# Takayoshi Yamaza

## List of Publications by Year in Descending Order



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| 85 papers | 6,594 citations | 36 h-index | 81 g-index |
| 91 ext. papers | 7,435 ext. citations | 5.9 avg, IF | 5.17 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 85 | Protocol to generate xenogeneic-free/serum-free human dental pulp stem cells.. *STAR Protocols*, **2022**, 3, 101386 | 1.4 | 0 |
| 84 | Dental pulp stem cells as a therapy for congenital entero-neuropathy.. *Scientific Reports*, **2022**, 12, 6990 | 4.9 | 0 |
| 83 | Biliary atresia-specific deciduous pulp stem cells feature biliary deficiency. *Stem Cell Research and Therapy*, **2021**, 12, 582 | 8.3 | 1 |
| 82 | Leucine rich amelogenin peptide prevents ovariectomy-induced bone loss in mice. *PLoS ONE*, **2021**, 16, e0259966 | 3.7 | 0 |
| 81 | Modulation of osteoclastogenesis through adrenomedullin receptors on osteoclast precursors: initiation of differentiation by asymmetric cell division. *Laboratory Investigation*, **2021**, 101, 1449-1457 | 5.9 | 0 |
| 80 | Targeting of Deciduous Tooth Pulp Stem Cell-Derived Extracellular Vesicles on Telomerase-Mediated Stem Cell Niche and Immune Regulation in Systemic Lupus Erythematosus. *Journal of Immunology*, **2021**, | 5.3 | 2 |
| 79 | Cholangiogenic potential of human deciduous pulp stem cell-converted hepatocyte-like cells. *Stem Cell Research and Therapy*, **2021**, 12, 57 | 8.3 | 3 |
| 78 | Bone morphogenetic protein induces bone invasion of melanoma by epithelial-mesenchymal transition via the Smad1/5 signaling pathway. *Laboratory Investigation*, **2021**, 101, 1475-1483 | 5.9 | 2 |
| 77 | In vitro and in vivo detection of tunneling nanotubes in normal and pathological osteoclastogenesis involving osteoclast fusion. *Laboratory Investigation*, **2021**, 101, 1571-1584 | 5.9 | 0 |
| 76 | A model study for the manufacture and validation of clinical-grade deciduous dental pulp stem cells for chronic liver fibrosis treatment. *Stem Cell Research and Therapy*, **2020**, 11, 134 | 8.3 | 9 |
| 75 | Extracellular vesicles from deciduous pulp stem cells recover bone loss by regulating telomerase activity in an osteoporosis mouse model. *Stem Cell Research and Therapy*, **2020**, 11, 296 | 8.3 | 12 |
| 74 | Therapeutic potential of spheroids of stem cells from human exfoliated deciduous teeth for chronic liver fibrosis and hemophilia A. *Pediatric Surgery International*, **2019**, 35, 1379-1388 | 2.1 | 7 |
| 73 | Regenerative medicine using stem cells from human exfoliated deciduous teeth (SHED): a promising new treatment in pediatric surgery. *Surgery Today*, **2019**, 49, 316-322 | 3 | 20 |
| 72 | Acetylsalicylic Acid Treatment and Suppressive Regulation of AKT Accelerate Odontogenic Differentiation of Stem Cells from the Apical Papilla. *Journal of Endodontics*, **2019**, 45, 591-598.e6 | 4.7 | 6 |
| 71 | Therapeutic potential of hepatocyte-like-cells converted from stem cells from human exfoliated deciduous teeth in fulminant Wilson's disease. *Scientific Reports*, **2019**, 9, 1535 | 4.9 | 12 |
| 70 | Osteoblast lineage-specific cell-surface antigen (A7) regulates osteoclast recruitment and calcification during bone remodeling. *Laboratory Investigation*, **2019**, 99, 866-884 | 5.9 | 4 |
| 69 | Novel Application Method for Mesenchymal Stem Cell Therapy Utilizing Its Attractant-Responsive Accumulation Property. *Applied Sciences (Switzerland)*, **2019**, 9, 4908 | 2.6 | 4 |

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| 68 | Exogenous nitric oxide stimulates the odontogenic differentiation of rat dental pulp stem cells. *Scientific Reports*, **2018**, 8, 3419 | 4.9 | 18 |
| 67 | The influence of systemically or locally administered mesenchymal stem cells on tissue repair in a rat oral implantation model. *International Journal of Implant Dentistry*, **2018**, 4, 2 | 2.8 | 7 |
