Francisco Haiter Neto

List of Publications by Citations

Source: https://exaly.com/author-pdf/5081880/francisco-haiter-neto-publications-by-citations.pdf
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197 papers	2,801 citations	30 h-index	40 g-index
216 ext. papers	3,263 ext. citations	2.7 avg, IF	5.25 L-index

#	Paper	IF	Citations
197	Variable-resolution cone-beam computerized tomography with enhancement filtration compared with intraoral photostimulable phosphor radiography in detection of transverse root fractures in an in vitro model. *Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics*, **2009**, 108, 939-45		91
196	Evaluation of root canal configuration of maxillary molars in a Brazilian population using cone-beam computed tomographic imaging: an in vivo study. *Journal of Endodontics*, **2014**, 40, 173-6	4.7	82
195	Diagnostic accuracy of cone beam computed tomography scans compared with intraoral image modalities for detection of caries lesions. *Dentomaxillofacial Radiology*, **2008**, 37, 18-22	3.9	76
194	Evaluation of root canal configuration of mandibular molars in a Brazilian population by using cone-beam computed tomography: an in vivo study. *Journal of Endodontics*, **2013**, 39, 849-52	4.7	69
193	Radiodensity and hardness of enamel and dentin of human and bovine teeth, varying bovine teeth age. *Archives of Oral Biology*, **2008**, 53, 1023-9	2.8	67
192	Optimization of dental CBCT exposures through mAs reduction. *Dentomaxillofacial Radiology*, **2015** , 44, 20150108	3.9	53
191	Artefact expression associated with several cone-beam computed tomographic machines when imaging root filled teeth. *International Endodontic Journal*, **2015**, 48, 994-1000	5.4	52
190	Correlation of panoramic radiography and cone beam CT findings in the assessment of the relationship between impacted mandibular third molars and the mandibular canal. *Dentomaxillofacial Radiology*, **2012**, 41, 553-7	3.9	48
189	Influence of spatial resolution and bit depth on detection of small caries lesions with digital receptors. *Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics*, **2007**, 103, 418-22		48
188	Radiodensity of enamel and dentin of human, bovine and swine teeth. *Archives of Oral Biology*, **2004**, 49, 919-22	2.8	48
187	The relationship between temporomandibular dysfunction and head and cervical posture. *Journal of Applied Oral Science*, **2009**, 17, 204-8	3.3	46
186	Disk position and the bilaminar zone of the temporomandibular joint in asymptomatic young individuals by magnetic resonance imaging. *Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics*, **2002**, 94, 372-8		46
185	External root resorption of the second molar associated with third molar impaction: comparison of panoramic radiography and cone beam computed tomography. *Journal of Oral and Maxillofacial Surgery*, **2014**, 72, 1444-55	1.8	44
184	Detection of periimplant fenestration and dehiscence with the use of two scan modes and the smallest voxel sizes of a cone-beam computed tomography device. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2013**, 115, 121-7	2	44
183	Quantitative evaluation of metal artifacts using different CBCT devices, high-density materials and field of views. *Clinical Oral Implants Research*, **2017**, 28, 1509-1514	4.8	42
182	Mesial inclination of impacted third molars and its propensity to stimulate external root resorption in second molars--a cone-beam computed tomographic evaluation. *Journal of Oral and Maxillofacial Surgery*, **2015**, 73, 379-86	1.8	40
181	Efficacy of a cone beam computed tomography metal artifact reduction algorithm for the detection of peri-implant fenestrations and dehiscences. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2016**, 121, 550-6	2	40

180	Smoking may affect the alveolar process dimensions and radiographic bone density in maxillary extraction sites: a prospective study in humans. *Journal of Oral and Maxillofacial Surgery*, **2006**, 64, 1359-65	1.8	39
179	Detection of non-cavitated approximal caries lesions in digital images from seven solid-state receptors with particular focus on task-specific enhancement filters. An ex vivo study in human teeth. *Clinical Oral Investigations*, **2008**, 12, 217-23	4.2	38
178	Dental maturity as an indicator of chronological age: radiographic assessment of dental age in a Brazilian population. *Journal of Applied Oral Science*, **2007**, 15, 99-104	3.3	37
