

Masato Kaku

List of Publications by Year in descending order

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42
papers

1,049
citations

623188

14
h-index

414034

32
g-index

44
all docs

44
docs citations

44
times ranked

1022
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular Endothelial Growth Factor Can Substitute for Macrophage Colony-Stimulating Factor in the Support of Osteoclastic Bone Resorption. <i>Journal of Experimental Medicine</i> , 1999, 190, 293-298.	4.2	384
2	Cryopreservation of periodontal ligament cells with magnetic field for tooth banking. <i>Cryobiology</i> , 2010, 61, 73-78.	0.3	82
3	Effects of Vascular Endothelial Growth Factor on Osteoclast Induction during Tooth Movement in Mice. <i>Journal of Dental Research</i> , 2001, 80, 1880-1883.	2.5	77
4	Expression of Vascular Endothelial Growth Factor and the Effects on Bone Remodeling during Experimental Tooth Movement. <i>Journal of Dental Research</i> , 2003, 82, 177-182.	2.5	72
5	Effects of cryopreservation with a newly-developed magnetic field programmed freezer on periodontal ligament cells and pulp tissues. <i>Cryobiology</i> , 2011, 62, 181-187.	0.3	45
6	Gummy smile and facial profile correction using miniscrew anchorage. <i>Angle Orthodontist</i> , 2012, 82, 170-177.	1.1	44
7	VEGF and M-CSF levels in periodontal tissue during tooth movement. <i>Biomedical Research</i> , 2008, 29, 181-187.	0.3	41
8	Effects of Cyclic Tensile Forces on the Expression of Vascular Endothelial Growth Factor (VEGF) and Macrophage-colony-stimulating Factor (M-CSF) in Murine Osteoblastic MC3T3-E1 Cells. <i>Journal of Dental Research</i> , 2005, 84, 422-427.	2.5	40
9	Electric and magnetic fields in cryopreservation: A response. <i>Cryobiology</i> , 2012, 64, 304-305.	0.3	26
10	Cryopreservation of rat MSCs by use of a programmed freezer with magnetic field. <i>Cryobiology</i> , 2013, 67, 258-263.	0.3	25
11	A case of tooth autotransplantation after long-term cryopreservation using a programmed freezer with a magnetic field. <i>Angle Orthodontist</i> , 2014, 85, 518-524.	1.1	20
12	Treatment of a Case of Skeletal Class II Malocclusion with Temporomandibular Joint Disorder Using Miniscrew Anchorage. <i>Cranio - Journal of Craniomandibular Practice</i> , 2011, 29, 155-163.	0.6	16
13	Dose- and Time-dependent Changes in Osteoclast Induction after a Single Injection of Vascular Endothelial Growth Factor in Osteopetrotic Mice. <i>Biomedical Research</i> , 2000, 21, 67-72.	0.3	15
14	Amyloid β protein deposition and neuron loss in osteopetrotic (op/op) mice. <i>Brain Research Protocols</i> , 2003, 12, 104-108.	1.7	14
15	Mesenchymal Stem Cell-Induced Cranial Suture-Like Gap in Rats. <i>Plastic and Reconstructive Surgery</i> , 2011, 127, 69-77.	0.7	14
16	Cranial suture-like gap and bone regeneration after transplantation of cryopreserved MSCs by use of a programmed freezer with magnetic field in rats. <i>Cryobiology</i> , 2015, 70, 262-268.	0.3	14
17	The effect of magnetic field during freezing and thawing of rat bone marrow-derived mesenchymal stem cells. <i>Cryobiology</i> , 2016, 73, 15-19.	0.3	14
18	In-vitro and in-vivo study of periodontal ligament cryopreserved with a magnetic field. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011, 140, 799-805.	0.8	13

