Eiichiro Ariji

List of Publications by Year
in descending order

		87723	114278
180 papers	5,026 citations	38 h-index	63 g-index
181 all docs	181 docs citations	181 times ranked	3274 citing authors

#	Article	IF	Citations
1	3D-CT evaluation of facial asymmetry. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2005, 99, 212-220.	1.6	191
2	Effects of image artifacts on gray-value density in limited-volume cone-beam computerized tomography. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 104, 829-836.	1.6	162
3	A deep-learning artificial intelligence system for assessment of root morphology of the mandibular first molar on panoramic radiography. Dentomaxillofacial Radiology, 2019, 48, 20180218.	1.3	150
4	Image artifact in dental cone-beam CT. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2006, 101, 652-657.	1.6	139
5	Three-dimensional computed tomographic evaluation of morphologic airway changes after mandibular setback osteotomy for prognathism. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2000, 89, 278-287.	1.6	136
6	3D-CT evaluation of facial asymmetry in patients with maxillofacial deformities. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2006, 102, 382-390.	1.6	133
7	Deep-learning classification using convolutional neural network for evaluation of maxillary sinusitis on panoramic radiography. Oral Radiology, 2019, 35, 301-307.	0.9	133
8	Evaluation of an artificial intelligence system for detecting vertical root fracture on panoramic radiography. Oral Radiology, 2020, 36, 337-343.	0.9	130
9	Accessory mental foramen assessment using cone-beam computed tomography. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 107, 289-294.	1.6	129
10	Relationship between density variability and imaging volume size in cone-beam computerized tomographic scanning of the maxillofacial region: an in vitro study. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 107, 420-425.	1.6	121
11	Clinical Evaluations of Coronectomy (Intentional Partial Odontectomy) for Mandibular Third Molars Using Dental Computed Tomography: A Case-Control Study. Journal of Oral and Maxillofacial Surgery, 2009, 67, 1806-1814.	0.5	118
12	Automatic detection and classification of radiolucent lesions in the mandible on panoramic radiographs using a deep learning object detection technique. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2019, 128, 424-430.	0.2	109
13	Contrast-enhanced computed tomography image assessment of cervical lymph node metastasis in patients with oral cancer by using a deep learning system of artificial intelligence. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2019, 127, 458-463.	0.2	108
14	Observation of bifid mandibular canal using cone-beam computerized tomography. International Journal of Oral and Maxillofacial Implants, 2009, 24, 155-9.	0.6	108
15	Effectiveness of Dental Computed Tomography in Diagnostic Imaging of Periradicular Lesion of Each Root of a Multirooted Tooth: A Case Report. Journal of Endodontics, 2006, 32, 583-587.	1.4	105
16	Evaluation of voxel values in mandibular cancellous bone: relationship between cone€beam computed tomography and multislice helical computed tomography. Clinical Oral Implants Research, 2009, 20, 503-506.	1.9	96
17	Comparison between cone-beam and multislice computed tomography depicting mandibular neurovascular canal structures. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e25-e31.	1.6	95
18	Spread of odontogenic infection originating in the maxillary teeth: Computerized tomographic assessment. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2004, 98, 223-231.	1.6	88

#	Article	IF	Citations
19	Stafne's bone cavity. Oral Surgery, Oral Medicine, and Oral Pathology, 1993, 76, 375-380.	0.6	87
20	Ultrasonographic features of the masseter muscle in female patients with temporomandibular disorder associated with myofascial pain. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2004, 98, 337-341.	1.6	67
21	Can implants be correctly angulated based on surgical templates used for osseointegrated dental implants?. Clinical Oral Implants Research, 2000, 11, 409-414.	1.9	63
22	Discriminative thresholds of cephalometric indexes in the subjective evaluation of facial asymmetry. American Journal of Orthodontics and Dentofacial Orthopedics, 2007, 131, 609-613.	0.8	63