| 66 | IL-1 Induces Pathologically Activated Osteoclasts Bearing Extremely High Levels of Resorbing Activity: A Possible Pathological Subpopulation of Osteoclasts, Accompanied by Suppressed Expression of Kindlin-3 and Talin-1. *Journal of Immunology*, **2018**, 200, 218-228 | 5.3 | 39 |
| 65 | Pamidronate decreases bilirubin-impaired cell death and improves dentinogenic dysfunction of stem cells from human deciduous teeth. *Stem Cell Research and Therapy*, **2018**, 9, 303 | 8.3 | 3 |
| 64 | Suppression of AKT-mTOR signal pathway enhances osteogenic/dentinogenic capacity of stem cells from apical papilla. *Stem Cell Research and Therapy*, **2018**, 9, 334 | 8.3 | 19 |
| 63 | In vivo and ex vivo methods of growing a liver bud through tissue connection. *Scientific Reports*, **2017**, 7, 14085 | 4.9 | 59 |
| 62 | Osteoblast-derived Laminin-332 is a novel negative regulator of osteoclastogenesis in bone microenvironments. *Laboratory Investigation*, **2017**, 97, 1235-1244 | 5.9 | 7 |
| 61 | Interferon-gamma improves impaired dentinogenic and immunosuppressive functions of irreversible pulpitis-derived human dental pulp stem cells. *Scientific Reports*, **2016**, 6, 19286 | 4.9 | 20 |
| 60 | Therapeutic interactions between mesenchymal stem cells for healing medication-related osteonecrosis of the jaw. *Stem Cell Research and Therapy*, **2016**, 7, 119 | 8.3 | 10 |
| 59 | In vivo hepatogenic capacity and therapeutic potential of stem cells from human exfoliated deciduous teeth in liver fibrosis in mice. *Stem Cell Research and Therapy*, **2015**, 6, 171 | 8.3 | 47 |
| 58 | Transplantation of mesenchymal stem cells ameliorates secondary osteoporosis through interleukin-17-impaired functions of recipient bone marrow mesenchymal stem cells in MRL/lpr mice. *Stem Cell Research and Therapy*, **2015**, 6, 104 | 8.3 | 45 |
| 57 | Telomerase governs immunomodulatory properties of mesenchymal stem cells by regulating FAS ligand expression. *EMBO Molecular Medicine*, **2014**, 6, 322-34 | 12 | 35 |
| 56 | Therapeutic potential of mesenchymal stem cell transplantation in a nitrofen-induced congenital diaphragmatic hernia rat model. *Pediatric Surgery International*, **2014**, 30, 907-14 | 2.1 | 21 |
| 55 | Therapeutic interaction of systemically-administered mesenchymal stem cells with peri-implant mucosa. *PLoS ONE*, **2014**, 9, e90681 | 3.7 | 11 |
| 54 | Mesenchymal stem cells markedly suppress inflammatory bone destruction in rats with adjuvant-induced arthritis. *Laboratory Investigation*, **2014**, 94, 286-96 | 5.9 | 45 |
| 53 | Promotive effect of insulin-like growth factor-1 for epithelial sealing to titanium implants. *Journal of Biomedical Materials Research - Part A*, **2013**, 101, 2896-904 | 5.4 | 16 |
| 52 | Tunneling nanotube formation is essential for the regulation of osteoclastogenesis. *Journal of Cellular Biochemistry*, **2013**, 114, 1238-47 | 4.7 | 43 |
| 51 | Ossifying fibroma tumor stem cells are maintained by epigenetic regulation of a TSP1/TGF- /SMAD3 autocrine loop. *Cell Stem Cell*, **2013**, 13, 577-89 | 18 | 11 |

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| 50 | The role of phosphoinositide 3-kinase in adhesion of oral epithelial cells to titanium. *Archives of Oral Biology*, **2013**, 58, 1696-708 | 2.8 | 3 |
| 49 | Mesenchymal-stem-cell-induced immunoregulation involves FAS-ligand-/FAS-mediated T cell apoptosis. *Cell Stem Cell*, **2012**, 10, 544-55 | 18 | 499 |
| 48 | Characterization of bone marrow derived mesenchymal stem cells in suspension. *Stem Cell Research and Therapy*, **2012**, 3, 40 | 8.3 | 65 |
| 47 | Cryopreserved dental pulp tissues of exfoliated deciduous teeth is a feasible stem cell resource for regenerative medicine. *PLoS ONE*, **2012**, 7, e51777 | 3.7 | 98 |
| 46 | Double allogenic mesenchymal stem cells transplantations could not enhance therapeutic effect compared with single transplantation in systemic lupus erythematosus. *Clinical and Developmental Immunology*, **2012**, 2012, 273291 | | 28 |
