

Haruyoshi 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.

82

papers

1,682

citations

23

h-index

37

g-index

85

ext. papers

1,963

ext. citations

4.4

avg, IF

4.06

L-index

#	Paper	IF	Citations
82	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
81	Life span extension by reduction in growth hormone-insulin-like growth factor-1 axis in a transgenic rat model. <i>American Journal of Pathology</i> , 2002 , 160, 2259-65	5.8	96
80	Life span extension by reduction of the growth hormone-insulin-like growth factor-1 axis: relation to caloric restriction. <i>FASEB Journal</i> , 2003 , 17, 1108-9	0.9	94
79	FoxO1 is involved in the antineoplastic effect of calorie restriction. <i>Aging Cell</i> , 2010 , 9, 372-82	9.9	74
78	The life-extending effect of dietary restriction requires Foxo3 in mice. <i>Aging Cell</i> , 2015 , 14, 707-9	9.9	67
77	Temporal and spatial transcriptional profiles of aging in <i>Drosophila melanogaster</i> . <i>Genome Research</i> , 2007 , 17, 1236-43	9.7	67
76	Dihydro-orotate dehydrogenase is physically associated with the respiratory complex and its loss leads to mitochondrial dysfunction. <i>Bioscience Reports</i> , 2013 , 33, e00021	4.1	61
75	Manipulation of caloric content but not diet composition, attenuates the deficit in learning and memory of senescence-accelerated mouse strain P8. <i>Experimental Gerontology</i> , 2008 , 43, 339-46	4.5	51
74	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
73	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
72	The distribution of BrdU- and TUNEL-positive cells during odontogenesis in mouse lower first molars. <i>The Histochemical Journal</i> , 1999 , 31, 367-77		45
71	Anti-aging effects of caloric restriction: Involvement of neuroendocrine adaptation by peripheral signaling. <i>Microscopy Research and Technique</i> , 2002 , 59, 317-24	2.8	42
70	SIRT1 Regulates Thyroid-Stimulating Hormone Release by Enhancing PIP5Kgamma Activity through Deacetylation of Specific Lysine Residues in Mammals. <i>PLoS ONE</i> , 2010 , 5, e11755	3.7	37
69	Longevity genes: insights from calorie restriction and genetic longevity models. <i>Molecules and Cells</i> , 2008 , 26, 427-35	3.5	33
68	Down-regulation of AMP-activated protein kinase by calorie restriction in rat liver. <i>Experimental Gerontology</i> , 2007 , 42, 1063-71	4.5	32
67	Immune therapeutic potential of stem cells from human supernumerary teeth. <i>Journal of Dental Research</i> , 2013 , 92, 609-15	8.1	31
66	Possible functional involvement of thymosin beta 4 in developing tooth germ of mouse lower first molar. <i>Histochemistry and Cell Biology</i> , 2005 , 124, 207-13	2.4	31

65	Similar metabolic responses to calorie restriction in lean and obese Zucker rats. <i>Molecular and Cellular Endocrinology</i> , 2009 , 309, 17-25	4.4	29
64	Lifespan extension by caloric restriction: an aspect of energy metabolism. <i>Microscopy Research and Technique</i> , 2002 , 59, 325-30	2.8	29
63	Position-independent human beta-globin gene expression mediated by a recombinant adeno-associated virus vector carrying the chicken beta-globin insulator. <i>Journal of Human Genetics</i> , 1999 , 44, 152-62	4.3	28
62	Involvement of insulin-like growth factor-1 in the effect of caloric restriction: regulation of plasma adiponectin and leptin. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007 , 62, 27-33	6.4	27
61	A transgenic dwarf rat model as a tool for the study of calorie restriction and aging. <i>Experimental Gerontology</i> , 2004 , 39, 269-72	4.5	25
60	Localization of activated caspase-3-positive and apoptotic cells in the developing tooth germ of the mouse lower first molar. <i>The Histochemical Journal</i> , 2001 , 33, 253-8		25
59	Hepatic gene expression profile of lipid metabolism in rats: Impact of caloric restriction and growth hormone/insulin-like growth factor-1 suppression. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006 , 61, 1099-110	6.4	23
58	Protein instability and functional defects caused by mutations of dihydro-orotate dehydrogenase in Miller syndrome patients. <i>Bioscience Reports</i> , 2012 , 32, 631-9	4.1	22
57	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
56	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
55	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
54	Exogenous nitric oxide stimulates the odontogenic differentiation of rat dental pulp stem cells. <i>Scientific Reports</i> , 2018 , 8, 3419	4.9	18
53	Mitochondria Regulate the Differentiation of Stem Cells from Human Exfoliated Deciduous Teeth. <i>Cell Structure and Function</i> , 2017 , 42, 105-116	2.2	18
52	Pituitary growth hormone suppression reduces resistin expression and enhances insulin effectiveness: relationship with caloric restriction. <i>Experimental Gerontology</i> , 2008 , 43, 595-600	4.5	18
51	Detection of differentially expressed genes in the early developmental stage of the mouse mandible. <i>International Journal of Developmental Biology</i> , 2001 , 45, 675-80	1.9	18
50	Calorie restriction initiated at middle age improved glucose tolerance without affecting age-related impairments of insulin signaling in rat skeletal muscle. <i>Experimental Gerontology</i> , 2006 , 41, 837-45	4.5	17
49	In situ expression of heat shock proteins, Hsc73, Hsj2 and Hsp86 in the developing tooth germ of mouse lower first molar. <i>The Histochemical Journal</i> , 2002 , 34, 105-9		17
48	Acute stress response in calorie-restricted rats to lipopolysaccharide-induced inflammation. <i>Mechanisms of Ageing and Development</i> , 2005 , 126, 568-79	5.6	17