23	Deep learning systems for detecting and classifying the presence of impacted supernumerary teeth in the maxillary incisor region on panoramic radiographs. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2020, 130, 464-469.	0.2	59
24	Demonstration of the accessory mental foramen using rotational panoramic radiography compared with cone-beam computed tomography. Clinical Oral Implants Research, 2011, 22, 1415-1419.	1.9	55
25	3D CT evaluation of masseter muscle morphology after setback osteotomy for mandibular prognathism. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2004, 98, 461-470.	1.6	53
26	Tooth detection and classification on panoramic radiographs for automatic dental chart filing: improved classification by multi-sized input data. Oral Radiology, 2021, 37, 13-19.	0.9	51
27	Roots of the maxillary first and second molars in horizontal relation to alveolar cortical plates and maxillary sinus: computed tomography assessment for infection spread. Clinical Oral Investigations, 2006, 10, 35-41.	1.4	50
28	Reproducibility of Maxillofacial Anatomic Landmarks on 3-Dimensional Computed Tomographic Images Determined with the 95% Confidence Ellipse Method. Angle Orthodontist, 2008, 78, 396-402.	1.1	47
29	CT evaluation of extranodal extension of cervical lymph node metastases in patients with oral squamous cell carcinoma using deep learning classification. Oral Radiology, 2020, 36, 148-155.	0.9	47
30	General Rules for Clinical and Pathological Studies on Oral Cancer: A Synopsis. Japanese Journal of Clinical Oncology, 2012, 42, 1099-1109.	0.6	45
31	Can cephalometric indices and subjective evaluation be consistent for facial asymmetry?. Angle Orthodontist, 2005, 75, 651-5.	1.1	45
32	Assessment of Maxillary Sinus Septa Using Cone‒Beam Computed Tomography: Etiological Consideration. Clinical Implant Dentistry and Related Research, 2009, 11, e52-8.	1.6	44
33	Imaging features contributing to the diagnosis of ameloblastomas and keratocystic odontogenic tumours: logistic regression analysis. Dentomaxillofacial Radiology, 2011, 40, 133-140.	1.3	44
34	Blood flow in and around the masseter muscle: Normal and pathologic features demonstrated by color Doppler sonography. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2001, 91, 472-482.	1.6	43
35	Bifid Mandibular Canal in Japanese. Implant Dentistry, 2007, 16, 24-32.	1.7	43
36	Clinical and Dental Computed Tomographic Evaluation 1 Year After Coronectomy. Journal of Oral and Maxillofacial Surgery, 2012, 70, 1023-1029.	0.5	42

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37	Measurement of mandibles with microfocus x-ray computerized tomography and compact computerized tomography for dental use. International Journal of Oral and Maxillofacial Implants, 2004, 19, 239-46.	0.6	42
38	Use of sonographic elastography of the masseter muscles for optimizing massage pressure: a preliminary study. Journal of Oral Rehabilitation, 2009, 36, 627-635.	1.3	41
39	Sonographic elastography for evaluation of masseter muscle hardness. Oral Radiology, 2013, 29, 64-69.	0.9	41
40	Comparison of 3 deep learning neural networks for classifying the relationship between the mandibular third molar and the mandibular canal on panoramic radiographs. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2020, 130, 336-343.	0.2	41
41	Florid cemento-osseous dysplasia. Oral Surgery, Oral Medicine, and Oral Pathology, 1994, 78, 391-396.	0.6	40
42	Preliminary study on the application of deep learning system to diagnosis of Sjögren's syndrome on CT images. Dentomaxillofacial Radiology, 2019, 48, 20190019.	1.3	40
43	Ultrasonographic evaluation of inflammatory changes in the masseter muscle. Oral Surgery, Oral Medicine, and Oral Pathology, 1994, 78, 797-801.	0.6	38
44	Prospective study to estimate mandibular cancellous bone density using large‐volume cone‐beam computed tomography. Clinical Oral Implants Research, 2010, 21, 1309-1313.	1.9	37
45	Masseter muscle sonographic features as indices for evaluating efficacy of massage treatment. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 110, 517-526.	1.6	37
46	Deep extension from carcinoma arising from the gingiva: CT and MR imaging features. American Journal of Neuroradiology, 2002, 23, 468-72.	1.2	37
