

Takayoshi Yamaza

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Mesenchymal stem cell-mediated functional tooth regeneration in swine. <i>PLoS ONE</i> , 2006 , 1, e79	3.7	859
84	Characterization of the apical papilla and its residing stem cells from human immature permanent teeth: a pilot study. <i>Journal of Endodontics</i> , 2008 , 34, 166-71	4.7	810
83	Mesenchymal-stem-cell-induced immunoregulation involves FAS-ligand-/FAS-mediated T cell apoptosis. <i>Cell Stem Cell</i> , 2012 , 10, 544-55	18	499
82	Mesenchymal stem cell transplantation reverses multiorgan dysfunction in systemic lupus erythematosus mice and humans. <i>Stem Cells</i> , 2009 , 27, 1421-32	5.8	456
81	Stem/progenitor cell-mediated de novo regeneration of dental pulp with newly deposited continuous layer of dentin in an in vivo model. <i>Tissue Engineering - Part A</i> , 2010 , 16, 605-15	3.9	452
80	Utility of PDL progenitors for in vivo tissue regeneration: a report of 3 cases. <i>Oral Diseases</i> , 2010 , 16, 20-8	3.5	218
79	Immunomodulatory properties of stem cells from human exfoliated deciduous teeth. <i>Stem Cell Research and Therapy</i> , 2010 , 1, 5	8.3	216
78	Stem/progenitor cells from inflamed human dental pulp retain tissue regeneration potential. <i>Regenerative Medicine</i> , 2010 , 5, 617-31	2.5	205
77	SHED repair critical-size calvarial defects in mice. <i>Oral Diseases</i> , 2008 , 14, 428-34	3.5	199
76	BCOR regulates mesenchymal stem cell function by epigenetic mechanisms. <i>Nature Cell Biology</i> , 2009 , 11, 1002-9	23.4	187
75	Cell-based immunotherapy with mesenchymal stem cells cures bisphosphonate-related osteonecrosis of the jaw-like disease in mice. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 1668-79	6.3	154
74	Pharmacologic stem cell based intervention as a new approach to osteoporosis treatment in rodents. <i>PLoS ONE</i> , 2008 , 3, e2615	3.7	136
73	Human Hertwig's epithelial root sheath cells play crucial roles in cementum formation. <i>Journal of Dental Research</i> , 2007 , 86, 594-9	8.1	119
72	The bisphosphonate pamidronate on the surface of titanium stimulates bone formation around tibial implants in rats. <i>Biomaterials</i> , 2005 , 26, 581-7	15.6	106
71	Cryopreserved dental pulp tissues of exfoliated deciduous teeth is a feasible stem cell resource for regenerative medicine. <i>PLoS ONE</i> , 2012 , 7, e51777	3.7	98
70	Ultrastructural and immunoelectron microscopic studies of the peri-implant epithelium-implant (Ti-6Al-4V) interface of rat maxilla. <i>Journal of Periodontology</i> , 2000 , 71, 961-73	4.6	97
69	Light- and electron-microscopic study of the distribution of axons containing substance P and the localization of neurokinin-1 receptor in bone. <i>Cell and Tissue Research</i> , 1998 , 293, 87-93	4.2	88

68	Stem cell property of postmigratory cranial neural crest cells and their utility in alveolar bone regeneration and tooth development. <i>Stem Cells</i> , 2009 , 27, 866-77	5.8	83
67	Biological characteristics of the junctional epithelium. <i>Journal of Electron Microscopy</i> , 2003 , 52, 627-39		82
66	Tumor-like stem cells derived from human keloid are governed by the inflammatory niche driven by IL-17/IL-6 axis. <i>PLoS ONE</i> , 2009 , 4, e7798	3.7	79
65	Ultrastructural localization of laminin-5 (gamma2 chain) in the rat peri-implant oral mucosa around a titanium-dental implant by immuno-electron microscopy. <i>Biomaterials</i> , 2005 , 26, 6280-7	15.6	79
64	Mouse mandible contains distinctive mesenchymal stem cells. <i>Journal of Dental Research</i> , 2011 , 90, 317-24		74
63	Cathepsins in the osteoclast. <i>Journal of Electron Microscopy</i> , 2003 , 52, 551-8		73