| 45 | Expression of Integrin Alpha-3 and Beta-4 Subunits on the Process of Peri-Implant Epithelium Formation. *Key Engineering Materials*, **2012**, 529-530, 407-412 | 0.4 | |
| 44 | Mouse mandible contains distinctive mesenchymal stem cells. *Journal of Dental Research*, **2011**, 90, 317-24 | 4.1 | 74 |
| 43 | Utility of PDL progenitors for in vivo tissue regeneration: a report of 3 cases. *Oral Diseases*, **2010**, 16, 20-8 | 3.5 | 218 |
| 42 | Stem/progenitor cells from inflamed human dental pulp retain tissue regeneration potential. *Regenerative Medicine*, **2010**, 5, 617-31 | 2.5 | 205 |
| 41 | Signaling by FGFR2b controls the regenerative capacity of adult mouse incisors. *Development (Cambridge)*, **2010**, 137, 3743-52 | 6.6 | 59 |
| 40 | Immunomodulatory properties of stem cells from human exfoliated deciduous teeth. *Stem Cell Research and Therapy*, **2010**, 1, 5 | 8.3 | 216 |
| 39 | Stem/progenitor cell-mediated de novo regeneration of dental pulp with newly deposited continuous layer of dentin in an in vivo model. *Tissue Engineering - Part A*, **2010**, 16, 605-15 | 3.9 | 452 |
| 38 | TGF-beta mediated FGF10 signaling in cranial neural crest cells controls development of myogenic progenitor cells through tissue-tissue interactions during tongue morphogenesis. *Developmental Biology*, **2010**, 341, 186-95 | 3.1 | 56 |
| 37 | Cell-based immunotherapy with mesenchymal stem cells cures bisphosphonate-related osteonecrosis of the jaw-like disease in mice. *Journal of Bone and Mineral Research*, **2010**, 25, 1668-79 | 6.3 | 154 |
| 36 | Tumor-like stem cells derived from human keloid are governed by the inflammatory niche driven by IL-17/IL-6 axis. *PLoS ONE*, **2009**, 4, e7798 | 3.7 | 79 |
| 35 | TRPV2 expression in rat oral mucosa. *Histochemistry and Cell Biology*, **2009**, 132, 423-33 | 2.4 | 16 |
| 34 | Distribution of substance P and neurokinin-1 receptors in the peri-implant epithelium around titanium dental implants in rats. *Cell and Tissue Research*, **2009**, 335, 407-15 | 4.2 | 6 |
| 33 | Stem cell property of postmigratory cranial neural crest cells and their utility in alveolar bone regeneration and tooth development. *Stem Cells*, **2009**, 27, 866-77 | 5.8 | 83 |

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| 32 | Mesenchymal stem cell transplantation reverses multiorgan dysfunction in systemic lupus erythematosus mice and humans. *Stem Cells*, **2009**, 27, 1421-32 | 5.8 | 456 |
| 31 | BCOR regulates mesenchymal stem cell function by epigenetic mechanisms. *Nature Cell Biology*, **2009**, 11, 1002-9 | 23.4 | 187 |
| 30 | Mesenchymal stem cell-mediated ectopic hematopoiesis alleviates aging-related phenotype in immunocompromised mice. *Blood*, **2009**, 113, 2595-604 | 2.2 | 38 |
| 29 | Characterization of the apical papilla and its residing stem cells from human immature permanent teeth: a pilot study. *Journal of Endodontics*, **2008**, 34, 166-71 | 4.7 | 810 |
| 28 | Is aspirin treatment an appropriate intervention to osteoporosis?. *Future Rheumatology*, **2008**, 3, 499-502 | | 12 |
| 27 | Pharmacologic stem cell based intervention as a new approach to osteoporosis treatment in rodents. *PLoS ONE*, **2008**, 3, e2615 | 3.7 | 136 |
| 26 | SHED repair critical-size calvarial defects in mice. *Oral Diseases*, **2008**, 14, 428-34 | 3.5 | 199 |
| 25 | Human Hertwig's epithelial root sheath cells play crucial roles in cementum formation. *Journal of Dental Research*, **2007**, 86, 594-9 | 8.1 | 119 |
| 24 | Transplantation of mesenchymal stem cells is an optimal approach for plastic surgery. *Stem Cells*, **2007**, 25, 1021-8 | 5.8 | 59 |
| 23 | Sequential expression of endothelial nitric oxide synthase, inducible nitric oxide synthase, and nitrotyrosine in odontoblasts and pulp cells during dentin repair after tooth preparation in rat molars. *Cell and Tissue Research*, **2007**, 328, 117-27 | 4.2 | 18 |