47	Functional implication of nucleolin in the mouse first molar development. <i>Journal of Biological Chemistry</i> , 2007 , 282, 23275-83	5.4	15
46	Role of insulin and growth hormone/insulin-like growth factor-I signaling in lifespan extension: rodent longevity models for studying aging and calorie restriction. <i>Current Genomics</i> , 2007 , 8, 423-8	2.6	15
45	Impaired neurite development associated with mitochondrial dysfunction in dopaminergic neurons differentiated from exfoliated deciduous tooth-derived pulp stem cells of children with autism spectrum disorder. <i>Biochemistry and Biophysics Reports</i> , 2018 , 16, 24-31	2.2	15
44	Effect of leptin on hypothalamic gene expression in calorie-restricted rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006 , 61, 890-8	6.4	14
43	Glycolytic enzyme Pgk1 is strongly expressed in the developing tooth germ of the mouse lower first molar. <i>Histology and Histopathology</i> , 2008 , 23, 423-32	1.4	14
42	Direct effects of mitochondrial dysfunction on poor bone health in Leigh syndrome. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 493, 207-212	3.4	13
41	Multiple functional involvement of thymosin beta-4 in tooth germ development. <i>Histochemistry and Cell Biology</i> , 2013 , 139, 355-70	2.4	13
40	Identification and characterization of an insulin receptor substrate 4-interacting protein in rat brain: implications for longevity. <i>Neurobiology of Aging</i> , 2009 , 30, 474-82	5.6	13
39	Calorie restriction minimizes activation of insulin signaling in response to glucose: potential involvement of the growth hormone-insulin-like growth factor 1 axis. <i>Experimental Gerontology</i> , 2008 , 43, 827-32	4.5	13
38	Drosophila protease ClpXP specifically degrades DmLRPPRC1 controlling mitochondrial mRNA and translation. <i>Scientific Reports</i> , 2017 , 7, 8315	4.9	12
37	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
36	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
35	Protogenin, a new member of the immunoglobulin superfamily, is implicated in the development of the mouse lower first molar. <i>BMC Developmental Biology</i> , 2010 , 10, 115	3.1	11
34	Dihydroorotate dehydrogenase depletion hampers mitochondrial function and osteogenic differentiation in osteoblasts. <i>European Journal of Oral Sciences</i> , 2016 , 124, 241-5	2.3	11
33	Bilirubin reversibly affects cell death and odontogenic capacity in stem cells from human exfoliated deciduous teeth. <i>Oral Diseases</i> , 2018 , 24, 809-819	3.5	10
32	Mitochondrial dysfunction in dopaminergic neurons differentiated from exfoliated deciduous tooth-derived pulp stem cells of a child with Rett syndrome. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 498, 898-904	3.4	10
31	Expression of Set-alpha during morphogenesis of mouse lower first molar. <i>The Histochemical Journal</i> , 2001 , 33, 437-41		10
30	Positive effect of exogenous brain-derived neurotrophic factor on impaired neurite development and mitochondrial function in dopaminergic neurons derived from dental pulp stem cells from children with attention deficit hyperactivity disorder. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 513, 1010-1054	3.4	9