62	Difference in penetration of horseradish peroxidase tracer as a foreign substance into the peri-implant or junctional epithelium of rat gingivae. <i>Clinical Oral Implants Research</i> , 2002 , 13, 243-51	4.8	66
61	Characterization of bone marrow derived mesenchymal stem cells in suspension. <i>Stem Cell Research and Therapy</i> , 2012 , 3, 40	8.3	65
60	Changes in the distribution of laminin-5 during peri-implant epithelium formation after immediate titanium implantation in rats. <i>Biomaterials</i> , 2005 , 26, 1751-60	15.6	64
59	In vivo and ex vivo methods of growing a liver bud through tissue connection. <i>Scientific Reports</i> , 2017 , 7, 14085	4.9	59
58	Signaling by FGFR2b controls the regenerative capacity of adult mouse incisors. <i>Development (Cambridge)</i> , 2010 , 137, 3743-52	6.6	59
57	Transplantation of mesenchymal stem cells is an optimal approach for plastic surgery. <i>Stem Cells</i> , 2007 , 25, 1021-8	5.8	59
56	TGF-beta mediated FGF10 signaling in cranial neural crest cells controls development of myogenic progenitor cells through tissue-tissue interactions during tongue morphogenesis. <i>Developmental Biology</i> , 2010 , 341, 186-95	3.1	56
55	In vivo hepatogenic capacity and therapeutic potential of stem cells from human exfoliated deciduous teeth in liver fibrosis in mice. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 171	8.3	47
54	Transplantation of mesenchymal stem cells ameliorates secondary osteoporosis through interleukin-17-impaired functions of recipient bone marrow mesenchymal stem cells in MRL/lpr mice. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 104	8.3	45
53	Mesenchymal stem cells markedly suppress inflammatory bone destruction in rats with adjuvant-induced arthritis. <i>Laboratory Investigation</i> , 2014 , 94, 286-96	5.9	45
52	Tunneling nanotube formation is essential for the regulation of osteoclastogenesis. <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 1238-47	4.7	43
51	IL-1 β 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. <i>Journal of Immunology</i> , 2018 , 200, 218-228	5.3	39

50	Mesenchymal stem cell-mediated ectopic hematopoiesis alleviates aging-related phenotype in immunocompromised mice. <i>Blood</i> , 2009 , 113, 2595-604	2.2	38
49	Telomerase governs immunomodulatory properties of mesenchymal stem cells by regulating FAS ligand expression. <i>EMBO Molecular Medicine</i> , 2014 , 6, 322-34	12	35
48	Cystatin C stimulates the differentiation of mouse osteoblastic cells and bone formation. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 360, 199-204	3.4	31
47	Substance P and substance P receptors in bone and gingival tissues. <i>Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan</i> , 2001 , 34, 77-85		30
46	Double allogenic mesenchymal stem cells transplantations could not enhance therapeutic effect compared with single transplantation in systemic lupus erythematosus. <i>Clinical and Developmental Immunology</i> , 2012 , 2012, 273291		28
45	NF-kappaB activation and iNOS expression in the synovial membrane of rat temporomandibular joints after induced synovitis. <i>Journal of Dental Research</i> , 2003 , 82, 183-8	8.1	22
44	Therapeutic potential of mesenchymal stem cell transplantation in a nitrofen-induced congenital diaphragmatic hernia rat model. <i>Pediatric Surgery International</i> , 2014 , 30, 907-14	2.1	21
43	Capsaicin receptor expression in the rat temporomandibular joint. <i>Cell and Tissue Research</i> , 2006 , 325, 47-54	4.2	21
42	Regenerative medicine using stem cells from human exfoliated deciduous teeth (SHED): a promising new treatment in pediatric surgery. <i>Surgery Today</i> , 2019 , 49, 316-322	3	20
