

# Hiroyuki Kumamoto

## 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.

85 papers	1,739 citations	26 h-index	38 g-index
86 ext. papers	1,872 ext. citations	2.8 avg, IF	4.5 L-index

#	Paper	IF	Citations
85	Biodegradation behaviors of magnesium(Mg)-based alloy nails in autologous bone grafts: In vivo study in rabbit skulls. <i>Journal of Applied Biomaterials and Functional Materials</i> , <b>2022</b> , 20, 228080002210952	1.8	0
84	Osteogenic response under the periosteum by magnesium implantation in rat tibia. <i>Dental Materials Journal</i> , <b>2021</b> , 40, 498-507	2.5	0
83	In vivo behavior of untreated and compressed concentrated growth factors as biomaterials in rabbits. <i>Dental Materials Journal</i> , <b>2021</b> , 40, 8-15	2.5	0
82	Influence of oestrogen deficiency and excessive mechanical stress on condylar head of mandible. <i>Oral Diseases</i> , <b>2020</b> , 26, 1718-1726	3.5	1
81	Pediatric cemento-ossifying fibroma of the anterior mandible: A case report. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2020</b> , 32, 285-290	0.4	0
80	A case report: Spindle cell lipoma in the floor of mouth. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2020</b> , 32, 323-329	0.4	1
79	Immunohistochemical assessment of Eph/ephrin expression in oral squamous cell carcinoma and precursor lesions. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2020</b> , 108, 166-173	3.6	2
78	Immunohistochemical assessment of growth factor signaling molecules: MAPK, Akt, and STAT3 pathways in oral epithelial precursor lesions and squamous cell carcinoma. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2020</b> , 108, 91-101	3.6	7
77	Immunohistochemical assessment of chromatin licensing and DNA replication factor 1, geminin, and H2A.X in oral epithelial precursor lesions and squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2019</b> , 48, 888-896	3.3	2
76	Effects of Local Administration of Novel Bisphosphonate Disodium Dihydrogen-4-[(Methylthio) Phenylthio] Methane- Bisphosphonate (MPMBP) on the Healing of Femoral Bone Defects in Wistar Rats. <i>Journal of Hard Tissue Biology</i> , <b>2019</b> , 28, 207-216	0.4	0
75	In vitro and in vivo analysis of the biodegradable behavior of a magnesium alloy for biomedical applications. <i>Dental Materials Journal</i> , <b>2019</b> , 38, 11-21	2.5	10
74	Expression of immunoregulatory molecules PD-L1 and PD-1 in oral cancer and precancerous lesions: A cohort study of Japanese patients. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2019</b> , 47, 33-40	3.6	15
73	Immunohistochemical assessment of hypoxia-inducible factor-1[HIF-1] and carbonic anhydrase IX (CA IX) in ameloblastomas. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2018</b> , 30, 294-300	0.4	1
72	Peripheral clear cell variant of calcifying epithelial odontogenic tumor devoid of calcification. <i>Journal of Oral Science</i> , <b>2018</b> , 60, 469-472	1.5	0
71	Actinomycosis manifested in the buccal mucosa estimated with scraping cytology: A case report. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2017</b> , 29, 249-253	0.4	1
70	A novel method of surface modification by electrochemical deoxidation: Effect on surface characteristics and initial bioactivity of zirconia. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2017</b> , 105, 2641-2652	3.5	1
69	Underlying Mechanisms and Therapeutic Strategies for Bisphosphonate-Related Osteonecrosis of the Jaw (BRONJ). <i>Biological and Pharmaceutical Bulletin</i> , <b>2017</b> , 40, 739-750	2.3	28

