7 | 18 |
| 117 | bFGF and JAGGED1 regulate alkaline phosphatase expression and mineralization in dental tissue-derived mesenchymal stem cells. Journal of Cellular Biochemistry, 2013, 114, 2551-2561. | 2.6 | 40 |
| 118 | <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. | 3.0 | 17 |
| 119 | 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. | 2.7 | 39 |
| 120 | Notch Signaling Is Involved in Neurogenic Commitment of Human Periodontal Ligament-Derived Mesenchymal Stem Cells. Stem Cells and Development, 2013, 22, 1220-1231. | 2.1 | 39 |
| 121 | Anti-periodontal Pathogen and Anti-inflammatory Activities of Oxyresveratrol. Natural Product Communications, 2013, 8, 1934578X1300800. | 0.5 | 6 |
| 122 | Biological responses of MC3T3-E1 cultured on poly(□-caprolactone) sponge scaffolds filled with crude bone protein-loaded hydroxyapatite nanoparticles. , 2012, , . | | 0 |
| 123 | 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. | 3.0 | 45 |
| 124 | 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. | 3.5 | 19 |
| 125 | Effect of Fluocinolone Acetonide on Human Dental Pulp Cells: Cytotoxicity, Proliferation, and Extracellular Matrix Formation. Journal of Endodontics, 2011, 37, 181-184. | 3.1 | 13 |
| 126 | Role of mechanical stress on the function of periodontal ligament cells. Periodontology 2000, 2011, 56, 154-165. | 13.4 | 33 |

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|---|---|---|---|
| 127 | Role of connexin43 hemichannels in mechanical stress-induced ATP release in human periodontal ligament cells. Journal of Periodontal Research, 2011, 46, no-no. | 2.7 | 35 |
| 128 | Pressure induces interleukin-6 expression via the P2Y6 receptor in human dental pulp cells. Archives of Oral Biology, 2011, 56, 1230-1237. | 1.8 | 13 |
| 129 | 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. | 2.6 | 94 |
| 130 | Electrospun poly(<scp>L</scp>â€lactic acid)/hydroxyapatite composite fibrous scaffolds for bone tissue engineering. Polymer International, 2010, 59, 227-235. | 3.1 | 15 |
| 131 | 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. | 4.0 | 165 |
| 132 | Adenosine triphosphate stimulates RANKL expression through P2Y<sub>1</sub>receptor-cyclo-oxygenase-dependent pathway in human periodontal ligament cells. Journal of Periodontal Research, 2010, 45, 404-411. | 2.7 | 27 |
| 133 | Detection of LINE-1s hypomethylation in oral rinses of oral squamous cell carcinoma patients. Oral Oncology, 2009, 45, 184-191. | 1.5 | 36 |
| 134 | Osteoprotegerin induces osteopontin via syndecanâ€1 and phosphoinositol 3â€kinase/Akt in human periodontal ligament cells. Journal of Periodontal Research, 2009, 44, 776-783. | 2.7 | 6 |
| 135 | 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. | 3.0 | 10 |
| 136 | TGF-Î²1 induced MMP-9 expression in HNSCC cell lines via Smad/MLCK pathway. Biochemical and Biophysical Research Communications, 2008, 371, 713-718. | 2.1 | 70 |
| 137 | Mechanical Stress Induces Osteopontin via ATP/P2Y1 in Periodontal Cells. Journal of Dental Research, 2008, 87, 564-568. | 5.2 | 45 |
| 138 | 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. | 3.1 | 17 |
| 139 | Mechanical Stress Induces Osteopontin Expression in Human Periodontal Ligament Cells Through Rho Kinase. Journal of Periodontology, 2007, 78, 1113-1119. | 3.4 | 37 |
| 140 | Osteoblastic Phenotype Expression of MC3T3-E1 Cultured on Electrospun Polycaprolactone Fiber Mats Filled with Hydroxyapatite Nanoparticles. Biomacromolecules, 2007, 8, 2602-2610. | 5.4 | 131 |
| 141 | Preparation and Characterization of Novel Bone Scaffolds Based on Electrospun Polycaprolactone Fibers Filled with Nanoparticles. Macromolecular Bioscience, 2006, 6, 70-77. | 4.1 | 224 |
| 142 | Novel Bone Scaffolds of Electrospun Polycaprolactone Fibers Filled with Nanoparticles. Journal of Nanoscience and Nanotechnology, 2006, 6, 514-522. | 0.9 | 76 |
| 143 | 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. | 2.1 | 4 |
| 144 | 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. | 1.8 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Activation of MMP-2 by Porphyromonas gingivalis in human periodontal ligament cells. Journal of Periodontal Research, 2003, 38, 115-121. | 2.7 | 52 |