177	4% articaine buccal infiltration versus 2% lidocaine inferior alveolar nerve block for emergency root canal treatment in mandibular molars with irreversible pulpits: a randomized clinical study. *International Endodontic Journal*, **2015**, 48, 145-52	5.4	35
176	Evaluation of metal artefact reduction in cone-beam computed tomography images of different dental materials. *Clinical Oral Investigations*, **2018**, 22, 419-423	4.2	34
175	Relationship between bone mineral density and trabecular bone pattern in postmenopausal osteoporotic Brazilian women. *Clinical Oral Investigations*, **2013**, 17, 1847-53	4.2	34
174	Evaluation of reconstructed images with different voxel sizes of acquisition in the diagnosis of simulated external root resorption using cone beam computed tomography. *International Endodontic Journal*, **2012**, 45, 234-9	5.4	33
173	Radiodensity of base, liner and luting dental materials. *Clinical Oral Investigations*, **2006**, 10, 114-8	4.2	33
172	Effect of monitor display on detection of approximal caries lesions in digital radiographs. *Dentomaxillofacial Radiology*, **2009**, 38, 537-41	3.9	32
171	Influence of Endodontic Treatment and Coronal Restoration on Status of Periapical Tissues: A Cone-beam Computed Tomographic Study. *Journal of Endodontics*, **2015**, 41, 1614-8	4.7	31
170	Comparison of digital systems and conventional dental film for the detection of approximal enamel caries. *Dentomaxillofacial Radiology*, **2010**, 39, 431-6	3.9	31
169	Task-specific enhancement filters in storage phosphor images from the Vistascan system for detection of proximal caries lesions of known size. *Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics*, **2009**, 107, 116-21		31
168	New formula to objectively evaluate skeletal maturation using lateral cephalometric radiographs. *Brazilian Oral Research*, **2007**, 21, 330-5	2.6	30
167	Influence of cone-beam computed tomography enhancement filters on diagnosis of simulated external root resorption. *Journal of Endodontics*, **2012**, 38, 305-8	4.7	29
166	Diagnostic Accuracy of Periapical Radiography and Cone-beam Computed Tomography in Identifying Root Canal Configuration of Human Premolars. *Journal of Endodontics*, **2017**, 43, 1176-1179	4.7	28
165	Comparative diagnostic yield of cone beam CT reconstruction using various software programs on the detection of vertical root fractures. *Dentomaxillofacial Radiology*, **2013**, 42, 20120459	3.9	28
164	Influence of exposure factors on the variability of CBCT voxel values: a phantom study. *Dentomaxillofacial Radiology*, **2014**, 43, 20140128	3.9	26
163	Comparative evaluation among different materials to replace soft tissue in oral radiology studies. *Journal of Applied Oral Science*, **2010**, 18, 264-7	3.3	26

162	Mandibular sexual dimorphism analysis in CBCT scans. *Journal of Clinical Forensic and Legal Medicine* , **2016**, 38, 106-10	1.7	25
161	Radiopacity of esthetic restorative materials compared with human tooth structure. *American Journal of Dentistry*, **2001**, 14, 383-6	1.3	24
160	Evaluation of the efficacy of a metal artifact reduction algorithm in different cone beam computed tomography scanning parameters. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2017**, 123, 729-734	2	23
159	Performance of digital radiography with enhancement filters for the diagnosis of proximal caries. *Brazilian Oral Research*, **2013**, 27, 245-51	2.6	23
158	Skeletal age assessment: a comparison of 3 methods. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2006**, 130, 435.e15-20	2.1	23
157	The performance of metal artifact reduction algorithms in cone beam computed tomography images considering the effects of materials, metal positions, and fields of view. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2019**, 127, 71-76	2	23
156	The prevalence of bifid mandibular condyle detected in a Brazilian population. *Dentomaxillofacial Radiology*, **2008**, 37, 220-3	3.9	22
155	Assessment of enamel demineralization using conventional, digital, and digitized radiography. *Brazilian Oral Research*, **2006**, 20, 114-9	2.6	22
154	Metallic materials in the exomass impair cone´beam CT voxel values. *Dentomaxillofacial Radiology*, **2018**, 47, 20180011	3.9	21
153	Computational analysis for GNAQ mutations: New insights on the molecular etiology of Sturge-Weber syndrome. *Journal of Molecular Graphics and Modelling*, **2017**, 76, 429-440	2.8	21
152	Tonsillolith--report of an unusual case. *British Dental Journal*, **2007**, 202, 265-7	1.2	21