| 22 | Cystatin C stimulates the differentiation of mouse osteoblastic cells and bone formation. *Biochemical and Biophysical Research Communications*, **2007**, 360, 199-204 | 3.4 | 31 |
| 21 | Capsaicin receptor expression in the rat temporomandibular joint. *Cell and Tissue Research*, **2006**, 325, 47-54 | 4.2 | 21 |
| 20 | Mesenchymal stem cell-mediated functional tooth regeneration in swine. *PLoS ONE*, **2006**, 1, e79 | 3.7 | 859 |
| 19 | Localization of the Endogenous Cysteine Proteinase Inhibitor, Cystatin C, and the Cysteine Proteinase, Cathepsin B, to the Junctional Epithelium in Rat Gingiva. *Acta Histochemica Et Cytochemica*, **2005**, 38, 121-129 | 1.9 | 1 |
| 18 | Immunocytochemical localization of the neurokinin 1 receptor in rat dental pulp. *Archives of Histology and Cytology*, **2005**, 68, 259-65 | | 4 |
| 17 | The bisphosphonate pamidronate on the surface of titanium stimulates bone formation around tibial implants in rats. *Biomaterials*, **2005**, 26, 581-7 | 15.6 | 106 |
| 16 | Changes in the distribution of laminin-5 during peri-implant epithelium formation after immediate titanium implantation in rats. *Biomaterials*, **2005**, 26, 1751-60 | 15.6 | 64 |
| 15 | Ultrastructural localization of laminin-5 (gamma2 chain) in the rat peri-implant oral mucosa around a titanium-dental implant by immuno-electron microscopy. *Biomaterials*, **2005**, 26, 6280-7 | 15.6 | 79 |

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| 14 | Expression of osteocalcin and Jun D in the early period during reactionary dentin formation after tooth preparation in rat molars. *Cell and Tissue Research*, **2005**, 319, 455-65 | 4.2 | 16 |
| 13 | NF-kappaB activation and iNOS expression in the synovial membrane of rat temporomandibular joints after induced synovitis. *Journal of Dental Research*, **2003**, 82, 183-8 | 8.1 | 22 |
| 12 | Cathepsins in the osteoclast. *Journal of Electron Microscopy*, **2003**, 52, 551-8 | | 73 |
| 11 | Biological characteristics of the junctional epithelium. *Journal of Electron Microscopy*, **2003**, 52, 627-39 | | 82 |
| 10 | Difference in penetration of horseradish peroxidase tracer as a foreign substance into the peri-implant or junctional epithelium of rat gingivae. *Clinical Oral Implants Research*, **2002**, 13, 243-51 | 4.8 | 66 |
| 9 | Distribution of Inducible Nitric Oxide Synthase, Interleukin-1.BETA., and Interleukin-1 Receptor in the Temporomandibular Joint of Normal Rats.. *Acta Histochemica Et Cytochemica*, **2002**, 35, 11-21 | 1.9 | 5 |
| 8 | Substance P Activates Osteoclast Formation and Osteoclastic Bone Resorption through the Neurokinin-1 Receptor.. *Acta Histochemica Et Cytochemica*, **2001**, 34, 31-38 | 1.9 | 8 |
| 7 | Substance P and substance P receptors in bone and gingival tissues. *Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan*, **2001**, 34, 77-85 | | 30 |
| 6 | Topography and distribution of sympathetic nerve fibers in the rat temporomandibular joint: immunocytochemistry and ultrastructure. *Anatomy and Embryology*, **2001**, 203, 357-66 | | 17 |
| 5 | Ultrastructural and immunoelectron microscopic studies of the peri-implant epithelium-implant (Ti-6Al-4V) interface of rat maxilla. *Journal of Periodontology*, **2000**, 71, 961-73 | 4.6 | 97 |
| 4 | Immunocytochemical localization of substance P neurokinin-1 receptors in rat gingival tissue. *Cell and Tissue Research*, **1999**, 297, 213-22 | 4.2 | 20 |
| 3 | Light- and electron-microscopic study of the distribution of axons containing substance P and the localization of neurokinin-1 receptor in bone. *Cell and Tissue Research*, **1998**, 293, 87-93 | 4.2 | 88 |
| 2 | Immunocytochemical study of cathepsin L and rat salivary cystatin-3 in rat osteoclasts treated with E-64 in vivo. *Archives of Oral Biology*, **1997**, 42, 305-15 | 2.8 | 15 |
| 1 | The Changes in the Immunocytochemical Localization of Cathepsin L and Type I Collagen in Rat Osteoclasts Treated with E-64.. *Acta Histochemica Et Cytochemica*, **1995**, 28, 523-531 | 1.9 | 5 |