

Akira Yamaguchi

List of Publications by Year in Descending Order

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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.

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	Hypoplasia of medial pterygoid process in sphenoid bone relates to decreased mesenchymal cell proliferation in the Runx2-haploinsufficient cleidocranial dysplasia mouse model.. <i>Archives of Oral Biology</i> , 2022 , 135, 105358	2.8	
41	Pathological differences in the bone healing processes between tooth extraction socket and femoral fracture.. <i>Bone Reports</i> , 2022 , 16, 101522	2.6	0
40	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> , 2021 , 39, 737-747	2.9	3
39	AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression. <i>PLoS ONE</i> , 2020 , 15, e0222689	3.7	2
38	AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression 2020 , 15, e0222689		
37	AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression 2020 , 15, e0222689		
36	AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression 2020 , 15, e0222689		
35	AIRE is induced in oral squamous cell carcinoma and promotes cancer gene expression 2020 , 15, e0222689		
34	Notch signaling is involved in Fgf23 upregulation in osteocytes. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 518, 233-238	3.4	1
33	A new osteoclastogenesis pathway induced by cancer cells targeting osteoclast precursor cells. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 509, 108-113	3.4	2
32	Sphenoid bone hypoplasia is a skeletal phenotype of cleidocranial dysplasia in a mouse model and patients. <i>Bone</i> , 2019 , 120, 176-186	4.7	3
31	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> , 2019 , 37, 676-684	2.9	5
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> , 2018 , 9, 12	8.3	18
29	Leukemia inhibitory factor produced by fibroblasts within tumor stroma participates in invasion of oral squamous cell carcinoma. <i>PLoS ONE</i> , 2018 , 13, e0191865	3.7	14
28	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> , 2017 , 1489, 309-324	1.4	4
27	Multi-layered mutation in hedgehog-related genes in Gorlin syndrome may affect the phenotype. <i>PLoS ONE</i> , 2017 , 12, e0184702	3.7	17
26	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> , 2016 , 34, 303-14	2.9	12

25	Short-term intermittent administration of parathyroid hormone facilitates osteogenesis by different mechanisms in cancellous and cortical bone. <i>Bone Reports</i> , 2016 , 5, 7-14	2.6	9
24	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> , 2016 , 45, 356-64	3.3	3
23	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> , 2016 , 469, 761-7	3.4	13
22	NOTCH3 Is Induced in Cancer-Associated Fibroblasts and Promotes Angiogenesis in Oral Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2016 , 11, e0154112	3.7	33
21	Keratin 17 Is Induced in Oral Cancer and Facilitates Tumor Growth. <i>PLoS ONE</i> , 2016 , 11, e0161163	3.7	36
20	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> , 2016 , 45, 730-739	3.3	55
19	Transforming growth factor-β synthesized by stromal cells and cancer cells participates in bone resorption induced by oral squamous cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 458, 777-82	3.4	12
18	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> , 2015 , 60, 45-54	2.8	22
17	Peripheral odontogenic keratocyst associated with nevoid basal cell carcinoma syndrome: a case report. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014 , 118, e19-23	2	7
16	Functional heterogeneity of osteocytes in FGF23 production: the possible involvement of DMP1 as a direct negative regulator. <i>BoneKey Reports</i> , 2014 , 3, 543		20
15	The role of osteocytes in bone resorption during orthodontic tooth movement. <i>Orthodontic Waves</i> , 2014 , 73, 112-113	0.2	
14	Developmental biology and etiology of axial skeleton: Lessons from a mouse model of spondylocostal dysostosis and spondylothoracic dysostosis. <i>Journal of Oral Biosciences</i> , 2013 , 55, 175-179	2.5	3
13	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> , 2013 , 182, 1890-9	5.8	18
12	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> , 2010 , 176, 968-80	5.8	58
11	Significance of the fibrous stroma in bone invasion by human gingival squamous cell carcinomas. <i>Bone</i> , 2008 , 43, 621-7	4.7	25
10	BMP2 regulates Osterix through Msx2 and Runx2 during osteoblast differentiation. <i>Journal of Biological Chemistry</i> , 2008 , 283, 29119-25	5.4	368
9	Zfp64 participates in Notch signaling and regulates differentiation in mesenchymal cells. <i>Journal of Cell Science</i> , 2008 , 121, 1613-23	5.3	26
8	A case of cavernous hemangioma in the submandibular gland that was difficult to diagnose preoperatively. <i>Nihon Koku Geka Gakkai Zasshi</i> , 2008 , 54, 572-576	0.1	1

7	BMP-2 promotes differentiation of osteoblasts and chondroblasts in Runx2-deficient cell lines. <i>Journal of Cellular Physiology</i> , 2007 , 211, 728-35	7	85
6	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> , 2007 , 53, 314-318	0.1	1
5	Critical regulation of bone morphogenetic protein-induced osteoblastic differentiation by Delta1/Jagged1-activated Notch1 signaling. <i>Journal of Biological Chemistry</i> , 2005 , 280, 15842-8	5.4	159
4	Regulation of osteoblast differentiation mediated by bone morphogenetic proteins, hedgehogs, and Cbfa1. <i>Endocrine Reviews</i> , 2000 , 21, 393-411	27.2	520
3	Hyaline bodies of odontogenic cysts: histological, histochemical and electron microscopic studies. <i>Journal of Oral Pathology and Medicine</i> , 1980 , 9, 221-34	3.3	11
2	Clinico-statistical study on oral tumors in childhood. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1978 , 24, 523-529	0.1	0
1	Ultrastructure of Mucoepidermoid Tumors of The Salivary Glands. <i>Japanese Journal of Oral Biology</i> , 1978 , 20, 771-781		