47	Condylar head remodeling following mandibular setback osteotomy for prognathism: A comparative study of different imaging modalities. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2006, 101, 505-514.	1.6	36
48	Deep learning object detection of maxillary cyst-like lesions on panoramic radiographs: preliminary study. Oral Radiology, 2021, 37, 487-493.	0.9	36
49	Relationship Between Cancellous Bone Density and Mandibular Canal Depiction. Implant Dentistry, 2009, 18, 112-118.	1.7	34
50	Observer agreement in the detection of proximal caries with direct digital intraoral radiography. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1998, 85, 107-112.	1.6	33
51	Performance of deep learning object detection technology in the detection and diagnosis of maxillary sinus lesions on panoramic radiographs. Dentomaxillofacial Radiology, 2021, 50, 20200171.	1.3	32
52	Observation of buccal foramen in mandibular body using cone-beam computed tomography. Okajimas Folia Anatomica Japonica, 2009, 86, 25-29.	1.2	30
53	Utilization of computer-aided detection system in diagnosing unilateral maxillary sinusitis on panoramic radiographs. Dentomaxillofacial Radiology, 2016, 45, 20150419.	1.3	30
54	Radiographic patterns of osteomyelitis in the mandible Plain film/CT correlation. Oral Surgery, Oral Medicine, and Oral Pathology, 1994, 78, 116-124.	0.6	29

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55	Computed tomographic features of bilateral coronoid process hyperplasia with special emphasis on patients without interference between the process and the zygomatic bone. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2005, 99, 93-100.	1.6	29
56	Shear-wave sonoelastography for assessing masseter muscle hardness in comparison with strain sonoelastography: study with phantoms and healthy volunteers. Dentomaxillofacial Radiology, 2016, 45, 20150251.	1.3	28
57	Usefulness of a deep learning system for diagnosing Sjögren's syndrome using ultrasonography images. Dentomaxillofacial Radiology, 2020, 49, 20190348.	1.3	28
58	Automatic detection of cervical lymph nodes in patients with oral squamous cell carcinoma using a deep learning technique: a preliminary study. Oral Radiology, 2021, 37, 290-296.	0.9	28
59	High-frequency color Doppler sonography of the submandibular gland. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1998, 86, 476-481.	1.6	27
60	Colour Doppler sonographic analysis of blood-flow velocity in the human facial artery and changes in masseter muscle thickness during low-level static contraction. Archives of Oral Biology, 2001, 46, 1059-1064.	0.8	27
61	Assessment of mandibular buccal and lingual cortical bones in postmenopausal women. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 104, 545-550.	1.6	27
62	Reproducibility of landmark identification in the jaw and teeth on 3-dimensional cone-beam computed tomography images. Angle Orthodontist, 2011, 81, 843-849.	1.1	27
63	Computed tomographic assessment of early changes of the mandible in bisphosphonate-treated patients. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2016, 122, 362-372.	0.2	27
64	Variations of the bony canal in the mandibular ramus using cone-beam computed tomography. Oral Radiology, 2010, 26, 36-40.	0.9	25
65	Customized mold brachytherapy for oral carcinomas through use of high-dose-rate remote afterloading apparatus. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1999, 87, 508-512.	1.6	24
66	Measurement accuracy of reconstructed 2-D images obtained by multi-slice helical computed tomography. Clinical Oral Implants Research, 2004, 15, 570-574.	1.9	24
67	Anatomical considerations for the spread of odontogenic infection originating from the pericoronitis of impacted mandibular third molar: Computed tomographic analyses. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2004, 98, 589-597.	1.6	24
68	An oral rehabilitation robot for massaging the masseter and temporal muscles: a preliminary report. Oral Radiology, 2009, 25, 53-59.	0.9	23
69	Role of intraoral color Doppler sonography in predicting delayed cervical lymph node metastasis in patients with early-stage tongue cancer: a pilot study. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, 246-253.	0.2	22
70	Performance of deep learning models constructed using panoramic radiographs from two hospitals to diagnose fractures of the mandibular condyle. Dentomaxillofacial Radiology, 2021, 50, 20200611.	1.3	22