151	Analysis of digital images acquired using different phosphor storage plates (PSPs) subjected to varying reading times and storage conditions. *Dentomaxillofacial Radiology*, **2003**, 32, 186-90	3.9	20
150	Risk assessment of inferior alveolar neurovascular bundle by multidetector computed tomography in extractions of third molars. *Surgical and Radiologic Anatomy*, **2012**, 34, 619-24	1.4	19
149	Detection of vertical root fractures by cone-beam computerized tomography in endodontically treated teeth with fiber-resin and titanium posts: an in vitro study. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2013**, 115, e49-57	2	19
148	Utility of panoramic radiography for identification of the pubertal growth period. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2016**, 149, 509-15	2.1	18
147	Development and validation of a formula based on maxillary sinus measurements as a tool for sex estimation: a cone beam computed tomography study. *International Journal of Legal Medicine*, **2019** , 133, 1241-1249	3.1	18
146	Assessment of panoramic radiomorphometric indices of the mandible in a brazilian population. *ISRN Rheumatology*, **2011**, 2011, 854287		18
145	Assessing pulp stones by cone-beam computed tomography. *Clinical Oral Investigations*, **2017**, 21, 2327-2333	4.3	17

144	Influence of scan mode (180°/360°) of the cone beam computed tomography for preoperative dental implant measurements. *Clinical Oral Implants Research*, **2014**, 25, e155-8	4.8	17
143	Effect of varying displays and room illuminance on caries diagnostic accuracy in digital dental radiographs. *Caries Research*, **2012**, 46, 568-74	4.2	17
142	What happens if you delay scanning Digora phosphor storage plates (PSPs) for up to 4 hours?. *Dentomaxillofacial Radiology*, **2006**, 35, 143-6	3.9	17
141	Comparison of hard tissue density changes around implants assessed in digitized conventional radiographs and subtraction images. *Clinical Oral Implants Research*, **2006**, 17, 560-4	4.8	17
140	The effect of a hydroxyapatite impregnated PCL membrane in rat subcritical calvarial bone defects. *Archives of Oral Biology*, **2017**, 82, 209-215	2.8	16
139	Efficacy and Safety of Botulinum Toxin Type A on Persistent Myofascial Pain: A Randomized Clinical Trial. *Toxins*, **2020**, 12,	4.9	16
138	Diagnosis of invasive cervical resorption by using cone beam computed tomography: report of two cases. *Brazilian Dental Journal*, **2012**, 23, 602-7	1.9	16
137	Computer-assisted analysis of cervical vertebral bone age using cephalometric radiographs in Brazilian subjects. *Brazilian Oral Research*, **2010**, 24, 120-6	2.6	16
136	In vitro comparison of cone beam computed tomography with different voxel sizes for detection of simulated external root resorption. *Journal of Oral Science*, **2012**, 54, 219-25	1.5	16
135	In vitro analysis of the radiodensity of indirect composites and ceramic inlay systems and its influence on the detection of cement overhangs. *Clinical Oral Investigations*, **2007**, 11, 331-6	4.2	15
134	A comparison of older and newer versions of intraoral digital radiography systems: diagnosing noncavitated proximal carious lesions. *Journal of the American Dental Association*, **2007**, 138, 1353-9; quiz 1382-3	1.9	15
133	Zoom Reconstruction Tool: Evaluation of Image Quality and Influence on the Diagnosis of Root Fracture. *Journal of Endodontics*, **2018**, 44, 621-625	4.7	14
132	Influence of cone beam CT enhancement filters on diagnosis ability of longitudinal root fractures. *Dentomaxillofacial Radiology*, **2014**, 43, 20130374	3.9	14
131	Relationship of craniofacial morphology in 3-dimensional analysis of the pharynx. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2016**, 149, 683-691.e1	2.1	14
130	Are metal artefact reduction algorithms effective to correct cone beam CT artefacts arising from the exomass?. *Dentomaxillofacial Radiology*, **2019**, 48, 20180290	3.9	14
129	Influence of brightness and contrast adjustments on the diagnosis of proximal caries lesions. *Dentomaxillofacial Radiology*, **2018**, 47, 20180100	3.9	13
128	Enhancement cone beam computed tomography filters improve in vitro periimplant dehiscence detection. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2013**, 116, 633-9	2	13
127	Influence of cone-beam computed tomography image artifacts on the determination of dental arch measurements. *Angle Orthodontist*, **2014**, 84, 274-8	2.6	13

