

# Naoto Haruyama

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,628  
citations

279778

23  
h-index

330122

37  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2028  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dentin sialoprotein and dentin phosphoprotein have distinct roles in dentin mineralization. <i>Matrix Biology</i> , 2009, 28, 221-229.	3.6	183
2	Local RANKL gene transfer to the periodontal tissue accelerates orthodontic tooth movement. <i>Gene Therapy</i> , 2006, 13, 678-685.	4.5	147
3	Local OPG Gene Transfer to Periodontal Tissue Inhibits Orthodontic Tooth Movement. <i>Journal of Dental Research</i> , 2004, 83, 920-925.	5.2	138
4	Dentin sialophosphoprotein and dentin matrix protein-1: Two highly phosphorylated proteins in mineralized tissues. <i>Archives of Oral Biology</i> , 2012, 57, 1165-1175.	1.8	120
5	Effects of local administration of clodronate on orthodontic tooth movement and root resorption in rats. <i>European Journal of Orthodontics</i> , 2004, 26, 469-473.	2.4	97
6	DSPP effects on in vivo bone mineralization. <i>Bone</i> , 2008, 43, 983-990.	2.9	75
7	Estrous-cycle-dependent Variation in Orthodontic Tooth Movement. <i>Journal of Dental Research</i> , 2002, 81, 406-410.	5.2	64
8	Amelogenin-mediated Regulation of Osteoclastogenesis, and Periodontal Cell Proliferation and Migration. <i>Journal of Dental Research</i> , 2006, 85, 144-149.	5.2	61
9	Overview: Engineering Transgenic Constructs and Mice. <i>Current Protocols in Cell Biology</i> , 2009, 42, Unit 19.10.	2.3	61
10	Synergistic Roles of Amelogenin and Ameloblastin. <i>Journal of Dental Research</i> , 2009, 88, 318-322.	5.2	60
11	Mutant DLX 3 disrupts odontoblast polarization and dentin formation. <i>Developmental Biology</i> , 2010, 344, 682-692.	2.0	56
12	Genetic evidence for key roles of decorin and biglycan in dentin mineralization. <i>Matrix Biology</i> , 2009, 28, 129-136.	3.6	54
13	Generation of Transgenic Mice. <i>Current Protocols in Cell Biology</i> , 2009, 42, Unit 19.11.	2.3	54
14	A Novel Role of Periostin in Postnatal Tooth Formation and Mineralization. <i>Journal of Biological Chemistry</i> , 2011, 286, 4302-4309.	3.4	50
15	Osteogenesis by gradually expanding the interface between bone surface and periosteum enhanced by bone marrow stem cell administration in rabbits. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 110, 32-40.	1.4	35
16	Accuracy of orthodontic miniscrew implantation guided by stereolithographic surgical stent based on cone-beam CT-derived 3D images. <i>Angle Orthodontist</i> , 2012, 82, 284-293.	2.4	34
17	Nephronectin plays critical roles in Sox2 expression and proliferation in dental epithelial stem cells via EGF-like repeat domains. <i>Scientific Reports</i> , 2017, 7, 45181.	3.3	34
18	TGF- $\beta$ Regulates Enamel Mineralization and Maturation through KLK4 Expression. <i>PLoS ONE</i> , 2013, 8, e82267.	2.5	33

#	ARTICLE	IF	CITATIONS
19	Overexpression of transforming growth factor-beta1 in teeth results in detachment of ameloblasts and enamel defects. <i>European Journal of Oral Sciences</i> , 2006, 114, 30-34.	1.5	31
20	A Longitudinal Study of the Presence of Dental Anomalies in the Primary and Permanent Dentitions of Cleft Lip and/or Palate Patients. <i>Cleft Palate-Craniofacial Journal</i> , 2017, 54, 309-320.	0.9	31
21	Periostin inhibits hypoxia-induced apoptosis in human periodontal ligament cells via TGF- $\beta$ 2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 126-132.	2.1	28
22	Plakophilin-1, a Novel Wnt Signaling Regulator, Is Critical for Tooth Development and Ameloblast Differentiation. <i>PLoS ONE</i> , 2016, 11, e0152206.	2.5	28
23	A Method for Rapid Demineralization of Teeth and Bones. <i>Open Dentistry Journal</i> , 2010, 4, 223-229.	0.5	27
24	In vivo impact of a 4Åbp deletion mutation in the DLX3 gene on bone development. <i>Developmental Biology</i> , 2009, 325, 129-137.	2.0	22
25	Fibroblast growth factor 10 regulates Meckel's cartilage formation during early mandibular morphogenesis in rats. <i>Developmental Biology</i> , 2011, 350, 337-347.	2.0	21
26	Stim1 Regulates Enamel Mineralization and Ameloblast Modulation. <i>Journal of Dental Research</i> , 2017, 96, 1422-1429.	5.2	21
27	Adhesive and Migratory Effects of Phosphophoryn Are Modulated by Flanking Peptides of the Integrin Binding Motif. <i>PLoS ONE</i> , 2014, 9, e112490.	2.5	13
28	Relationship between length variations in Ser/Asp-rich repeats in phosphophoryn and in vitro precipitation of calcium phosphate. <i>Archives of Oral Biology</i> , 2015, 60, 1263-1272.	1.8	9
29	Synthesis and intracellular transportation of type I procollagen during functional differentiation of odontoblasts. <i>Histochemistry and Cell Biology</i> , 2009, 131, 583-591.	1.7	8
30	Genome-wide identification of chromatin-enriched RNA reveals that unspliced dentin matrix protein-1 mRNA regulates cell proliferation in squamous cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 2303-2309.	2.1	8
31	The development, validation, and psychometric properties of the Japanese version of the Child Oral Health Impact Profile-Short Form 19 (COHIP-SF 19) for school-age children. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 224.	2.4	7
32	Bone regeneration of canine artificial alveolar clefts using bone-marrow-derived mesenchymal stromal cells and $\beta$ -tricalcium phosphate: A preliminary study. <i>Orthodontic Waves</i> , 2012, 71, 51-58.	0.2	5
33	Amelogenin splice isoforms stimulate chondrogenic differentiation of ATDC5 cells. <i>Oral Diseases</i> , 2013, 19, 169-179.	3.0	5
34	Characteristics of craniofacial morphology and factors affecting them in patients with isolated cleft palate. <i>PeerJ</i> , 2021, 9, e11297.	2.0	3
35	Dentin phosphoprotein inhibits lipopolysaccharide-induced macrophage activation independent of its serine/aspartic acid-rich repeats. <i>Archives of Oral Biology</i> , 2020, 110, 104634.	1.8	2
36	Leucine rich amelogenin peptide prevents ovariectomy-induced bone loss in mice. <i>PLoS ONE</i> , 2021, 16, e0259966.	2.5	2

#	ARTICLE	IF	CITATIONS
37	Clinicostatistical analysis of congenitally missing permanent teeth in Japanese patients with cleft lip and/or palate. <i>Orthodontic Waves</i> , 2016, 75, 41-45.	0.2	1
38	Osteogenesis by gradually expanding the interface between bone surface and periosteum: preliminary analysis of the use of novel plate and bone marrow stem cell administration in rabbits. , 2010, , 136-137.		0
39	Amelogenins: Multi-Functional Enamel Matrix Proteins and Their Binding Partners. <i>Journal of Oral Biosciences</i> , 2011, 53, 257-266.	2.2	0