71	A deep transfer learning approach for the detection and diagnosis of maxillary sinusitis on panoramic radiographs. Odontology / the Society of the Nippon Dental University, 2021, 109, 941-948.	0.9	21
72	Root canal filling materials spread pattern mimicking root fractures in dental CBCT images. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 120, 521-527.	0.2	20

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73	Evaluation of Correspondence of Dental Computed Tomography Imaging to Anatomic Observation of External Root Resorption. Journal of Endodontics, 2009, 35, 1594-1597.	1.4	19
74	Postoperative Assessment of Incisor Dental Implants Using Cone-Beam Computed Tomography. Journal of Oral Implantology, 2010, 36, 377-384.	0.4	19
75	Sonographic elastography for assessing changes in masseter muscle elasticity after low-level static contraction. Oral Radiology, 2013, 29, 140-145.	0.9	19
76	Labial bone assessment surrounding dental implant using cone-beam computed tomography: an in vitro study. Clinical Oral Implants Research, 2012, 23, 970-974.	1.9	18
77	Central squamous cell carcinoma of the mandible. Oral Surgery, Oral Medicine, and Oral Pathology, 1994, 77, 541-548.	0.6	17
78	Intramuscular changes of soft and hard areas after low-level static contraction of the masseter muscle and the correlations with muscle hardness and increase in water content: evaluations with sonographic elastography and magnetic resonance imaging. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2013, 116, 354-361.	0.2	17
79	Can sonographic features be efficacy predictors of robotic massage treatment for masseter and temporal muscle in patients with temporomandibular disorder with myofascial pain?. Cranio - Journal of Craniomandibular Practice, 2016, 34, 13-19.	0.6	17
80	Color doppler sonography of the facial artery in the anterior face. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2002, 93, 195-201.	1.6	16
81	Influence of voxel size and scan field of view on fracture-like artifacts from gutta-percha obturated endodontically treated teeth on cone-beam computed tomography images. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2016, 122, 631-637.	0.2	16
82	Diagnostic analyses of cervical lymph nodes in patients with oral squamous cell carcinoma using CT and US. Oral Radiology, 1991, 7, 1-12.	0.9	15
83	Assessment of Three-dimensional X-ray Images: Reconstruction From Conventional Tomograms, Compact Computerized Tomography Images, and Multislice Helical Computerized Tomography Images. Journal of Oral Implantology, 2005, 31, 234-241.	0.4	15
84	Dimensional Accuracy of a Binder Jet Model Produced From Computerized Tomography Data for Dental Implants. Journal of Oral Implantology, 2006, 32, 273-276.	0.4	15
85	MRI features of mandibular osteomyelitis: practical criteria based on an association with conventional radiography features and clinical classification. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 105, 503-511.	1.6	15
86	Potential clinical application of masseter and temporal muscle massage treatment using an oral rehabilitation robot in temporomandibular disorder patients with myofascial pain. Cranio - Journal of Craniomandibular Practice, 2015, 33, 256-262.	0.6	15
87	Panoramic radiographic features that predict the development of bisphosphonate-related osteonecrosis of the jaw. Oral Radiology, 2018, 34, 151-160.	0.9	15
88	Segmentation of metastatic cervical lymph nodes from CT images of oral cancers using deep-learning technology. Dentomaxillofacial Radiology, 2022, 51, 20210515.	1.3	15
89	Efficacy of Massage Treatment Technique in Masseter Muscle Hardness: Robotic Experimental Approach. Cranio - Journal of Craniomandibular Practice, 2013, 31, 291-299.	0.6	14
90	Imaging artifact and exposure conditions in limited-volume cone-beam computed tomography: comparison between an image intensifier system and a flat panel detector. Oral Radiology, 2006, 22, 69-74.	0.9	13

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91	Magnetic resonance T2-weighted IDEAL water imaging for assessing changes in masseter muscles caused by low-level static contraction. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, 908-916.	1.6	13