68	Induction of the Histamine-Forming Enzyme Histidine Decarboxylase in Skeletal Muscles by Prolonged Muscular Work: Histological Demonstration and Mediation by Cytokines. <i>Biological and Pharmaceutical Bulletin</i> , <b>2017</b> , 40, 1326-1330	2.3	4
67	Roles of Aryl Hydrocarbon Receptor in Aromatase-Dependent Cell Proliferation in Human Osteoblasts. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	12
66	A case of black hairy tongue in a newborn infant. <i>Nihon Koku Geka Gakkai Zasshi</i> , <b>2016</b> , 62, 518-520	0.1	
65	Quantitative analysis of nuclear shape in oral squamous cell carcinoma is useful for predicting the chemotherapeutic response. <i>Medical Molecular Morphology</i> , <b>2016</b> , 49, 76-82	2.3	4
64	Steroid and xenobiotic receptor-mediated effects of bisphenol A on human osteoblasts. <i>Life Sciences</i> , <b>2016</b> , 155, 29-35	6.8	14
63	Immunohistochemical and genetic evaluations of epidermal growth factor receptor (EGFR) in oral squamous cell carcinoma. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2016</b> , 28, 174-181	0.4	3
62	Detection of human papillomavirus infection in oral squamous cell carcinoma: a cohort study of Japanese patients. <i>Journal of Oral Pathology and Medicine</i> , <b>2016</b> , 45, 565-72	3.3	20
61	In vivo corrosion behaviour of magnesium alloy in association with surrounding tissue response in rats. <i>Biomedical Materials (Bristol)</i> , <b>2016</b> , 11, 025001	3.5	14
60	Radicular cyst associated with anomalous tooth, suspicious of dens invaginatus: Report of two cases. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2016</b> , 28, 375-379	0.4	
59	Timed-release system for periosteal expansion osteogenesis using NiTi mesh and absorbable material in the rabbit calvaria. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2016</b> , 44, 1366-72	3.6	12
58	Guanine nucleotide-binding protein 1 is one of the key molecules contributing to cancer cell radioresistance. <i>Cancer Science</i> , <b>2014</b> , 105, 1351-9	6.9	26
57	Immunohistochemical assessment of ATG7, LC3, and p62 in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2014</b> , 43, 606-12	3.3	7
56	Roles played by histamine in strenuous or prolonged masseter muscle activity in mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2013</b> , 40, 848-55	3	10
55	Assessment of protein expression and gene status of human epidermal growth factor receptor (HER) family molecules in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2013</b> , 42, 424-34	3.3	13
54	Case report of Mammary Analog Secretory Carcinoma of the parotid gland. <i>Pathology International</i> , <b>2012</b> , 62, 149-52	1.8	38
53	The advantages of co-culture over mono cell culture in simulating in vivo environment. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2012</b> , 131, 68-75	5.1	114
52	Expression of Aryl Hydrocarbon Receptor in Bone Tissues <b>2012</b> , 134-136		1
51	Detection of CD133, Bmi-1, and ABCG2 in ameloblastic tumors. <i>Journal of Oral Pathology and Medicine</i> , <b>2010</b> , 39, 87-93	3.3	20

