

# Ryo Kunimatsu

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

611  
citations

686830

13  
h-index

642321

23  
g-index

39  
all docs

39  
docs citations

39  
times ranked

831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of CD146 <sup>+</sup> SHED on bone regeneration in a mouse calvaria defect model. <i>Oral Diseases</i> , 2023, 29, 725-734.	1.5	7
2	Masticatory Function Assessment of Adult Patients With Cleft Lip and Palate After Orthodontic Treatment. <i>Cleft Palate-Craniofacial Journal</i> , 2022, 59, 390-398.	0.5	7
3	Impact of Maximum Tongue Pressure in Patients with Jaw Deformities Who Underwent Orthognathic Surgery. <i>Diagnostics</i> , 2022, 12, 404.	1.3	3
4	Characteristics of the Maxillofacial Morphology in Patients with Idiopathic Mandibular Condylar Resorption. <i>Journal of Clinical Medicine</i> , 2022, 11, 952.	1.0	6
5	Combination of Carbonate Hydroxyapatite and Stem Cells from Human Deciduous Teeth Promotes Bone Regeneration by Enhancing BMP-2, VEGF and CD31 Expression in Immunodeficient Mice. <i>Cells</i> , 2022, 11, 1914.	1.8	9
6	Effects of high-frequency near infrared laser irradiation on experimental tooth movement-induced pain in rats. <i>Lasers in Medical Science</i> , 2022, 37, 2697-2706.	1.0	2
7	Surveillance of salivary properties of pre-orthodontic patients in relation to age and sex. <i>Scientific Reports</i> , 2021, 11, 6555.	1.6	3
8	Effects of baicalin on the proliferation and expression of OPG and RANKL in human cementoblast-lineage cells. <i>Journal of Dental Sciences</i> , 2021, 17, 162-169.	1.2	3
9	High-frequency near-infrared diode laser irradiation suppresses IL-1 $\beta$ -induced inflammatory cytokine expression and NF- $\kappa$ B signaling pathways in human primary chondrocytes. <i>Lasers in Medical Science</i> , 2021, , 1.	1.0	4
10	Bone Regeneration in a Canine Model of Artificial Jaw Cleft Using Bone Marrow-Derived Mesenchymal Stem Cells and Carbonate Hydroxyapatite Carrier. <i>Cleft Palate-Craniofacial Journal</i> , 2020, 57, 208-217.	0.5	9
11	Protective effects of cilengitide on inflammation in chondrocytes under excessive mechanical stress. <i>Cell Biology International</i> , 2020, 44, 966-974.	1.4	21
12	Stem cell-derived conditioned media from human exfoliated deciduous teeth promote bone regeneration. <i>Oral Diseases</i> , 2020, 26, 381-390.	1.5	41
13	Baicalin inhibits root resorption during tooth movement in a rodent model. <i>Archives of Oral Biology</i> , 2020, 116, 104770.	0.8	10
14	FAK inhibition protects condylar cartilage under excessive mechanical stress. <i>Oral Diseases</i> , 2020, 26, 1736-1746.	1.5	5
15	High-Frequency Near-Infrared Diode Laser Irradiation Attenuates IL-1 $\beta$ -Induced Expression of Inflammatory Cytokines and Matrix Metalloproteinases in Human Primary Chondrocytes. <i>Journal of Clinical Medicine</i> , 2020, 9, 881.	1.0	13
16	Examination of the effect of combined use of Er:YAG laser irradiation and mechanical force loading on bone metabolism using primary human gingival fibroblasts. <i>Lasers in Medical Science</i> , 2020, 35, 2059-2064.	1.0	4
17	Examination of the Effect of the Combined Use of Nd: YAG Laser Irradiation and Mechanical Force Loading on Bone Metabolism Using Cultured Human Osteoblasts. <i>Journal of Lasers in Medical Sciences</i> , 2020, 11, 138-143.	0.4	10
18	Effects of Nd:YAG low-level laser irradiation on cultured human osteoblasts migration and ATP production: in vitro study. <i>Lasers in Medical Science</i> , 2019, 34, 55-60.	1.0	20