92	Joint Photographic Experts Group compression of intraoral radiographs for image transmission on the World Wide Web. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1999, 88, 93-99.	1.6	12
93	Ultrasonography as a tool for evaluating treatment of the masseter muscle in temporomandibular disorder patients with myofascial pain. Oral Radiology, 2006, 22, 52-57.	0.9	12
94	Role of magnetic resonance imaging in diagnosis of bisphosphonate-related osteonecrosis of the jaw. Oral Radiology, 2013, 29, 111-120.	0.9	12
95	Metal Artifacts From Posterior Mandibular Implants as Seen in CBCT. Implant Dentistry, 2013, 22, 151-154.	1.7	12
96	Magnetic resonance imaging in endodontics: a literature review. Oral Radiology, 2018, 34, 10-16.	0.9	12
97	Imaging features of maxillary osteoblastoma and its malignant transformation. Skeletal Radiology, 1994, 23, 509-12.	1.2	11
98	The Role of Objective Plane Angulation on the Mandibular Image Using Cross-Sectional Tomography. Journal of Oral Implantology, 2006, 32, 117-121.	0.4	11
99	Magnetic resonance and sonographic imagings of masticatory muscle myalgia in temporomandibular disorder patients. Japanese Dental Science Review, 2017, 53, 11-17.	2.0	11
100	Detection and classification of unilateral cleft alveolus with and without cleft palate on panoramic radiographs using a deep learning system. Scientific Reports, 2021, 11, 16044.	1.6	11
101	Efficacy of a deep leaning model created with the transfer learning method in detecting sialoliths of the submandibular gland on panoramic radiography. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2022, 133, 238-244.	0.2	11
102	Reproducibility of three-dimensional coordinate systems based on craniofacial landmarks. Angle Orthodontist, 2012, 82, 776-784.	1.1	10
103	Orthodontic tooth movement-activated sensory neurons contribute to enhancing osteoclast activity and tooth movement through sympathetic nervous signalling. European Journal of Orthodontics, 2022, 44, 404-411.	1.1	10
104	General rules for clinical and pathological studies on oral cancer (2nd edition): a synopsis. International Journal of Clinical Oncology, 2021, 26, 623-635.	1.0	10
105	Automatic segmentation of the temporomandibular joint disc on magnetic resonance images using a deep learning technique. Dentomaxillofacial Radiology, 2022, 51, 20210185.	1.3	10
106	Possibility of root canal preparation by Er:YAG laser. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 107, e47-e55.	1.6	9
107	Observation of maxillary sinus septa and bony bridges using dry skulls between Hellman's dental age of IA and IIIC. Okajimas Folia Anatomica Japonica, 2010, 87, 41-47.	1.2	9
108	Computed Tomographic Estimation of Particulate Cancellous Bone and Marrow Weight for Successful Transplant in Unilateral Cleft Lip and Palate Patients. Cleft Palate-Craniofacial Journal, 2017, 54, 327-333.	0.5	9

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109	Performance of deep learning technology for evaluation of positioning quality in periapical radiography of the maxillary canine. Oral Radiology, 2022, 38, 147-154.	0.9	9
110	Three-dimensional display with quantitative analysis in alveolar bone resorption using cone-beam computerized tomography for dental use: a preliminary study. International Journal of Periodontics and Restorative Dentistry, 2006, 26, 607-12.	0.4	9
111	Automatic visualization of the mandibular canal in relation to an impacted mandibular third molar on panoramic radiographs using deep learning segmentation and transfer learning techniques. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2022, 134, 749-757.	0.2	9
112	Reproducibility of maxillofacial landmark identification on three-dimensional cone-beam computed tomography images of patients with mandibular prognathism: Comparative study of a tentative method and traditional cephalometric analysis. Angle Orthodontist, 2014, 84, 966-973.	1.1	8
113	Anatomical considerations for the spread of odontogenic infection originating from the pericoronitis of impacted mandibular third molar: computed tomographic analyses. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2004, 98, 589-97.	1.6	8
114	Computed tomography appearance of marked keratinization of metastatic cervical lymph nodes. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1997, 84, 321-326.	1.6	7