50	Detection of Beclin1 and ATG5 in ameloblastic tumors. <i>Oral Medicine &amp; Pathology</i> , <b>2010</b> , 14, 153-159		1
49	Molecular alterations in the development and progression of odontogenic tumors. <i>Oral Medicine &amp; Pathology</i> , <b>2010</b> , 14, 121-130		3
48	Inhibition of necrotic actions of nitrogen-containing bisphosphonates (NBPs) and their elimination from bone by etidronate (a non-NBP): a proposal for possible utilization of etidronate as a substitution drug for NBPs. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2010</b> , 68, 1043-54	1.8	31
47	Tophaceous pseudogout (tumoral calcium pyrophosphate dihydrate crystal deposition disease) of the temporomandibular joint: A case report. <i>Asian Journal of Oral and Maxillofacial Surgery</i> , <b>2010</b> , 22, 108-111		4
46	Hepatic platelet accumulation in Fas-mediated hepatitis in mice. <i>International Immunopharmacology</i> , <b>2009</b> , 9, 1071-8	5.8	6
45	Detection of Notch signaling molecules in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2008</b> , 37, 228-34	3.3	21
44	Immunohistochemical detection of phosphorylated Akt, PI3K, and PTEN in ameloblastic tumors. <i>Oral Diseases</i> , <b>2007</b> , 13, 461-7	3.5	30
43	Involvement of Kupffer cells in lipopolysaccharide-induced rapid accumulation of platelets in the liver and the ensuing anaphylaxis-like shock in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2006</b> , 1762, 269-75	6.9	21
42	Immunohistochemical detection of retinoblastoma protein and E2 promoter-binding factor-1 in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2006</b> , 35, 183-9	3.3	20
41	Immunohistochemical detection of platelet-derived endothelial cell growth factor/thymidine phosphorylase and angiopoietins in ameloblastic tumors. <i>Journal of Oral Pathology and Medicine</i> , <b>2006</b> , 35, 606-12	3.3	13
40	Apoptosis-related factors in the epithelial components of dental follicles and dentigerous cysts associated with impacted third molars of the mandible. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2005</b> , 99, 17-23		35
39	Expression of p63 and p73 in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2005</b> , 34, 220-6	3.3	45
38	Expression of tumor necrosis factor alpha, TNF-related apoptosis-inducing ligand, and their associated molecules in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2005</b> , 34, 287-94	3.3	33
37	Detection of mitochondria-mediated apoptosis signaling molecules in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2005</b> , 34, 565-72	3.3	23
36	Extra-abdominal fibromatosis of the cheek: report of a case. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2005</b> , 63, 1222-6	1.8	25
35	K-Ras gene status and expression of Ras/mitogen-activated protein kinase (MAPK) signaling molecules in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2004</b> , 33, 360-7	3.3	33
34	Expression of parathyroid hormone-related protein (PTHrP), osteoclast differentiation factor (ODF)/receptor activator of nuclear factor-kappaB ligand (RANKL) and osteoclastogenesis inhibitory factor (OCIF)/osteoprotegerin (OPG) in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2004</b> , 33, 46-52	3.3	37
33	p53 gene status and expression of p53, MDM2, and p14 proteins in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2004</b> , 33, 292-9	3.3	55

32	Expression of Sonic hedgehog (SHH) signaling molecules in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2004</b> , 33, 185-90	3.3	53
31	Expression of survivin and X chromosome-linked inhibitor of apoptosis protein in ameloblastomas. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2004</b> , 444, 164-70	5.1	24
30	Benign cementoblastoma involving multiple maxillary teeth: report of a case with a review of the literature. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2004</b> , 97, 53-8		40
29	A Case Report of Multiple Perforations of Transverse Colon Induced by a Non-steroidal Anti-inflammatory Drug (Diclofenac Sodium). <i>Japanese Journal of Gastroenterological Surgery</i> , <b>2004</b> , 37, 1582-1587	0.1	2
28	Immunohistochemical Analysis of Benign Mixed and Mesenchymal Odontogenic Tumors. <i>Oral Medicine &amp; Pathology</i> , <b>2003</b> , 8, 125-132		5
27	Inducible nitric oxide synthase and apoptosis-related factors in the synovial tissues of temporomandibular joints with internal derangement and osteoarthritis. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2003</b> , 61, 801-7	1.8	49
26	Immunohistochemical detection of matrix metalloproteinases (MMPs) and tissue inhibitors of metalloproteinases (TIMPs) in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2003</b> , 32, 114-20	3.3	60
25	Immunohistochemical and genetic analysis of mandibular cysts in heterozygous ptc knockout mice. <i>Journal of Oral Pathology and Medicine</i> , <b>2003</b> , 32, 108-13	3.3	19
24	Immunohistochemical Analysis of Vascular Endothelial Growth Factor (VEGF) Expression and Tumor Angiogenesis in Tongue Squamous Cell Carcinomas.. <i>Oral Medicine &amp; Pathology</i> , <b>2003</b> , 8, 13-19		2
23	Immunohistochemical analysis of inducible nitric oxide synthase (iNOS) and heat shock proteins (HSPs) in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2002</b> , 31, 605-11	3.3	24
22	Expression of inducible nitric oxide synthase and heat shock proteins in periapical inflammatory lesions. <i>Journal of Oral Pathology and Medicine</i> , <b>2002</b> , 31, 488-93	3.3	22
21	Immunohistochemical detection of hepatocyte growth factor, transforming growth factor-beta and their receptors in epithelial odontogenic tumors. <i>Journal of Oral Pathology and Medicine</i> , <b>2002</b> , 31, 539-48	4.3	17
20	Association between vascular endothelial growth factor (VEGF) expression and tumor angiogenesis in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2002</b> , 31, 28-34	3.3	48
19	Telomerase activity and telomerase reverse transcriptase (TERT) expression in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2001</b> , 30, 231-6	3.3	29
18	Immunohistochemical and ultrastructural investigation of apoptotic cell death in granular cell ameloblastoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2001</b> , 30, 245-50	3.3	36
17	Detection of cell cycle-related factors in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2001</b> , 30, 309-15	3.3	54
16	Immunohistochemical analysis of cell-cycle- and apoptosis-related factors in lining epithelium of odontogenic keratocysts. <i>Journal of Oral Pathology and Medicine</i> , <b>2001</b> , 30, 434-42	3.3	50
15	Histopathological and immunohistochemical analysis of calcifying odontogenic cysts. <i>Journal of Oral Pathology and Medicine</i> , <b>2001</b> , 30, 582-8	3.3	39

