Deborah Freitas

List of Publications by Citations

162 papers	1,589 citations	22 h-index	31 g-index
171 ext. papers	1,946 ext. citations	3 avg, IF	5.15 L-index

#	Paper	IF	Citations
162	Evaluation of cone-beam computed tomography in the diagnosis of vertical root fractures: the influence of imaging modes and root canal materials. *Journal of Endodontics*, **2014**, 40, 1530-6	4.7	84
161	Bilateral dentigerous cysts: review of the literature and report of an unusual case. *Dentomaxillofacial Radiology*, **2006**, 35, 464-8	3.9	59
160	Bone density: comparative evaluation of Hounsfield units in multislice and cone-beam computed tomography. *Brazilian Oral Research*, **2012**, 26, 550-6	2.6	57
159	Influence of the artefact reduction algorithm of Picasso Trio CBCT system on the diagnosis of vertical root fractures in teeth with metal posts. *Dentomaxillofacial Radiology*, **2015**, 44, 20140428	3.9	50
158	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
157	Association between Odontogenic Conditions and Maxillary Sinus Disease: A Study Using Cone-beam Computed Tomography. *Journal of Endodontics*, **2016**, 42, 1509-15	4.7	35
156	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
155	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
154	Prevalence and characteristics of pneumatization of the temporal bone evaluated by cone beam computed tomography. *International Journal of Oral and Maxillofacial Surgery*, **2013**, 42, 771-5	2.9	33
153	Evaluation of a metal artefact reduction tool on different positions of a metal object in the FOV. *Dentomaxillofacial Radiology*, **2017**, 46, 20160366	3.9	32
152	Influence of CBCT enhancement filters on diagnosis of vertical root fractures: a simulation study in endodontically treated teeth with and without intracanal posts. *Dentomaxillofacial Radiology*, **2015**, 44, 20140352	3.9	32
151	Influence of acquisition parameters on the magnitude of cone beam computed tomography artifacts. *Dentomaxillofacial Radiology*, **2018**, 47, 20180151	3.9	32
150	Evaluation of artifacts generated by zirconium implants in cone-beam computed tomography images. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2017**, 123, 265-272	2	29
149	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
148	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
147	Comparison of panoramic radiography and CBCT to identify maxillary posterior roots invading the maxillary sinus. *Dentomaxillofacial Radiology*, **2016**, 45, 20160043	3.9	26
146	Influence of exposure factors on the variability of CBCT voxel values: a phantom study. *Dentomaxillofacial Radiology*, **2014**, 43, 20140128	3.9	26

145	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
144	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
143	Optimization of Tube Current in Cone-beam Computed Tomography for the Detection of Vertical Root Fractures with Different Intracanal Materials. *Journal of Endodontics*, **2017**, 43, 1668-1673	4.7	22
142	Prevalence of C-shaped root canal in a Brazilian subpopulation: a cone-beam computed tomography analysis. *Brazilian Oral Research*, **2014**, 28, 39-45	2.6	22
141	Magnitude of cone beam CT image artifacts related to zirconium and titanium implants: impact on image quality. *Dentomaxillofacial Radiology*, **2018**, 47, 20180021	3.9	22
140	The SharpenSfilter improves the radiographic detection of vertical root fractures. *International Endodontic Journal*, **2015**, 48, 428-34	5.4	21
139	Metallic materials in the exomass impair conebeam CT voxel values. *Dentomaxillofacial Radiology*, **2018**, 47, 20180011	3.9	21
138	Prevalence of technical errors and periapical lesions in a sample of endodontically treated teeth: a CBCT analysis. *Clinical Oral Investigations*, **2018**, 22, 2495-2503	4.2	21
137	Efficacy of new natural biomodification agents from Anacardiaceae extracts on dentin collagen cross-linking. *Dental Materials*, **2017**, 33, 1103-1109	5.7	21
136	Detection of Fractured Endodontic Instruments in Root Canals: Comparison between Different Digital Radiography Systems and Cone-beam Computed Tomography. *Journal of Endodontics*, **2017**, 43, 544-549	4.7	18
135	Changes in condylar volume and joint spaces after orthognathic surgery. *International Journal of Oral and Maxillofacial Surgery*, **2018**, 47, 511-517	2.9	18
134	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
133	Dental age assessment: Which is the most applicable method?. *Forensic Science International*, **2018**, 284, 97-100	2.6	17
132	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
131	Osteopetrosis--a review and report of two cases. *Oral Diseases*, **2005**, 11, 46-9	3.5	17
130	Magnitude of beam-hardening artifacts produced by gutta-percha and metal posts on cone-beam computed tomography with varying tube current. *Imaging Science in Dentistry*, **2020**, 50, 1-7	2.2	16
129	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
128	Accuracy of Digital Subtraction Radiography inthe Detection of Vertical Root Fractures. *Journal of Endodontics*, **2016**, 42, 896-9	4.7	15