115	Changes in skeletal asymmetry after sagittal split ramus osteotomy for patients with mandibular prognathism: three-dimensional computed tomographic assessment. Oral Radiology, 2007, 23, 10-15.	0.9	7
116	Regional brain activity during jaw clenching with natural teeth and with occlusal splints: a preliminary functional MRI study. Cranio - Journal of Craniomandibular Practice, 2016, 34, 188-194.	0.6	7
117	Factors affecting observer agreement in morphological evaluation of mandibular cortical bone on panoramic radiographs. Oral Radiology, 2017, 33, 117-123.	0.9	7
118	Stage I and II Mobile Tongue Carcinomas Treated by External Radiation and Gold Seed Implantation. Acta Oncológica, 2003, 42, 763-770.	0.8	6
119	Magnetic resonance imaging assessment of tumorous lesions in the floor of the mouth: case reports and review of the literature. Oral Radiology, 2006, 22, 18-26.	0.9	6
120	Reliability of a coordinate system based on anatomical landmarks of the maxillofacial skeleton: an evaluation method for three-dimensional images obtained by cone-beam computed tomography. Oral Radiology, 2009, 25, 37-42.	0.9	6
121	Depression of the maxillary sinus anterior wall and its influence on panoramic radiography appearance. Dentomaxillofacial Radiology, 2017, 46, 20170126.	1.3	6
122	Cone-beam computed tomography classification of the mandibular second molar root morphology and its relationship to panoramic radiographic appearance. Oral Radiology, 2021, 37, 494-501.	0.9	6
123	Influence of X-ray beam angulation in the detection of proximal caries: Interobserver agreement in the CCD system. Oral Radiology, 1999, 15, 27-35.	0.9	5
124	Effects of the vertical projection angle in intraoral radiography on the detection of furcation involvement of the mandibular first molar. Oral Radiology, 2011, 27, 102-107.	0.9	5
125	Multiple calcifications within the parotid gland of patients with Sjögren's syndrome. Oral Science International, 2013, 10, 28-32.	0.3	5
126	Stability of voxel values in cone-beam computed tomography. Oral Radiology, 2014, 30, 147-152.	0.9	5

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127	Relationship between findings of mandibular cortical bone in inferior border and bone mineral densities of lumbar vertebrae in postmenopausal women. Okajimas Folia Anatomica Japonica, 2014, 91, 49-55.	1.2	5
128	Potential clinical application of masseter and temporal muscle massage treatment using an oral rehabilitation robot in temporomandibular disorder patients with myofascial pain. Cranio - Journal of Craniomandibular Practice, 2015, 33, 256-262.	0.6	5
129	Reliability of diagnostic imaging for degenerative diseases with osseous changes in the temporomandibular joint with special emphasis on subchondral cyst. Oral Radiology, 2020, 36, 156-162.	0.9	5
130	Application of Deep Learning in the Identification of Cerebral Hemodynamics Data Obtained from Functional Near-Infrared Spectroscopy: A Preliminary Study of Pre- and Post-Tooth Clenching Assessment. Journal of Clinical Medicine, 2020, 9, 3475.	1.0	5
131	In vitro comparison of subjective image quality of the pana digital intraoral x-ray imaging system and conventional intraoral radiography in caries detection. Oral Radiology, 1998, 14, 75-83.	0.9	4
132	Relationship between the Bone Mineral Density of Mandible by Quantitative Computed Tomography and Lumbar Spine by Dual Energy X-ray Absorptiomery. Journal of Japanese Society of Periodontology, 2004, 46, 202-208.	0.1	4
133	Can Mandibular Depiction Be Improved by Changing the Thickness of Double-Oblique Computed Tomography Images?. Implant Dentistry, 2008, 17, 271-277.	1.7	4
134	CT analyses of the location of the maxillary third molar in relation to panoramic radiographic appearance. Oral Radiology, 2009, 25, 108-117.	0.9	4
135	Comparison of bisecting and parallel intraoral radiography and cone-beam computed tomography for detecting various horizontal angle root fractures. Oral Radiology, 2015, 31, 173-180.	0.9	4
136	Orthodontic tooth separation activates the hypothalamic area in the human brain. International Journal of Oral Science, 2018, 10, 8.	3.6	4
137	Use of tungsten sheet as an alternative for reducing the radiation dose behind the digital imaging plate during intra-oral radiography. Dentomaxillofacial Radiology, 2019, 48, 20180161.	1.3	4
138	CT imaging of chronic osteomyelitis of the mandible. Oral Radiology, 1987, 3, 83-88.	0.9	3