41	Interferon-gamma improves impaired dentinogenic and immunosuppressive functions of irreversible pulpitis-derived human dental pulp stem cells. <i>Scientific Reports</i> , 2016 , 6, 19286	4.9	20
40	Immunocytochemical localization of substance P neurokinin-1 receptors in rat gingival tissue. <i>Cell and Tissue Research</i> , 1999 , 297, 213-22	4.2	20
39	Suppression of AKT-mTOR signal pathway enhances osteogenic/dentinogenic capacity of stem cells from apical papilla. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 334	8.3	19
38	Exogenous nitric oxide stimulates the odontogenic differentiation of rat dental pulp stem cells. <i>Scientific Reports</i> , 2018 , 8, 3419	4.9	18
37	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. <i>Cell and Tissue Research</i> , 2007 , 328, 117-27	4.2	18
36	Topography and distribution of sympathetic nerve fibers in the rat temporomandibular joint: immunocytochemistry and ultrastructure. <i>Anatomy and Embryology</i> , 2001 , 203, 357-66		17
35	Promotive effect of insulin-like growth factor-1 for epithelial sealing to titanium implants. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 2896-904	5.4	16
34	TRPV2 expression in rat oral mucosa. <i>Histochemistry and Cell Biology</i> , 2009 , 132, 423-33	2.4	16
33	Expression of osteocalcin and Jun D in the early period during reactionary dentin formation after tooth preparation in rat molars. <i>Cell and Tissue Research</i> , 2005 , 319, 455-65	4.2	16

32	Immunocytochemical study of cathepsin L and rat salivary cystatin-3 in rat osteoclasts treated with E-64 in vivo. <i>Archives of Oral Biology</i> , 1997 , 42, 305-15	2.8	15
31	Therapeutic potential of hepatocyte-like-cells converted from stem cells from human exfoliated deciduous teeth in fulminant Wilson's disease. <i>Scientific Reports</i> , 2019 , 9, 1535	4.9	12
30	Is aspirin treatment an appropriate intervention to osteoporosis?. <i>Future Rheumatology</i> , 2008 , 3, 499-502		12
29	Extracellular vesicles from deciduous pulp stem cells recover bone loss by regulating telomerase activity in an osteoporosis mouse model. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 296	8.3	12
28	Ossifying fibroma tumor stem cells are maintained by epigenetic regulation of a TSP1/TGF- β /SMAD3 autocrine loop. <i>Cell Stem Cell</i> , 2013 , 13, 577-89	18	11
27	Therapeutic interaction of systemically-administered mesenchymal stem cells with peri-implant mucosa. <i>PLoS ONE</i> , 2014 , 9, e90681	3.7	11
26	Therapeutic interactions between mesenchymal stem cells for healing medication-related osteonecrosis of the jaw. <i>Stem Cell Research and Therapy</i> , 2016 , 7, 119	8.3	10
25	A model study for the manufacture and validation of clinical-grade deciduous dental pulp stem cells for chronic liver fibrosis treatment. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 134	8.3	9
24	Substance P Activates Osteoclast Formation and Osteoclastic Bone Resorption through the Neurokinin-1 Receptor.. <i>Acta Histochemica Et Cytochemica</i> , 2001 , 34, 31-38	1.9	8
23	Therapeutic potential of spheroids of stem cells from human exfoliated deciduous teeth for chronic liver fibrosis and hemophilia A. <i>Pediatric Surgery International</i> , 2019 , 35, 1379-1388	2.1	7
22	The influence of systemically or locally administered mesenchymal stem cells on tissue repair in a rat oral implantation model. <i>International Journal of Implant Dentistry</i> , 2018 , 4, 2	2.8	7
21	Osteoblast-derived Laminin-332 is a novel negative regulator of osteoclastogenesis in bone microenvironments. <i>Laboratory Investigation</i> , 2017 , 97, 1235-1244	5.9	7