126	Performance of a photostimulable storage phosphor digital system with or without the sharpen filter and cone beam CT for detecting approximal enamel subsurface demineralization. *Dentomaxillofacial Radiology*, **2013**, 42, 20120313	3.9	13
125	Risk factors for a false positive test outcome in diagnosis of caries in approximal surfaces: impact of radiographic modality and observer characteristics. *Caries Research*, **2007**, 41, 170-6	4.2	13
124	Comparison of peri-implant bone level assessment in digitized conventional radiographs and digital subtraction images. *Dentomaxillofacial Radiology*, **2006**, 35, 258-62	3.9	13
123	Evaluation of pharyngeal space and its correlation with mandible and hyoid bone in patients with different skeletal classes and facial types. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2018**, 153, 825-833	2.1	13
122	Accuracy of enhancement filters in measuring in vitro peri-implant bone level. *Clinical Oral Implants Research*, **2013**, 24, 1074-7	4.8	12
121	In vitro induction of enamel subsurface demineralization for evaluation of diagnostic imaging methods. *Journal of Applied Oral Science*, **2007**, 15, 392-8	3.3	12
120	Linear and logarithmic subtraction for detecting enamel subsurface demineralization. *Dentomaxillofacial Radiology*, **2005**, 34, 133-9	3.9	12
119	Feasibility of Cone-beam Computed Tomography in Detecting Lateral Canals before and after Root Canal Treatment: An Ex Vivo Study. *Journal of Endodontics*, **2017**, 43, 1014-1017	4.7	11
118	Impact of cone-beam computed tomography scan mode on the diagnostic yield of chemically simulated external root resorption. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2017**, 151, 1073-1082	2.1	11
117	Juxta-apical radiolucency: relation to the mandibular canal and cortical plates based on cone beam CT imaging. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2017**, 123, 401-407	2	11
116	Comparison of cone beam computed tomography and digital intraoral radiography performance in the detection of artificially induced recurrent caries-like lesions. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2017**, 124, 306-314	2	10
115	Distribution of metal artifacts arising from the exomass in small field-of-view cone beam computed tomography scans. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2020**, 130, 116-125	2	10
114	Stress Distribution in Human Zygomatic Pillar Using Three-Dimensional Finite Element Analysis. *International Journal of Morphology*, **2013**, 31, 1386-1392	0.5	10
113	Radiodensity evaluation of dental impression materials in comparison to tooth structures. *Journal of Applied Oral Science*, **2010**, 18, 467-76	3.3	10
112	Use of cervical vertebral dimensions for assessment of children growth. *Journal of Applied Oral Science*, **2007**, 15, 144-7	3.3	10
111	Kartagener syndrome. *Dentomaxillofacial Radiology*, **2006**, 35, 386-9	3.9	10
110	Comparison of TW2 and TW3 skeletal age differences in a Brazilian population. *Journal of Applied Oral Science*, **2006**, 14, 142-6	3.3	10
109	Ex Vivo Detection of Apical Delta in Premolars: A Comparative Study Using Periapical Radiography, Cone-beam Computed Tomography, and Micro-computed Tomography. *Journal of Endodontics*, **2019**, 45, 549-553	4.7	9

108	Efficacy of lead foil for reducing doses in the head and neck: a simulation study using digital intraoral systems. *Dentomaxillofacial Radiology*, **2015**, 44, 20150065	3.9	9
107	Comparison of panoramic radiography and cone beam CT in the assessment of juxta-apical radiolucency. *Dentomaxillofacial Radiology*, **2018**, 47, 20170198	3.9	9
106	Accuracy in the Diagnosis of the Mental Nerve Loop. A Comparative Study Between Panoramic Radiography and Cone Beam Computed Tomography. *International Journal of Morphology*, **2015**, 33, 327-332	0.5	9
105	Effect of low shrinkage monomers on physicochemical properties of dental resin composites. *Brazilian Dental Journal*, **2015**, 26, 272-6	1.9	9
104	Efficacy of several digital radiographic imaging systems for laboratory determination of endodontic file length. *International Endodontic Journal*, **2011**, 44, 469-73	5.4	9
103	Noise in subtraction images made from pairs of bitewing radiographs: a comparison between two subtraction programs. *Dentomaxillofacial Radiology*, **2005**, 34, 357-61	3.9	9
102	Smoking cessation may present a positive impact on mandibular bone quality and periodontitis-related bone loss: a study in rats. *Journal of Periodontology*, **2005**, 76, 520-5	4.6	9
