

Hiroyuki Kanzaki

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,894
citations

393982

19
h-index

301761

39
g-index

51
all docs

51
docs citations

51
times ranked

1968
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Chewing-induced Increase of Brain Blood Flow in Mandibular Prognathism Was Less Compared to Normal Occlusion. <i>The Japanese Journal of Jaw Deformities</i> , 2021, 31, 172-180. | 0.1 | 0 |
| 2 | Bach1 Inhibition Suppresses Osteoclastogenesis via Reduction of the Signaling via Reactive Oxygen Species by Reinforced Antioxidation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 740. | 1.8 | 14 |
| 3 | InÂvivo delivery of an exogenous molecule into murine T lymphocytes using a lymphatic drug delivery system combined with sonoporation. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 1025-1031. | 1.0 | 10 |
| 4 | Sustained Release of Catechin from Gelatin and Its Effect on Bone Formation in Critical Sized Defects in Rat Calvaria. <i>Journal of Hard Tissue Biology</i> , 2020, 29, 77-84. | 0.2 | 7 |
| 5 | Nutritional supplementation with myo-inositol in growing mice specifically augments mandibular endochondral growth. <i>Bone</i> , 2019, 121, 181-190. | 1.4 | 3 |
| 6 | Compression and tension variably alter Osteoprotegerin expression via miR-3198 in periodontal ligament cells. <i>BMC Molecular and Cell Biology</i> , 2019, 20, 6. | 1.0 | 16 |
| 7 | Nrf2 activation in osteoblasts suppresses osteoclastogenesis via inhibiting IL-6 expression.. <i>Bone Reports</i> , 2019, 11, 100228. | 0.2 | 23 |
| 8 | Mandibular prognathism attenuates brain blood flow induced by chewing. <i>Scientific Reports</i> , 2019, 9, 19104. | 1.6 | 3 |
| 9 | Dimethyl fumarate inhibits osteoclasts <i>via</i> attenuation of reactive oxygen species signalling by augmented antioxidation. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1138-1147. | 1.6 | 50 |
| 10 | Orthodontic tooth movement and HMGB1. <i>Journal of Oral Biosciences</i> , 2018, 60, 49-53. | 0.8 | 6 |
| 11 | Nasopharyngoscopic Analyses through Anterior Maxillary Distraction Osteogenesis for Adolescent Patients With Cleft Palate. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 270-274. | 0.3 | 3 |
| 12 | Single Local Injection of Epigallocatechin Gallate-Modified Gelatin Attenuates Bone Resorption and Orthodontic Tooth Movement in Mice. <i>Polymers</i> , 2018, 10, 1384. | 2.0 | 18 |
| 13 | Author's response. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2018, 154, 461-462. | 0.8 | 0 |
| 14 | Orthodontic treatment of acquired open bite accompanied with extreme mesially inclined mandibular molars. <i>International Orthodontics</i> , 2018, 16, 744-760. | 0.6 | 0 |
| 15 | Antibacterial, Hydrophilic Effect and Mechanical Properties of Orthodontic Resin Coated with UV-Responsive Photocatalyst. <i>Materials</i> , 2018, 11, 889. | 1.3 | 15 |
| 16 | Phosphoglycerol dihydroceramide, a distinctive ceramide produced by <i>Porphyromonas gingivalis</i> , promotes RANKL-induced osteoclastogenesis by acting on non-muscle myosin II-A (Myh9), an osteoclast cell fusion regulatory factor. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 452-462. | 1.2 | 30 |
| 17 | Orthodontic tensile strain induces angiogenesis via type IV collagen degradation by matrix metalloproteinaseâ€2. <i>Journal of Periodontal Research</i> , 2017, 52, 842-852. | 1.4 | 14 |
| 18 | Novel device for application of continuous mechanical tensile strain to mammalian cells. <i>Biology Open</i> , 2017, 6, 518-524. | 0.6 | 10 |