14	Immunohistochemical analysis of apoptosis-related factors (Fas, Fas ligand, caspase-3 and single-stranded DNA) in ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>2001</b> , 30, 596-602	3.3	54
13	Chromogenic in situ hybridization analysis of HER-2/neu status in breast carcinoma: application in screening of patients for trastuzumab (Herceptin) therapy. <i>Pathology International</i> , <b>2001</b> , 51, 579-84	1.8	49
12	Immunohistochemical Expression of Integrins and CD44 in Ameloblastomas.. <i>Oral Medicine &amp; Pathology</i> , <b>2001</b> , 6, 73-78		3
11	Clear cell odontogenic tumor in the mandible: report of a case with duct-like appearances and dentinoid induction. <i>Journal of Oral Pathology and Medicine</i> , <b>2000</b> , 29, 43-7	3.3	36
10	Analysis of Apoptosis-related Factors and Apoptotic Cells in Lining Epithelium of Odontogenic Keratocysts.. <i>Oral Medicine &amp; Pathology</i> , <b>2000</b> , 5, 35-40		18
9	Alveolar soft-part sarcoma of the cheek: report of a case with a review of the literature. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2000</b> , 29, 366-369	2.9	14
8	Expression of E-cadherin and alpha-catenin in epithelial odontogenic tumors: an immunohistochemical study. <i>Journal of Oral Pathology and Medicine</i> , <b>1999</b> , 28, 152-7	3.3	23
7	Immunohistochemical analysis of bcl-2 family proteins in benign and malignant ameloblastomas. <i>Journal of Oral Pathology and Medicine</i> , <b>1999</b> , 28, 343-9	3.3	46
6	Immunohistochemical Study on Apoptosis and Cell Proliferation in the Lining Epithelium of Thyroglossal Duct Cysts.. <i>Oral Medicine &amp; Pathology</i> , <b>1999</b> , 4, 47-54		1
5	Clear cell odontogenic tumor in the mandible: report of a case with an immunohistochemical study of epithelial cell markers. <i>Pathology International</i> , <b>1998</b> , 48, 618-22	1.8	26
4	Desmoplastic Ameloblastoma in the Mandible: Report of a case with an immunohistochemical study of epithelial cell markers.. <i>Oral Medicine &amp; Pathology</i> , <b>1998</b> , 3, 45-48		2
3	Detection of apoptosis-related factors and apoptotic cells in ameloblastomas: analysis by immunohistochemistry and an in situ DNA nick end-labelling method. <i>Journal of Oral Pathology and Medicine</i> , <b>1997</b> , 26, 419-25	3.3	62
2	Transfusion-associated graft-versus-host disease diagnosed by polymerase chain reaction analysis of DNA microsatellites: an autopsy case with immunohistochemical investigation. <i>Tohoku Journal of Experimental Medicine</i> , <b>1996</b> , 179, 281-9	2.4	3
1	Characterization of novel monoclonal antibodies raised against formalin-fixed, paraffin-embedded human ameloblastoma. <i>Journal of Oral Pathology and Medicine</i> , <b>1996</b> , 25, 484-90	3.3	12