101	Panoramic radiography as an auxiliary in detecting patients at risk for cerebrovascular accident (CVA): a case report. *Journal of Oral Science*, **2003**, 45, 177-80	1.5	9
100	Radiopacity of calcium hydroxide cement compared with human tooth structure. *Journal of Applied Oral Science*, **2004**, 12, 290-3	3.3	9
99	Evaluation of root canal configuration of maxillary and mandibular anterior teeth using cone beam computed tomography: An in-vivo study. *Quintessence International*, **2016**, 47, 19-24	2	9
98	Breast Adenocarcinoma Mimicking Temporomandibular Disorders: A Case Report. *Journal of Contemporary Dental Practice*, **2008**, 9, 100-106	0.7	9
97	Can a high-density dental material affect the automatic exposure compensation of digital radiographic images?. *Dentomaxillofacial Radiology*, **2019**, 48, 20180331	3.9	9
96	Influence of Artifact Reduction Tools in Micro-computed Tomography Images for Endodontic Research. *Journal of Endodontics*, **2017**, 43, 2108-2111	4.7	8
95	Influence of the incorporation of a lead foil to intraoral digital receptors on the image quality and root fracture diagnosis. *Dentomaxillofacial Radiology*, **2019**, 48, 20180369	3.9	8
94	Assessment of Volume and Height of the Coronoid Process in Patients With Different Facial Types and Skeletal Classes: A Cone-Beam Computed Tomography Study. *Journal of Oral and Maxillofacial Surgery*, **2015**, 73, 1395.e1-5	1.8	8
93	Brazilian young dental practitionersPuse and acceptance of digital radiographic examinations. *Imaging Science in Dentistry*, **2016**, 46, 239-244	2.2	8
92	Evaluation of metal artefacts for two CBCT devices with a new dental arch phantom. *Dentomaxillofacial Radiology*, **2020**, 49, 20190385	3.9	7
91	The influence of number of line pairs in digital intra-oral radiography on the detection accuracy of horizontal root fractures. *Dental Traumatology*, **2016**, 32, 180-4	4.5	7

90	Comparison of transcranial radiograph and magnetic resonance imaging in the evaluation of mandibular condyle position. *Dentomaxillofacial Radiology*, **2008**, 37, 293-9	3.9	7
89	Interexaminer agreement in caries radiographic diagnosis by conventional and digital radiographs. *Journal of Applied Oral Science*, **2005**, 13, 329-33	3.3	7
88	Artificial intelligence for detection of periapical lesions on intraoral radiographs: Comparison between convolutional neural networks and human observers. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2021**, 131, 610-616	2	7
87	Influence of VistaScan image enhancement filters on diagnosis of simulated periapical lesions on intraoral radiographs. *Dentomaxillofacial Radiology*, **2019**, 48, 20180146	3.9	7
86	Impact of movement and motion-artefact correction on image quality and interpretability in CBCT units with aligned and lateral-offset detectors. *Dentomaxillofacial Radiology*, **2020**, 49, 20190240	3.9	7
85	Influence of Tooth Orientation on the Detection of Vertical Root Fracture in Cone-beam Computed Tomography. *Journal of Endodontics*, **2018**, 44, 1168-1172	4.7	7
84	Evaluation of volume of the sphenoid sinus according to sex, facial type, skeletal class, and presence of a septum: a cone-beam computed tomographic study. *British Journal of Oral and Maxillofacial Surgery*, **2019**, 57, 336-340	1.4	6
83	Influence of windowing and metal artefact reduction algorithms on the volumetric dimensions of five different high-density materials: a cone-beam CT study. *Dentomaxillofacial Radiology*, **2020**, 49, 20200039	3.9	6
82	Performance of 5 different displays in the detection of artificial incipient and recurrent caries-like lesions. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2018**, 125, 182-191	2	6
81	Juxta-Apical Radiolucency: Prevalence, Characterization, and Association With the Third Molar Status. *Journal of Oral and Maxillofacial Surgery*, **2018**, 76, 716-724	1.8	6
80	Usefulness of cone-beam CT in the evaluation of a spontaneously healed root fracture case. *Dental Traumatology*, **2013**, 29, 489-93	4.5	6
79	Influence of different setups of the Frankfort horizontal plane on 3-dimensional cephalometric measurements. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2017**, 152, 242-249	2.1	6
78	Feasibility of micro-computed tomography to detect and classify proximal caries lesions in vitro. *Dental Research Journal*, **2018**, 15, 123	0.8	6
77	Impact of micronutrients supplementation on bone repair around implants: microCT and counter-torque analysis in rats. *Journal of Applied Oral Science*, **2016**, 24, 45-51	3.3	6