127	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
126	Impact of root fillings and posts on the diagnostic ability of three intra-oral digital radiographic systems in detecting vertical root fractures. *International Endodontic Journal*, **2015**, 48, 864-71	5.4	14
125	Condylar and disk position and signs and symptoms of temporomandibular disorders in stress-free subjects. *Journal of the American Dental Association*, **2007**, 138, 1251-5; quiz 1268	1.9	14
124	Are metal artefact reduction algorithms effective to correct cone beam CT artefacts arising from the exomass?. *Dentomaxillofacial Radiology*, **2019**, 48, 20180290	3.9	14
123	Influence of brightness and contrast adjustments on the diagnosis of proximal caries lesions. *Dentomaxillofacial Radiology*, **2018**, 47, 20180100	3.9	13
122	Diagnosis of vertical root fracture in teeth close and distant to implant: an in vitro study to assess the influence of artifacts produced in cone beam computed tomography. *Clinical Oral Investigations* , **2019**, 23, 1263-1270	4.2	13
121	Use of the metal artefact reduction tool in the identification of fractured endodontic instruments in cone-beam computed tomography. *International Endodontic Journal*, **2020**, 53, 506-512	5.4	13
120	Panoramic radiographs underestimate extensions of the anterior loop and mandibular incisive canal. *Imaging Science in Dentistry*, **2016**, 46, 159-65	2.2	13
119	Metal artifact production and reduction in CBCT with different numbers of basis images. *Imaging Science in Dentistry*, **2018**, 48, 41-44	2.2	13
118	Influence of acquisition parameters on the evaluation of mandibular third molars through cone beam computed tomography. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2017**, 124, 183-190	2	12
117	Dosimetry in CBCT with Different Protocols: Emphasis on Small FOVs Including Exams for TMJ. *Brazilian Dental Journal*, **2017**, 28, 511-516	1.9	12
116	Relationship between articular eminence inclination and alterations of the mandibular condyle: a CBCT study. *Brazilian Oral Research*, **2017**, 31, e25	2.6	12
115	Digital radiographs displayed on different devices: effect on the detection of vertical root fractures. *International Endodontic Journal*, **2016**, 49, 386-92	5.4	12
114	Influence of the milliamperage settings on cone beam computed tomography imaging for implant planning. *International Journal of Oral and Maxillofacial Implants*, **2014**, 29, 1364-8	2.8	12
113	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
112	Prevalence of suggestive images of carotid artery calcifications on panoramic radiographs and its relationship with predisposing factors. *Ciencia E Saude Coletiva*, **2016**, 21, 2201-8	2.2	11
111	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
110	Diagnosis of external root resorption in teeth close and distant to zirconium implants: influence of acquisition parameters and artefacts produced during cone beam computed tomography. *International Endodontic Journal*, **2019**, 52, 866-873	5.4	10