#	ARTICLE	IF	CITATIONS
19	Molecular biological and histological effects of Er:YAG laser irradiation on tooth movement. Journal of Oral Science, 2019, 61, 67-72.	0.7	2
20	Success rates in isolating mesenchymal stem cells from permanent and deciduous teeth. Scientific Reports, 2019, 9, 16764.	1.6	14
21	The effect of mesenchymal stem cells on osteoclast precursor cell differentiation. Journal of Oral Science, 2019, 61, 30-35.	0.7	13
22	Baicalin Promotes Osteogenic Differentiation of Human Cementoblast Lineage Cells Via the Wnt/ $\beta$ 2 Catenin Signaling Pathway. Current Pharmaceutical Design, 2019, 24, 3980-3987.	0.9	8
23	Comparison of the bone regeneration ability between stem cells from human exfoliated deciduous teeth, human dental pulp stem cells and human bone marrow mesenchymal stem cells. Biochemical and Biophysical Research Communications, 2018, 497, 876-882.	1.0	87
24	Effect of high-frequency near-infrared diode laser irradiation on periodontal tissues during experimental tooth movement in rats. Lasers in Surgery and Medicine, 2018, 50, 772-780.	1.1	14
25	Effects of high-frequency near-infrared diode laser irradiation on the proliferation and migration of mouse calvarial osteoblasts. Lasers in Medical Science, 2018, 33, 959-966.	1.0	20
26	The C-terminus of the amelogenin peptide influences the proliferation of human bone marrow mesenchymal stem cells. Journal of Periodontology, 2018, 89, 496-505.	1.7	8
27	Dynamic imaging of the effect of mesenchymal stem cells on osteoclast precursor cell chemotaxis for bone defects in the mouse skull. Journal of Dental Sciences, 2018, 13, 354-359.	1.2	7
28	The effect of mesenchymal stem cells on chemotaxis of osteoclast precursor cells. Journal of Oral Science, 2018, 60, 221-225.	0.7	14
29	Cyclic Tensile Strain Upregulates Pro-Inflammatory Cytokine Expression Via FAK-MAPK Signaling in Chondrocytes. Inflammation, 2018, 41, 1621-1630.	1.7	19
30	Comparative characterization of stem cells from human exfoliated deciduous teeth, dental pulp, and bone marrow-derived mesenchymal stem cells. Biochemical and Biophysical Research Communications, 2018, 501, 193-198.	1.0	121
31	The role of vascular endothelial growth factor and mesenchymal stem cells during angiogenesis. Biomedical Research (Aligarh, India), 2018, 29, .	0.1	3
32	Bovine lactoferrin reduces extra-territorial facial allodynia/hyperalgesia following a trigeminal nerve injury in the rat. Brain Research, 2017, 1669, 89-96.	1.1	8
33	Effects of C-terminal amelogenin peptides on the metabolism of osteoblasts. Biochemical and Biophysical Research Communications, 2017, 482, 1154-1159.	1.0	6
34	Effects of C-Terminal Amelogenin Peptide on Proliferation of Human Cementoblast Lineage Cells. Journal of Periodontology, 2016, 87, 820-827.	1.7	7
35	Effects of a Low Level Laser on Periodontal Tissue in Hypofunctional Teeth. PLoS ONE, 2014, 9, e100066.	1.1	10
36	Differential Effects of Amelogenin on Mineralization of Cementoblasts and Periodontal Ligament Cells. Journal of Periodontology, 2012, 83, 672-679.	1.7	23

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37	Amelogenin Enhances the Proliferation of Cementoblast Lineage Cells. Journal of Periodontology, 2011, 82, 1632-1638.	1.7	17
38	Effects of human full-length amelogenin on the proliferation of human mesenchymal stem cells derived from bone marrow. Cell and Tissue Research, 2010, 342, 205-212.	1.5	32