

Ichiro Takahashi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3936633/publications.pdf>

Version: 2024-02-01

37
papers

479
citations

687363

13
h-index

713466

21
g-index

37
all docs

37
docs citations

37
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptin Suppresses Mouse Taste Cell Responses to Sweet Compounds. <i>Diabetes</i> , 2015, 64, 3751-3762.	0.6	53
2	Changes in stress distribution of orthodontic miniscrews and surrounding bone evaluated by 3-dimensional finite element analysis. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011, 140, e273-e280.	1.7	36
3	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
4	Three-dimensional titanium miniplates for fixation of subcondylar mandibular fractures: Comparison of five designs using patient-specific finite element analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 391-397.	1.7	32
5	The transcription factor NKX2-3 mediates p21 expression and ectodysplasin-A signaling in the enamel knot for cusp formation in tooth development. <i>Journal of Biological Chemistry</i> , 2018, 293, 14572-14584.	3.4	30
6	The primary site of the acrocephalic feature in Apert syndrome is a dwarf cranial base with accelerated chondrocytic differentiation due to aberrant activation of the FGFR2 signaling. <i>Bone</i> , 2011, 48, 847-856.	2.9	28
7	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
8	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.	5.5	28
9	Identification of Initial Colonizing Bacteria in Dental Plaques from Young Adults Using Full-Length 16S rRNA Gene Sequencing. <i>MSystems</i> , 2019, 4, .	3.8	22
10	Transition of Bacterial Diversity and Composition in Tongue Microbiota during the First Two Years of Life. <i>MSphere</i> , 2019, 4, .	2.9	18
11	Exploration of bacterial species associated with the salivary microbiome of individuals with a low susceptibility to dental caries. <i>Clinical Oral Investigations</i> , 2017, 21, 2399-2406.	3.0	17
12	Maximum principal strain as a criterion for prediction of orthodontic mini-implants failure in subject-specific finite element models. <i>Angle Orthodontist</i> , 2016, 86, 24-31.	2.4	16
13	Mediator 1 contributes to enamel mineralization as a coactivator for Notch1 signaling and stimulates transcription of the alkaline phosphatase gene. <i>Journal of Biological Chemistry</i> , 2017, 292, 13531-13540.	3.4	16
14	Systemic Exposure to Lipopolysaccharide from <i>Porphyromonas gingivalis</i> Induces Bone Loss-Related Alzheimer's Disease-Like Pathologies in Middle-Aged Mice. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 61-74.	2.6	15
15	Predisposing Factors for Orthodontic Mini-Implant Failure Defined by Bone Strains in Patient-Specific Finite Element Models. <i>Annals of Biomedical Engineering</i> , 2016, 44, 2948-2956.	2.5	13
16	microRNA-875-5p plays critical role for mesenchymal condensation in epithelial-mesenchymal interaction during tooth development. <i>Scientific Reports</i> , 2020, 10, 4918.	3.3	11
17	Ihm2a Expression in the Developing Mouse First Lower Molar, and the Subcellular Localization of Ihm2a in Mouse Dental Epithelial Cells. <i>PLoS ONE</i> , 2014, 9, e103928.	2.5	11
18	Effect of loaded orthodontic miniscrew implant on compressive stresses in adjacent periodontal ligament. <i>Angle Orthodontist</i> , 2019, 89, 235-241.	2.4	9

#	ARTICLE	IF	CITATIONS
19	Generic finite element models of orthodontic mini-implants: Are they reliable?. Journal of Biomechanics, 2015, 48, 3751-3756.	2.1	8
20	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. Health and Quality of Life Outcomes, 2020, 18, 224.	2.4	7
21	Mathematical modeling of palatal suture pattern formation: morphological differences between sagittal and palatal sutures. Scientific Reports, 2021, 11, 8995.	3.3	7
22	Expression of protocadherin-20 in mouse taste buds. Scientific Reports, 2020, 10, 2051.	3.3	6
23	Three-dimensional analysis of pharyngeal airway morphology in Japanese female adolescents. Orthodontic Waves, 2017, 76, 89-96.	0.2	5
24	Molecular imaging in masseter muscle observed by muscle function magnetic resonance imaging and ³¹ P magnetic resonance spectroscopy in patients with a jaw deformity. Clinical and Experimental Dental Research, 2022, 8, 231-238.	1.9	5
25	Three-dimensional analysis of changes in pharyngeal airway space after mandibular setback surgery. Orthodontic Waves, 2017, 76, 1-8.	0.2	4
26	Mouse Embryonic Tooth Germ Dissection and Ex vivo Culture Protocol. Bio-protocol, 2020, 10, e3515.	0.4	4
27	Characteristics of craniofacial morphology and factors affecting them in patients with isolated cleft palate. PeerJ, 2021, 9, e11297.	2.0	3
28	Deletion of epithelial cell-specific p130Cas impairs the maturation stage of amelogenesis. Bone, 2022, 154, 116210.	2.9	3
29	Relationship between the stability of muscle activity in the masseter muscle and craniofacial morphology. Orthodontic Waves, 2013, 72, 55-62.	0.2	2
30	A three-dimensional analysis of masticatory muscles in laterognathism. Orthodontic Waves, 2019, 78, 143-150.	0.2	2
31	Relationship between menton deviation and temporomandibular disc displacement in adult patients. Orthodontic Waves, 2020, 79, 153-161.	0.2	2
32	Modulation of osteoclastogenesis through adrenomedullin receptors on osteoclast precursors: initiation of differentiation by asymmetric cell division. Laboratory Investigation, 2021, 101, 1449-1457.	3.7	2
33	Stomatognathic functional improvement in a patient with a canted occlusal plane and temporomandibular disorder treated with an edgewise appliance and miniscrews. American Journal of Orthodontics and Dentofacial Orthopedics, 2021, , .	1.7	1
34	An ex vivo organ culture screening model revealed that low temperature conditions prevent side effects of anticancer drugs. Scientific Reports, 2022, 12, 3093.	3.3	1
35	Three-dimensional dynamic evaluation of a posed smile in normal occlusion and Class II malocclusion. Orthodontic Waves, 2013, 72, 131-141.	0.2	0
36	Memory Decline and Bone Loss in Middle-aged Mice are induced by LPS derived from <i>Porphyromonas gingivalis</i> . Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 2-P-095.	0.0	0

#	ARTICLE	IF	CITATIONS
37	A Case of Familial Oligodontia Treated with Anteroinferior Maxillary Distraction Osteogenesis Using Internal Distractors. The Japanese Journal of Jaw Deformities, 2022, 32, 60-70.	0.1	0