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|----|--|-----|-----------|
| 19 | Midfacial Changes Through Anterior Maxillary Distraction Osteogenesis in Patients With Cleft Lip and Palate. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 1057-1062. | 0.3 | 14 |
| 20 | Asporin stably expressed in the surface layer of mandibular condylar cartilage and augmented in the deeper layer with age. <i>Bone Reports</i> , 2017, 7, 41-50. | 0.2 | 4 |
| 21 | Influence of posterior cranial base growth on the therapeutic effect of bite jumping appliance. <i>Orthodontic Waves</i> , 2017, 76, 215-220. | 0.2 | 0 |
| 22 | Possible alternative treatment for mandibular asymmetry by local unilateral IGF-1 injection into the mandibular condylar cavity: Experimental study in mice. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017, 152, 820-829. | 0.8 | 12 |
| 23 | RANKL induces Bach1 nuclear import and attenuates Nrf2-mediated antioxidant enzymes, thereby augmenting intracellular reactive oxygen species signaling and osteoclastogenesis in mice. <i>FASEB Journal</i> , 2017, 31, 781-792. | 0.2 | 52 |
| 24 | Pathways that Regulate ROS Scavenging Enzymes, and Their Role in Defense Against Tissue Destruction in Periodontitis. <i>Frontiers in Physiology</i> , 2017, 8, 351. | 1.3 | 112 |
| 25 | Soluble RANKL Cleaved from Activated Lymphocytes by TNF- α -Converting Enzyme Contributes to Osteoclastogenesis in Periodontitis. <i>Journal of Immunology</i> , 2016, 197, 3871-3883. | 0.4 | 48 |
| 26 | A-Disintegrin and Metalloproteinase (ADAM) 17 Enzymatically Degrades Interferon-gamma. <i>Scientific Reports</i> , 2016, 6, 32259. | 1.6 | 13 |
| 27 | Molecular regulatory mechanisms of osteoclastogenesis through cytoprotective enzymes. <i>Redox Biology</i> , 2016, 8, 186-191. | 3.9 | 74 |
| 28 | The main occluding area in normal occlusion and mandibular prognathism. <i>Angle Orthodontist</i> , 2016, 86, 87-93. | 1.1 | 7 |
| 29 | Occlusal hypofunction mediates alveolar bone apposition via relative augmentation of TGF- β 2 signaling by decreased Asporin production in rats. <i>Dental, Oral, and Craniofacial Research</i> , 2016, 3, . | 0.1 | 4 |
| 30 | Delivery of Molecules to the Lymph Node via Lymphatic Vessels Using Ultrasound and Nano/Microbubbles. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 1411-1421. | 0.7 | 25 |
| 31 | Nrf2 Activation Attenuates Both Orthodontic Tooth Movement and Relapse. <i>Journal of Dental Research</i> , 2015, 94, 787-794. | 2.5 | 35 |
| 32 | Nuclear Nrf2 Induction by Protein Transduction Attenuates Osteoclastogenesis. <i>Free Radical Biology and Medicine</i> , 2014, 77, 239-248. | 1.3 | 37 |
| 33 | 2A12 Amelioration of bone destructive disease by cell-permeable peptide, 7R-ETGE. <i>The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME</i> , 2014, 2014.26, 253-254. | 0.0 | 0 |
| 34 | The Keap1/Nrf2 Protein Axis Plays a Role in Osteoclast Differentiation by Regulating Intracellular Reactive Oxygen Species Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 23009-23020. | 1.6 | 141 |
| 35 | J023014 Molecular delivery system into lymph nodes using ultrasound and nanobubbles. <i>The Proceedings of Mechanical Engineering Congress Japan</i> , 2013, 2013, _J023014-1- _J023014-5. | 0.0 | 0 |
| 36 | HVJ-E/importin- β hybrid vector for overcoming cytoplasmic and nuclear membranes as double barrier for non-viral gene delivery. <i>Biomedicine and Pharmacotherapy</i> , 2012, 66, 519-524. | 2.5 | 7 |

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|----|---|-----|-----------|
| 37 | Local osteoprotegerin gene transfer inhibits relapse of orthodontic tooth movement. American Journal of Orthodontics and Dentofacial Orthopedics, 2012, 141, 30-40. | 0.8 | 35 |
| 38 | Effects of local osteoprotegerin gene transfection on orthodontic root resorption during retention: an <i>in vivo</i> micro-CT analysis. Orthodontics and Craniofacial Research, 2012, 15, 10-20. | 1.2 | 21 |
| 39 | Is RANKL shedding involved in immune cell-mediated osteoclastogenesis?. , 2010, , 403-405. | | 3 |
| 40 | Local osteoprotegerin gene transfer to periodontal tissue inhibits lipopolysaccharide-induced alveolar bone resorption. Journal of Periodontal Research, 2008, 43, 237-245. | 1.4 | 19 |
| 41 | Clodronate Inhibits PGE ₂ Production in Compressed Periodontal Ligament Cells. Journal of Dental Research, 2006, 85, 757-760. | 2.5 | 39 |
| 42 | Local RANKL gene transfer to the periodontal tissue accelerates orthodontic tooth movement. Gene Therapy, 2006, 13, 678-685. | 2.3 | 147 |
| 43 | Cyclical Tensile Force on Periodontal Ligament Cells Inhibits Osteoclastogenesis through OPG Induction. Journal of Dental Research, 2006, 85, 457-462. | 2.5 | 73 |
| 44 | Local OPG Gene Transfer to Periodontal Tissue Inhibits Orthodontic Tooth Movement. Journal of Dental Research, 2004, 83, 920-925. | 2.5 | 138 |
| 45 | Periodontal Ligament Cells Under Mechanical Stress Induce Osteoclastogenesis by Receptor Activator of Nuclear Factor κ B Ligand Up-Regulation via Prostaglandin E2 Synthesis. Journal of Bone and Mineral Research, 2002, 17, 210-220. | 3.1 | 423 |
| 46 | Dual Regulation of Osteoclast Differentiation by Periodontal Ligament Cells through RANKL Stimulation and OPG Inhibition. Journal of Dental Research, 2001, 80, 887-891. | 2.5 | 188 |
| 47 | Initial Responses of Periodontal Ligament Cells Induced by Mechanical Stress. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2001, 2001.13, 192-193. | 0.0 | 0 |