20	Acetylsalicylic Acid Treatment and Suppressive Regulation of AKT Accelerate Odontogenic Differentiation of Stem Cells from the Apical Papilla. <i>Journal of Endodontics</i> , 2019 , 45, 591-598.e6	4.7	6
19	Distribution of substance P and neurokinin-1 receptors in the peri-implant epithelium around titanium dental implants in rats. <i>Cell and Tissue Research</i> , 2009 , 335, 407-15	4.2	6
18	Distribution of Inducible Nitric Oxide Synthase, Interleukin-1.BETA., and Interleukin-1 Receptor in the Temporomandibular Joint of Normal Rats.. <i>Acta Histochemica Et Cytochemica</i> , 2002 , 35, 11-21	1.9	5
17	The Changes in the Immunocytochemical Localization of Cathepsin L and Type I Collagen in Rat Osteoclasts Treated with E-64.. <i>Acta Histochemica Et Cytochemica</i> , 1995 , 28, 523-531	1.9	5
16	Osteoblast lineage-specific cell-surface antigen (A7) regulates osteoclast recruitment and calcification during bone remodeling. <i>Laboratory Investigation</i> , 2019 , 99, 866-884	5.9	4
15	Immunocytochemical localization of the neurokinin 1 receptor in rat dental pulp. <i>Archives of Histology and Cytology</i> , 2005 , 68, 259-65		4

14	Novel Application Method for Mesenchymal Stem Cell Therapy Utilizing Its Attractant-Responsive Accumulation Property. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4908	2.6	4
13	The role of phosphoinositide 3-kinase in adhesion of oral epithelial cells to titanium. <i>Archives of Oral Biology</i> , 2013 , 58, 1696-708	2.8	3
12	Cholangiogenic potential of human deciduous pulp stem cell-converted hepatocyte-like cells. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 57	8.3	3
11	Pamidronate decreases bilirubin-impaired cell death and improves dentinogenic dysfunction of stem cells from human deciduous teeth. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 303	8.3	3
10	Targeting of Deciduous Tooth Pulp Stem Cell-Derived Extracellular Vesicles on Telomerase-Mediated Stem Cell Niche and Immune Regulation in Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2021 ,	5.3	2
9	Bone morphogenetic protein induces bone invasion of melanoma by epithelial-mesenchymal transition via the Smad1/5 signaling pathway. <i>Laboratory Investigation</i> , 2021 , 101, 1475-1483	5.9	2
8	Localization of the Endogenous Cysteine Proteinase Inhibitor, Cystatin C, and the Cysteine Proteinase, Cathepsin B, to the Junctional Epithelium in Rat Gingiva. <i>Acta Histochemica Et Cytochemica</i> , 2005 , 38, 121-129	1.9	1
7	Biliary atresia-specific deciduous pulp stem cells feature biliary deficiency. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 582	8.3	1
6	Leucine rich amelogenin peptide prevents ovariectomy-induced bone loss in mice. <i>PLoS ONE</i> , 2021 , 16, e0259966	3.7	0
5	Modulation of osteoclastogenesis through adrenomedullin receptors on osteoclast precursors: initiation of differentiation by asymmetric cell division. <i>Laboratory Investigation</i> , 2021 , 101, 1449-1457	5.9	0
4	In vitro and in vivo detection of tunneling nanotubes in normal and pathological osteoclastogenesis involving osteoclast fusion. <i>Laboratory Investigation</i> , 2021 , 101, 1571-1584	5.9	0
3	Protocol to generate xenogeneic-free/serum-free human dental pulp stem cells.. <i>STAR Protocols</i> , 2022 , 3, 101386	1.4	0
2	Dental pulp stem cells as a therapy for congenital entero-neuropathy.. <i>Scientific Reports</i> , 2022 , 12, 6990	4.9	0
1	Expression of Integrin Alpha-3 and Beta-4 Subunits on the Process of Peri-Implant Epithelium Formation. <i>Key Engineering Materials</i> , 2012 , 529-530, 407-412	0.4	