

# Akira Yamaguchi

## List of Publications by Citations

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42  
papers

1,570  
citations

15  
h-index

39  
g-index

46  
ext. papers

1,753  
ext. citations

4.2  
avg, IF

4.05  
L-index

#	Paper	IF	Citations
42	Regulation of osteoblast differentiation mediated by bone morphogenetic proteins, hedgehogs, and Cbfa1. <i>Endocrine Reviews</i> , <b>2000</b> , 21, 393-411	27.2	520
41	BMP2 regulates Osterix through Msx2 and Runx2 during osteoblast differentiation. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 29119-25	5.4	368
40	Critical regulation of bone morphogenetic protein-induced osteoblastic differentiation by Delta1/Jagged1-activated Notch1 signaling. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 15842-8	5.4	159
39	BMP-2 promotes differentiation of osteoblasts and chondroblasts in Runx2-deficient cell lines. <i>Journal of Cellular Physiology</i> , <b>2007</b> , 211, 728-35	7	85
38	Roles of interleukin-6 and parathyroid hormone-related peptide in osteoclast formation associated with oral cancers: significance of interleukin-6 synthesized by stromal cells in response to cancer cells. <i>American Journal of Pathology</i> , <b>2010</b> , 176, 968-80	5.8	58
37	THBS1 is induced by TGFβ1 in the cancer stroma and promotes invasion of oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2016</b> , 45, 730-739	3.3	55
36	Keratin 17 Is Induced in Oral Cancer and Facilitates Tumor Growth. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161163	3.7	36
35	NOTCH3 Is Induced in Cancer-Associated Fibroblasts and Promotes Angiogenesis in Oral Squamous Cell Carcinoma. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154112	3.7	33
34	Zfp64 participates in Notch signaling and regulates differentiation in mesenchymal cells. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 1613-23	5.3	26
33	Significance of the fibrous stroma in bone invasion by human gingival squamous cell carcinomas. <i>Bone</i> , <b>2008</b> , 43, 621-7	4.7	25
32	Changes in the spatial distribution of sclerostin in the osteocytic lacuno-canalicular system in alveolar bone due to orthodontic forces, as detected on multimodal confocal fluorescence imaging analyses. <i>Archives of Oral Biology</i> , <b>2015</b> , 60, 45-54	2.8	22
31	Functional heterogeneity of osteocytes in FGF23 production: the possible involvement of DMP1 as a direct negative regulator. <i>BoneKey Reports</i> , <b>2014</b> , 3, 543		20
30	Targeted reversion of induced pluripotent stem cells from patients with human cleidocranial dysplasia improves bone regeneration in a rat calvarial bone defect model. <i>Stem Cell Research and Therapy</i> , <b>2018</b> , 9, 12	8.3	18
29	RANKL synthesized by both stromal cells and cancer cells plays a crucial role in osteoclastic bone resorption induced by oral cancer. <i>American Journal of Pathology</i> , <b>2013</b> , 182, 1890-9	5.8	18
28	Multi-layered mutation in hedgehog-related genes in Gorlin syndrome may affect the phenotype. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184702	3.7	17
27	Leukemia inhibitory factor produced by fibroblasts within tumor stroma participates in invasion of oral squamous cell carcinoma. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191865	3.7	14
26	A facile one-step strategy for the generation of conditional knockout mice to explore the role of Notch1 in oroesophageal tumorigenesis. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 469, 761-7	3.4	13