139	Oral and maxillofacial radiology teaching file on the World Wide Web. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1996, 81, 498-502.	1.6	3
140	Postoperative Tomographic Assessment of Veneer Bone Grafting with Implant Placement in the Maxillary Anterior Region. Implant Dentistry, 2005, 14, 301-307.	1.7	3
141	Computed tomographic anatomy of the mandibular first and second molars and their surrounding structures in the spread of odontogenic infection. Oral Radiology, 2009, 25, 99-107.	0.9	3
142	Computer-based videofluorographic analysis of posterior pharyngeal wall movement during swallowing in patients with head-and-neck cancer. Oral Radiology, 2009, 25, 123-128.	0.9	3
143	A preliminary application of intraoral Doppler ultrasound images to deep learning techniques for predicting late cervical lymph node metastasis in early tongue cancers. Oral Science International, 2020, 17, 59-66.	0.3	3
144	Clinical assessment of cemento–osseous dysplasia based on three–dimensional diagnostic imaging: A case report. Australian Endodontic Journal, 2021, 47, 105-112.	0.6	3

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145	SCREENING TEST FOR DYSPHAGIA IN POSTOPERATIVE ORAL CANCER PATIENTS. Japanese Journal of Head and Neck Cancer, 2006, 32, 34-39.	0.0	3
146	Relationship between Bone Mineral Densities of Cervical and Lumbar Vertebrae in Postmenopausal Women. Journal of Hard Tissue Biology, 2014, 23, 239-244.	0.2	3
147	Detection of unilateral and bilateral cleft alveolus on panoramic radiographs using a deep-learning system. Dentomaxillofacial Radiology, 2023, 52, 20210436.	1.3	3
148	Use of palatal augmentation prostheses to maintain speech and swallowing function in patients with amyotrophic lateral sclerosis. Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology, 2012, 24, 119-123.	0.2	2
149	Depiction of the parotid duct on axial CT images. Oral Radiology, 2013, 29, 19-26.	0.9	2
150	Image Analysis of Lateral Alveolar Ridge Augmentation using Periosteal Distraction Osteogenesis. Journal of Hard Tissue Biology, 2014, 23, 125-130.	0.2	2
151	Observation of maxillary incisive canal using dry skulls between Hellman’s dental age IA and IIIC. Okajimas Folia Anatomica Japonica, 2015, 92, 37-42.	1.2	2
152	Quantification of voxel values in micro computed tomography using multiple porosity hydroxyapatite blocks. Okajimas Folia Anatomica Japonica, 2018, 95, 9-13.	1.2	2
153	Study on regional activities in the human brain caused by low‐level clenching and tooth separation: Investigation with functional magnetic resonance imaging. Oral Science International, 2019, 16, 87-94.	0.3	2
154	Automatic measurement of mandibular cortical bone width on cone-beam computed tomography images. Oral Radiology, 2021, 37, 412-420.	0.9	2
155	Computed tomographic features of synovial chondromatosis of the temporomandibular joint with a few small calcified loose bodies. Oral Radiology, 2021, 37, 236-244.	0.9	2
156	Effects of 1 year of training on the performance of ultrasonographic image interpretation: A preliminary evaluation using images of SjÃ¶gren syndrome patients. Imaging Science in Dentistry, 2021, 51, 129.	0.6	2
157	Tooth recognition and classification using multi-task learning and post-processing in dental panoramic radiographs. , 2021, , .		2
158	Preliminary Study on the Diagnostic Performance of a Deep Learning System for Submandibular Gland Inflammation Using Ultrasonography Images. Journal of Clinical Medicine, 2021, 10, 4508.	1.0	2
159	Tooth numbering in cone-beam CT using a relation network for automatic filing of dentition charts. , 2020, , .		2
160	Cone-beam computed tomography images of phantoms with simulating trabecular bone structure fabricated using micro-stereolithography. Okajimas Folia Anatomica Japonica, 2012, 89, 27-33.	1.2	2
161	Image Diagnosis of Cervical Lymph Nodes: Detectability of Metastatic Nodes Using CT.. Journal of Japanese Society of Oral Oncology, 1990, 2, 125-132.	0.0	2
162	A study on contrast discrimination of CT images. Oral Radiology, 1993, 9, 9-16.	0.9	1

#	Article	IF	Citations
163	Ultrasonographic Evaluation and Differentiation of Tumorous Lesions in the Floor of the Mouth:. Oral Science International, 2006, 3, 35-44.	0.3	1
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