76	A Wormian Bone, Mimicking an Entry Gunshot Wound of the Skull, in an Anthropological Specimen. *Journal of Forensic Sciences*, **2016**, 61, 855-857	1.8	6
75	Image quality optimization using a narrow vertical detector dental cone-beam CT. *Dentomaxillofacial Radiology*, **2019**, 48, 20180357	3.9	6
74	Is the digital radiographic detection of approximal caries lesions influenced by viewing conditions?. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2020**, 129, 165-170	2	6
73	Accuracy of the vertical tube shift method in identifying the relationship between the third molars and the mandibular canal. *Clinical Oral Investigations*, **2015**, 19, 583-8	4.2	5

72	Evaluation of the zygomatic bone by cone beam computed tomography. *Surgical and Radiologic Anatomy*, **2015**, 37, 55-60	1.4	5
71	Effect of delayed scanning on imaging and on the diagnostic accuracy of vertical root fractures in two photostimulable phosphor plates digital systems. *International Endodontic Journal*, **2016**, 49, 973-9	5.4	5
70	Analysis of sexual dimorphism by locating the mandibular canal in images of cone-beam computed tomography. *Journal of Forensic Radiology and Imaging*, **2014**, 2, 72-76	1.3	5
69	A methodology to measure cervical vertebral bone maturation in a sample from low-income children. *Brazilian Dental Journal*, **2013**, 24, 30-4	1.9	5
68	Morphological Description of Mandibular Canal in Panoramic Radiographs of Brazilian Subjects: Association Between Anatomic Characteristic and Clinical Procedures. *International Journal of Morphology*, **2009**, 27,	0.5	5
67	Accuracy of ITK-SNAP software for 3D analysis of a non-regular topography structure. *Oral Radiology*, **2020**, 36, 183-189	2.5	5
66	Influence of basis images and skull position on evaluation of cortical bone thickness in cone beam computed tomography. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2017**, 123, 707-713	2	4
65	Evaluation of different soft tissue-simulating materials in pixel intensity values in cone beam computed tomography. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2019**, 127, e102-e107	2	4
64	Image quality optimization of narrow detector dental computed tomography for paediatric patients. *Dentomaxillofacial Radiology*, **2019**, 48, 20190032	3.9	4
63	Comparison of automatic and visual methods used for image segmentation in Endodontics: a microCT study. *Journal of Applied Oral Science*, **2017**, 25, 674-679	3.3	4
62	Resorptive potential of impacted mandibular third molars: 3D simulation by finite element analysis. *Clinical Oral Investigations*, **2018**, 22, 3195-3203	4.2	4
61	Morphometric study of mandibular ramus related to sagittal ramus split osteotomy and osteosynthesis. *Journal of Craniofacial Surgery*, **2012**, 23, 1484-7	1.2	4
60	Relationship between the inclination of the coronoid process of the mandible and the electromyographic activity of the temporal muscle in skeletal Class I and II individuals. *Journal of Oral Science*, **2008**, 50, 293-9	1.5	4
59	Automatic exposure compensation and subjective image enhancement in the radiographic diagnosis of caries. *Brazilian Oral Research*, **2020**, 34, e082	2.6	4
58	Feasibility of micro-computed tomography to detect and classify proximal caries lesions. *Dental Research Journal*, **2018**, 15, 123-129	0.8	4
57	Influence of reconstruction parameters of micro-computed tomography on the analysis of bone mineral density. *Imaging Science in Dentistry*, **2020**, 50, 153-159	2.2	4
56	A quantitative analysis of metal artifact reduction algorithm performance in volume correction with 3 CBCT devices. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2020**, 130, 328-335	2	4
55	CBCT Post-Processing Tools to Manage the Progression of Invasive Cervical Resorption: A Case Report. *Brazilian Dental Journal*, **2016**, 27, 476-80	1.9	4

54	Influence of interpretation conditions on the subjective differentiation of radiographic contrast of images obtained with a digital intraoral system. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2019**, 127, 444-450	2	3
53	ALVEOLAR BONE PATTERN AND SALIVARY LEPTIN LEVELS AMONG PREMENOPAUSAL OBESE WOMEN. *Arquivos Brasileiros De Cirurgia Digestiva: ABCD = Brazilian Archives of Digestive Surgery*, **2019**, 32, e1422	1.7	3
52	Does the addition of a lead foil to digital radiographic receptors influence image contrast and approximal caries lesions diagnosis?. *Dentomaxillofacial Radiology*, **2020**, 49, 20190384	3.9	3