25	Comparison of treatment effects of teriparatide and the bisphosphonate risedronate in an aged, osteopenic, ovariectomized rat model under various clinical conditions. <i>Journal of Bone and Mineral Metabolism</i> , <b>2016</b> , 34, 303-14	2.9	12
24	Transforming growth factor- $\beta$ synthesized by stromal cells and cancer cells participates in bone resorption induced by oral squamous cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 458, 777-82	3.4	12
23	Hyaline bodies of odontogenic cysts: histological, histochemical and electron microscopic studies. <i>Journal of Oral Pathology and Medicine</i> , <b>1980</b> , 9, 221-34	3.3	11
22	Short-term intermittent administration of parathyroid hormone facilitates osteogenesis by different mechanisms in cancellous and cortical bone. <i>Bone Reports</i> , <b>2016</b> , 5, 7-14	2.6	9
21	Peripheral odontogenic keratocyst associated with nevoid basal cell carcinoma syndrome: a case report. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2014</b> , 118, e19-23	2	7
20	Quantitation and distribution of metallic elements in sequestra of medication-related osteonecrosis of jaw (MRONJ) using inductively coupled plasma atomic emission spectroscopy and synchrotron radiation X-ray fluorescence analysis. <i>Journal of Bone and Mineral Metabolism</i> , <b>2019</b> , 37, 476-484	2.9	5
19	The Bone Regeneration Model and Primary Osteoblastic Cell Culture Used in the Analysis of Ccn3 Transgenic and Knockout Mice. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1489, 309-324	1.4	4
18	Establishment of a xenograft model to explore the mechanism of bone destruction by human oral cancers and its application to analysis of role of RANKL. <i>Journal of Oral Pathology and Medicine</i> , <b>2016</b> , 45, 356-64	3.3	3
17	Developmental biology and etiology of axial skeleton: Lessons from a mouse model of spondylocostal dysostosis and spondylothoracic dysostosis. <i>Journal of Oral Biosciences</i> , <b>2013</b> , 55, 175-179	3.5	3
16	Persistent bone resorption lacunae on necrotic bone distinguish bisphosphonate-related osteonecrosis of jaw from denosumab-related osteonecrosis. <i>Journal of Bone and Mineral Metabolism</i> , <b>2021</b> , 39, 737-747	2.9	3
15	Sphenoid bone hypoplasia is a skeletal phenotype of cleidocranial dysplasia in a mouse model and patients. <i>Bone</i> , <b>2019</b> , 120, 176-186	4.7	3
14	AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression. <i>PLoS ONE</i> , <b>2020</b> , 15, e0222689	3.7	2
13	A new osteoclastogenesis pathway induced by cancer cells targeting osteoclast precursor cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 509, 108-113	3.4	2
12	Notch signaling is involved in Fgf23 upregulation in osteocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 518, 233-238	3.4	1
11	Rotation of the pedicled submandibular gland for the treatment of osteonecrosis of the mandible associated with bisphosphonate therapy for bone metastasis from breast cancer: report of a case. <i>Nihon Koku Geka Gakkai Zasshi</i> , <b>2007</b> , 53, 314-318	0.1	1
10	A case of cavernous hemangioma in the submandibular gland that was difficult to diagnose preoperatively. <i>Nihon Koku Geka Gakkai Zasshi</i> , <b>2008</b> , 54, 572-576	0.1	1
9	Clinico-statistical study on oral tumors in childhood. <i>Nihon Koku Geka Gakkai Zasshi</i> , <b>1978</b> , 24, 523-529	0.1	0
8	Pathological differences in the bone healing processes between tooth extraction socket and femoral fracture.. <i>Bone Reports</i> , <b>2022</b> , 16, 101522	2.6	0

- 7 The role of osteocytes in bone resorption during orthodontic tooth movement. *Orthodontic Waves*, **2014**, 73, 112-113 0.2
- 6 Hypoplasia of medial pterygoid process in sphenoid bone relates to decreased mesenchymal cell proliferation in the Runx2-haploinsufficient cleidocranial dysplasia mouse model.. *Archives of Oral Biology*, **2022**, 135, 105358 2.8
- 5 Ultrastructure of Mucoepidermoid Tumors of The Salivary Glands. *Japanese Journal of Oral Biology*, **1978**, 20, 771-781
- 4 AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression **2020**, 15, e0222689
- 3 AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression **2020**, 15, e0222689
- 2 AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression **2020**, 15, e0222689
- 1 AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression **2020**, 15, e0222689