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19	Effects of Pulpectomy on the Amount of Root Resorption during Orthodontic Tooth Movement. <i>Journal of Endodontics</i> , 2014, 40, 372-378.	1.4	13
20	Effects of loxoprofen on the apical root resorption during orthodontic tooth movement in rats. <i>PLoS ONE</i> , 2018, 13, e0194453.	1.1	12
21	Correction of severe open bite using miniscrew anchorage. <i>Australian Dental Journal</i> , 2009, 54, 374-380.	0.6	9
22	Bonding and Thermal Cycling Performances of Two (Poly)Aryl Ether Ketone (PAEKs) Materials to an Acrylic Denture Base Resin. <i>Polymers</i> , 2021, 13, 543.	2.0	8
23	Tongue-palatal contact changes in patients with skeletal mandibular prognathism after sagittal split ramus osteotomy: an electropalatography study. <i>Journal of Oral Rehabilitation</i> , 2017, 44, 673-682.	1.3	7
24	Acetaminophen reduces apical root resorption during orthodontic tooth movement in rats. <i>Archives of Oral Biology</i> , 2019, 102, 83-92.	0.8	7
25	Fms-like tyrosine kinase (Flt)-4 signaling participates in osteoclast differentiation in osteopetrotic (op/op) mice. <i>Biomedical Research</i> , 2009, 30, 31-37.	0.3	6
26	Effect of continuous compressive force on the expression of RANKL, OPG, and VEGF in osteocytes. <i>Biomedical Research</i> , 2020, 41, 91-99.	0.3	4
27	Changes in tongue-palatal contact during swallowing in patients with skeletal mandibular prognathism after orthognathic surgery. <i>PLoS ONE</i> , 2021, 16, e0251759.	1.1	4
28	Occlusal Trauma and Bisphosphonate-Related Osteonecrosis of the Jaw in Mice. <i>Calcified Tissue International</i> , 2022, 110, 380-392.	1.5	4
29	Two-Stage Approach for Treatment of Two Patients with Facial Asymmetry Caused by Unilateral Condylar Hyperplasia. <i>The Japanese Journal of Jaw Deformities</i> , 2016, 26, 48-55.	0.1	4
30	Effects of hyperbaric oxygen treatment on calvarial bone regeneration in young and adult mice. <i>Archives of Oral Biology</i> , 2020, 117, 104828.	0.8	3
31	Generalized periodontitis treated with periodontal, orthodontic, and prosthodontic therapy: A case report. <i>World Journal of Clinical Cases</i> , 2021, 9, 6110-6124.	0.3	3
32	Cranial bone regeneration after cranioplasty using cryopreserved autogenous bone by a programmed freezer with a magnetic field in rats. <i>Cryo-Letters</i> , 2014, 35, 451-61.	0.1	3
33	Correction of skeletal class II severe open bite with temporomandibular joint disorder treated by miniscrew anchorage and molar extraction: a case report. <i>Journal of Medical Case Reports</i> , 2019, 13, 207.	0.4	2
34	An Investigation of Tongue-Palatal Contact Changes in Patients With Skeletal Mandibular Lateral Deviation After Sagittal Split Ramus Osteotomy. <i>Journal of Craniofacial Surgery</i> , 2021, 32, e94-e98.	0.3	2
35	Effect of alendronate on resorption of transplanted bone in mice. <i>Biomedical Research</i> , 2003, 24, 147-151.	0.3	1
36	Functional regulation of osteoblastic MC3T3E-1 cells by hyperbaric oxygen treatment. <i>Archives of Oral Biology</i> , 2022, 138, 105410.	0.8	1

#	ARTICLE	IF	CITATIONS
37	Reply. <i>European Journal of Orthodontics</i> , 2015, 37, 119-119.	1.1	0
38	Effects of Parathyroid Hormone on Nasopremaxillary Growth under Different Masticatory Loading Conditions in Growing Mice. <i>Biomedical Research</i> , 2002, 23, 37-46.	0.3	0
39	Effect of macrophage colony-stimulating factor on osteoclast differentiation and the relevant morphologic modification in the mandibular condyle of osteopetrotic (op/op) mice. <i>Biomedical Research</i> , 2002, 23, 161-165.	0.3	0
40	A Case of Skeletal Maxillary Protrusion with Open Bite and Hypoplasia of the Condyle Treated Using Maxillary Surgery Alone. <i>The Japanese Journal of Jaw Deformities</i> , 2019, 29, 59-65.	0.1	0
41	Lansoprazole and zoledronate delays hard tissue healing of tooth extraction sockets in dexamethasone-treated mice. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112991.	2.5	0
42	Influence of dental abrasives on surface roughness, gloss, and color of titanium. <i>Journal of Oral Science</i> , 2022, , .	0.7	0