51	Influence of phosphor plate-based radiographic image specifications on fractal analysis of alveolar bone. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2019**, 128, 418-423	2	3
50	Automatic repositioning of jaw segments for three-dimensional virtual treatment planning of orthognathic surgery. *Journal of Cranio-Maxillo-Facial Surgery*, **2017**, 45, 1399-1407	3.6	3
49	Biomechanics of the Human Canine Pillar Based on its Geometry Using Finite Element Analysis. *International Journal of Morphology*, **2014**, 32, 214-220	0.5	3
48	Relationship between orofacial function, dentofacial morphology, and bite force in young subjects. *Oral Diseases*, **2014**, 20, 567-73	3.5	3
47	Effects of aluminum-copper alloy filtration on photon spectra, air kerma rate and image contrast. *Brazilian Dental Journal*, **2004**, 15, 214-9	1.9	3
46	Evaluation of TMJ by conventional transcranial radiography and indirect digitized images to determine condylar position in primary dentition. *Journal of Clinical Pediatric Dentistry*, **2004**, 28, 233-7	1.6	3
45	Estudo comparativo dos m□odos de estimativa da idade □sea de Greulich & Pyle e Tanner & Whitehouse. *Pesquisa Odontologica Brasileira = Brazilian Oral Research*, **2000**, 14, 378-384		3
44	Effect of resveratrol on the progression of experimental periodontitis in an ovariectomized rat model of osteoporosis: Morphometric, immune-enzymatic, and gene expression analysis. *Journal of Periodontal Research*, **2020**, 55, 840-849	4.3	3
43	Influence of the exomass on the detection of simulated root fracture in cone-beam CT - an study. *Dentomaxillofacial Radiology*, **2021**, 50, 20200450	3.9	3
42	Correlation between temporomandibular joint temporal component pneumatization and morphology: analysis by cone beam computed tomography. *International Journal of Oral and Maxillofacial Surgery*, **2019**, 48, 779-786	2.9	3
41	Radiologic assessment of mandibular third molars: an ex vivo comparative study of panoramic radiography, extraoral bitewing radiography, and cone beam computed tomography. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2019**, 128, 166-175	2	3
40	Cone beam CT optimisation for detection of vertical root fracture with metal in the field of view or the exomass. *Scientific Reports*, **2021**, 11, 19155	4.9	3
39	Assessment of three methods of geometric image reconstruction for digital subtraction radiography. *Dentomaxillofacial Radiology*, **2016**, 45, 20160120	3.9	2
38	Beam hardening correction tool improves the diagnosis of incipient caries lesions in Micro-CT images. *Dentomaxillofacial Radiology*, **2019**, 48, 20180123	3.9	2
37	Volumetric assessment of the dental crown for sex estimation by means of cone-beam computed tomography. *Forensic Science International*, **2019**, 303, 109920	2.6	2

36	Magnetic resonance imaging findings of true bifid mandibular condyle with duplicated mandibular fossa. *Clinical Anatomy*, **2012**, 25, 650-5	2.5	2
35	Effects of developer depletion on image quality of Kodak Insight and Ektaspeed Plus films. *Dentomaxillofacial Radiology*, **2004**, 33, 108-13	3.9	2
34	Magnetic resonance imaging of the temporomandibular joint acquired using different parameters. *Journal of Morphological Sciences*, **2014**, 31, 103-109	0.1	2
33	Influence of the file format and transmission app on the radiographic diagnosis of caries lesions. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2021**, 132, 448-455	2	2
32	The influence of different scan resolutions on the detection of proximal caries lesions. *Imaging Science in Dentistry*, **2019**, 49, 97-102	2.2	2
31	Artifact expression of polylactic acid/hydroxyapatite/graphene oxide nanocomposite in CBCT: a promising dental material. *Clinical Oral Investigations*, **2020**, 24, 1695-1700	4.2	2
30	Quantitative assessment of variation in CBCT image technical parameters related to CBCT detector lateral-offset position. *Dentomaxillofacial Radiology*, **2020**, 49, 20190077	3.9	2
29	Evaluation of the morphology of the genial tubercle using cone-beam computed tomography. *British Journal of Oral and Maxillofacial Surgery*, **2018**, 56, 155-156	1.4	2
28	Cone beam computed tomography-based cephalometric norms for Brazilian adults. *International Journal of Oral and Maxillofacial Surgery*, **2018**, 47, 64-71	2.9	2
27	Analysis of the deterioration of photostimulable phosphor plates. *Dentomaxillofacial Radiology*, **2020**, 49, 20190500	3.9	1
26	Cone-Beam Computed Tomography-Based Three-Dimensional McNamara Cephalometric Analysis. *Journal of Craniofacial Surgery*, **2018**, 29, 895-899	1.2	1