109	Comparison of panoramic radiography and cone beam CT in the assessment of juxta-apical radiolucency. *Dentomaxillofacial Radiology*, **2018**, 47, 20170198	3.9	9
108	Age and sex estimation based on pulp cavity volume using cone beam computed tomography: development and validation of formulas in a Brazilian sample. *Dentomaxillofacial Radiology*, **2019**, 48, 20190053	3.9	9
107	Can a high-density dental material affect the automatic exposure compensation of digital radiographic images?. *Dentomaxillofacial Radiology*, **2019**, 48, 20180331	3.9	9
106	Prevalence of soft tissue calcifications in the maxillofacial region detected by cone beam CT. *Oral Diseases*, **2018**, 24, 628-637	3.5	9
105	Influence of Artifact Reduction Tools in Micro-computed Tomography Images for Endodontic Research. *Journal of Endodontics*, **2017**, 43, 2108-2111	4.7	8
104	Influence of Cone Beam Computed Tomography Settings on Implant Artifact Production: Zirconia and Titanium. *International Journal of Oral and Maxillofacial Implants*, **2019**, 34, 1114-1120	2.8	8
103	Root canal configuration and its relation with endodontic technical errors in premolar teeth: a CBCT analysis. *International Endodontic Journal*, **2019**, 52, 1410-1416	5.4	8
102	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
101	Segmentation Methods for Micro CT Images: A Comparative Study Using Human Bone Samples. *Brazilian Dental Journal*, **2018**, 29, 150-153	1.9	8
100	Difference in the artefacts production and the performance of the metal artefact reduction (MAR) tool between the buccal and lingual cortical plates adjacent to zirconium dental implant. *Dentomaxillofacial Radiology*, **2019**, 48, 20190058	3.9	8
99	Association between the Root Canal Configuration, Endodontic Treatment Technical Errors, and Periapical Hypodensities in Molar Teeth: A Cone-beam Computed Tomographic Study. *Journal of Endodontics*, **2019**, 45, 1465-1471	4.7	8
98	Evaluation of temporomandibular joint in stress-free patients. *Dentomaxillofacial Radiology*, **2007**, 36, 336-40	3.9	8
97	Does the metal artifact reduction algorithm activation mode influence the magnitude of artifacts in CBCT images?. *Imaging Science in Dentistry*, **2020**, 50, 23-30	2.2	8
96	Brazilian young dental practitionersSuse and acceptance of digital radiographic examinations. *Imaging Science in Dentistry*, **2016**, 46, 239-244	2.2	8
95	Detection of the gubernacular canal and its attachment to the dental follicle may indicate an abnormal eruption status. *Angle Orthodontist*, **2019**, 89, 781-787	2.6	7
94	Radioprotective effect of sodium selenite on bone repair in the tibia of ovariectomized rats. *Brazilian Dental Journal*, **2012**, 23, 723-8	1.9	7
93	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
92	Validation of cone-beam computed tomography as a predictor of osteoporosis using the Klemetti classification. *Brazilian Oral Research*, **2016**, 30,	2.6	7

91	Influence of VistaScan image enhancement filters on diagnosis of simulated periapical lesions on intraoral radiographs. *Dentomaxillofacial Radiology*, **2019**, 48, 20180146	3.9	7
90	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
89	Meloxicam as a Radiation-Protective Agent on Mandibles of Irradiated Rats. *Brazilian Dental Journal* , **2017**, 28, 249-255	1.9	6
88	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
87	Feasibility of micro-computed tomography to detect and classify proximal caries lesions in vitro. *Dental Research Journal*, **2018**, 15, 123	0.8	6
86	Influence of the Intracanal Material and Metal Artifact Reduction Tool in the Detection of the Second Mesiobuccal Canal in Cone-beam Computed Tomographic Examinations. *Journal of Endodontics*, **2020**, 46, 1067-1073	4.7	6
85	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
84	Mapping the expression of beam hardening artefacts produced by metal posts positioned in different regions of the dental arch. *Clinical Oral Investigations*, **2021**, 25, 571-579	4.2	6
83	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
82	Evaluation of the zygomatic bone by cone beam computed tomography. *Surgical and Radiologic Anatomy*, **2015**, 37, 55-60	1.4	5
81	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
80	The relationship of articular eminence and mandibular fossa morphology to facial profile and gender determined by cone beam computed tomography. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2019**, 128, 660-666	2	5
79	Effect of brightness and contrast variation for detectability of root resorption lesions in digital intraoral radiographs. *Clinical Oral Investigations*, **2019**, 23, 3379-3386	4.2	5
78	Accuracy of ITK-SNAP software for 3D analysis of a non-regular topography structure. *Oral Radiology*, **2020**, 36, 183-189	2.5	5
77	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
76	Vertical bone measurements from cone beam computed tomography images using different software packages. *Brazilian Oral Research*, **2015**, 29,	2.6	4
75	Reliability of measurements on virtual models obtained from scanning of impressions and conventional plaster models. *Brazilian Journal of Oral Sciences*, **2014**, 13, 297-302	10	4
74	Oblique or orthoradial CBCT slices for preoperative implant planning: which one is more accurate?. *Brazilian Journal of Oral Sciences*, **2014**, 13, 104-108	10	4