29	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
28	Identification of fasting-induced genes in the rat hypothalamus: relationship with neuroprotection. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1119, 216-26	6.5	9
27	Calorie restriction initiated at a young age activates the Akt/PKC zeta/lambda-Glut4 pathway in rat white adipose tissue in an insulin-independent manner. <i>Age</i> , 2008 , 30, 293-302		9
26	Mechanisms of Calorie Restriction: A Review of Genes Required for the Life-Extending and Tumor-Inhibiting Effects of Calorie Restriction. <i>Nutrients</i> , 2019 , 11,	6.7	9
25	Novel gain-of-function mutation of associated with accelerated chondrogenic differentiation of dental pulp stem cells derived from a patient with metatropic dysplasia. <i>Biochemistry and Biophysics Reports</i> , 2019 , 19, 100648	2.2	8
24	Expression of DNase gamma during Fas-independent apoptotic DNA fragmentation in rodent hepatocytes. <i>Cell and Tissue Research</i> , 2004 , 316, 403-7	4.2	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	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
21	Folic acid-mediated mitochondrial activation for protection against oxidative stress in human dental pulp stem cells derived from deciduous teeth. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 508, 850-856	3.4	6
20	Laboratory findings of caloric restriction in rodents and primates. <i>Advances in Clinical Chemistry</i> , 2005 , 39, 211-37	5.8	5
19	Accelerated osteoblastic differentiation in patient-derived dental pulp stem cells carrying a gain-of-function mutation of TRPV4 associated with metatropic dysplasia. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 523, 841-846	3.4	4
18	Engineering of Systematic Elimination of a Targeted Chromosome in Human Cells. <i>BioMed Research International</i> , 2017 , 2017, 6037159	3	4
17	Complete resolution of a calcifying cystic odontogenic tumor with physiological eruption of a dislocated permanent tooth after marsupialization in a child with a mixed dentition: a case report. <i>World Journal of Surgical Oncology</i> , 2015 , 13, 277	3.4	4
16	Effect of insulin-like growth factors on lung development in a nitrofen-induced CDH rat model. <i>Pediatric Surgery International</i> , 2011 , 27, 187-92	2.1	4
15	Divergent regulation of adipose tissue metabolism by calorie restriction and inhibition of growth hormone signaling. <i>Experimental Gerontology</i> , 2009 , 44, 646-52	4.5	4
14	Accelerated dentinogenesis by inhibiting the mitochondrial fission factor, dynamin related protein 1. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 1655-1660	3.4	3
13	Osteoblastic differentiation improved by bezafibrate-induced mitochondrial biogenesis in deciduous tooth-derived pulp stem cells from a child with Leigh syndrome. <i>Biochemistry and Biophysics Reports</i> , 2019 , 17, 32-37	2.2	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	Clinical approach to a suspected case of first branchial arch syndrome. <i>Case Reports in Medicine</i> , 2014 , 2014, 506804	0.7	2
9	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
8	Altered development of dopaminergic neurons differentiated from stem cells from human exfoliated deciduous teeth of a patient with Down syndrome. <i>BMC Neurology</i> , 2018 , 18, 132	3.1	2
7	Protective effect of folic acid on vulnerability to oxidative stress in dental pulp stem cells of deciduous teeth from children with orofacial clefts. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 516, 127-132	3.4	1
6	Overexpression of the adiponectin gene mimics the metabolic and stress resistance effects of calorie restriction, but not the anti-tumor effect. <i>Experimental Gerontology</i> , 2015 , 64, 46-54	4.5	1
5	Biliary atresia-specific deciduous pulp stem cells feature biliary deficiency. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 582	8.3	1
4	Impaired neurite development and mitochondrial dysfunction associated with calcium accumulation in dopaminergic neurons differentiated from the dental pulp stem cells of a patient with metatropic dysplasia. <i>Biochemistry and Biophysics Reports</i> , 2021 , 26, 100968	2.2	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	A Transgenic Dwarf Rat Strain as a Tool for the Study of Immunosenescence in Aging Rats and the Effect of Calorie Restriction 2009 , 131-144		
1	Bilirubin induces discoloration and hypodontia on tooth. <i>Pediatric Dental Journal</i> , 2021 ,	0.5	