25	Assessment of the mandibular cortical height in patients of different sexes, skeletal classes, and facial types using cone-beam computed tomography. *British Journal of Oral and Maxillofacial Surgery*, **2018**, 56, 772-773	1.4	1
24	Effect of micro-computed tomography reconstruction protocols on bone fractal dimension analysis. *Dentomaxillofacial Radiology*, **2019**, 48, 20190235	3.9	1
23	A large destructive aneurysmal bone cyst in the mandibular ramus with unusual involvement of the mandibular condyle and coronoid process. *Oral Surgery*, **2014**, 7, 87-92	0.6	1
22	Multiple radiographic projections in diagnosis of uncommon unerupted tooth. *Dentomaxillofacial Radiology*, **2006**, 35, 65-6	3.9	1
21	Sensitometric comparisons of Insight and Ektaspeed Plus films: effects of chemical developer depletion. *Brazilian Dental Journal*, **2006**, 17, 149-54	1.9	1
20	An□lise comparativa da maturaõ □sea determinada pelo m□odo de Grave-Brown entre imagens convencionais e digitalizadas. *Revista Dental Press De Ortodontia E Ortopedia Facial*, **2006**, 11, 104-109		1
19	Characteristics of radiographic images acquired with CdTe, CCD and CMOS detectors in skull radiography. *Imaging Science in Dentistry*, **2020**, 50, 339-346	2.2	1

18	Objective assessment of the combined effect of exomass-related- and motion artefacts in cone beam CT. *Dentomaxillofacial Radiology*, **2021**, 50, 20200255	3.9	1
17	Effect of different exposure times on caries detection and pixel value in a wireless digital system. *Indian Journal of Dental Research*, **2019**, 30, 665-669	0.8	1
16	Soft tissue thickness in Brazilian adults of different skeletal classes and facial types: A cone beam CT - Study. *Legal Medicine*, **2020**, 47, 101743	1.9	1
15	Development and validation of two new image receptor-holding devices for overlapping reduction of proximal surfaces in bitewing radiography: a preclinical study. *Dentomaxillofacial Radiology*, **2021** , 50, 20200449	3.9	1
14	Distortion or magnification? An cone-beam CT study of dimensional changes of objects with different compositions. *Dentomaxillofacial Radiology*, **2021**, 50, 20210063	3.9	1
13	Does dose optimisation in digital panoramic radiography affect diagnostic performance?. *Clinical Oral Investigations*, **2021**, 25, 637-643	4.2	1
12	Influence of the image file format of digital periapical radiographs on the diagnosis of external and internal root resorptions. *Clinical Oral Investigations*, **2021**, 25, 4941-4948	4.2	1
11	Mental Foramen and Anterior Loop Anatomic Characteristics: A Systematic Review and Meta-analysis of Cross-sectional Imaging Studies. *Journal of Endodontics*, **2021**, 47, 1829-1843.e1	4.7	1
10	Influence of voxel size on cone beam computed tomography artifacts arising from the exomass. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2021**, 132, 456-464	2	1
9	Impact of micro-computed tomography reconstruction protocols on bone microarchitecture analysis. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2019**, 128, 411-417	2	0
8	Revisiting dynamic range and image enhancement ability of contemporary digital radiographic systems. *Dentomaxillofacial Radiology*, **2021**, 20210404	3.9	0
7	Effect of Different Tube Potential Settings on Caries Detection using PSP Plate and Conventional Film. *Journal of Clinical and Diagnostic Research JCDR*, **2015**, 9, ZC58-61	0	0
6	In vitro comparison of dental implant site preparation with ultrasonic system and conventional rotatory system. *Oral Surgery*, **2020**, 13, 108-116	0.6	0
5	Influence of Voxel Size and Filter Application in Detecting Second Mesiobuccal Canals in Cone-beam Computed Tomographic Images. *Journal of Endodontics*, **2021**, 47, 1391-1397	4.7	0
4	Comparison of the expression of the volumetric alteration artifact in cylindrical and triangular fields of view in two cone-beam computed tomography devices. *Clinical Oral Investigations*, **2021**, 1	4.2	
3	Influence of skeletal class and facial type on nose dimensions in a Brazilian subpopulation: a CBCT study. *Brazilian Oral Research*, **2021**, 35, e036	2.6	
2	Comparison of panoramic radiography and cone beam CT in the assessment of juxta-apical radiolucency-an answer to Letter to Editor. *Dentomaxillofacial Radiology*, **2018**, 47, 20180246	3.9	
1	Reproducibility and diagnostic value of a new wedge-guided bitewing image receptor-holding device. *Dentomaxillofacial Radiology*, **2021**, 20210186	3.9	