73	Automatic exposure compensation and subjective image enhancement in the radiographic diagnosis of caries. *Brazilian Oral Research*, **2020**, 34, e082	2.6	4
72	Feasibility of micro-computed tomography to detect and classify proximal caries lesions. *Dental Research Journal*, **2018**, 15, 123-129	0.8	4
71	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
70	Dental Teleradiology: A Powerful Strategy to Overcome the Impact of COVID-19. *Academic Radiology*, **2020**, 27, 1492-1493	4.3	4
69	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
68	Influence of scan mode (partial/full rotations) and FOV size in the formation of artefacts in cone beam CT. *Dentomaxillofacial Radiology*, **2019**, 48, 20180340	3.9	4
67	Do the tube current and metal artifact reduction influence the diagnosis of vertical root fracture in a tooth positioned in the vicinity of a zirconium implant? A CBCT study. *Clinical Oral Investigations*, **2021**, 25, 2229-2235	4.2	4
66	Influence of dental fillings and tooth type on the performance of a novel artificial intelligence-driven tool for automatic tooth segmentation on CBCT images - A validation study.. *Journal of Dentistry*, **2022**, 119, 104069	4.8	4
65	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
64	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
63	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
62	Radioprotective effect of sodium selenite on developing teeth. *Brazilian Dental Journal*, **2013**, 24, 375-9	1.9	3
61	Oral radiology practice in dental schools during the COVID-19 pandemic: What will be the new normal?. *Imaging Science in Dentistry*, **2020**, 50, 265-267	2.2	3
60	Positioning errors of dental implants and their associations with adjacent structures and anatomical variations: A CBCT-based study. *Imaging Science in Dentistry*, **2020**, 50, 281-290	2.2	3
59	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
58	Influence of metal artefact reduction tool on the detection of vertical root fractures involving teeth with intracanal materials in cone beam computed tomography images: A systematic review and meta-analysis. *International Endodontic Journal*, **2021**, 54, 1769-1781	5.4	3
57	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
56	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

55	Effect of digital enhancement on the radiographic assessment of vertical root fractures in the presence of different intracanal materials: an in vitro study. *Clinical Oral Investigations*, **2021**, 25, 195-202	4.2	3
54	Do the number of basis images and metal artifact reduction affect the production of artifacts near and far from zirconium dental implants in CBCT?. *Clinical Oral Investigations*, **2021**, 25, 5281-5291	4.2	3
53	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
52	Magnetic resonance imaging of the temporomandibular joint acquired using different parameters. *Journal of Morphological Sciences*, **2014**, 31, 103-109	0.1	2
51	Detection of Simulated Periapical Lesion in Intraoral Digital Radiography with Different Brightness and Contrast. *European Endodontic Journal*, **2019**, 4, 133-138	1.5	2
50	Classification and Morphological Analysis of the Hard Palate in Cone-Beam Computed Tomography Scans: A Retrospective Study. *Journal of Oral and Maxillofacial Surgery*, **2021**, 79, 695.e1-695.e13	1.8	2
49	Diagnosis of ethmoid sinolith by cone-beam computed tomography: case report and literature review. *Oral Radiology*, **2019**, 35, 68-72	2.5	2
48	A modified protocol of mandibular osteoradionecrosis induction in rats with external beam radiation therapy. *Clinical Oral Investigations*, **2020**, 24, 1561-1567	4.2	2
47	Assessment of dentistsSbehaviour on the use of patientsSimages. *European Journal of Dental Education*, **2020**, 24, 513-517	2.5	2
46	Do image enhancement filters in complementary metal oxide semiconductor and photostimulable phosphor imaging systems improve the detection of fractured endodontic instruments in periapical radiography?. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2021**, 131, 247-255	2	2
45	Application of image processing techniques to aid in the detection of vertical root fractures in digital periapical radiography. *Clinical Oral Investigations*, **2021**, 25, 5077-5085	4.2	2
44	Do the location and dimensions of the mental foramen differ among individuals of different facial types and skeletal classes? A CBCT study. *Journal of Prosthetic Dentistry*, **2021**,	4	2
43	Comparison of distance of upper central incisor root and incisive canal in different sagittal and vertical skeletal patterns and sex: A retrospective CBCT study. *International Orthodontics*, **2021**, 19, 462-470	0.9	2
42	Brightness and contrast adjustments influence the radiographic detection of soft tissue calcification. *Oral Diseases*, **2019**, 25, 1809-1814	3.5	1
41	C-shaped canals in mandibular molars of a Brazilian subpopulation: prevalence and root canal configuration using cone-beam computed tomography. *Clinical Oral Investigations*, **2020**, 24, 3299-3305	4.2	1
40	Variations in pulp volume between normotensive and hypertensive individuals on CBCT imaging. *Clinical Oral Investigations*, **2020**, 24, 4069-4076	4.2	1
39	Effect of Alendronate on Bone Microarchitecture in Irradiated Rats With Osteoporosis: Micro-CT and Histomorphometric Analysis. *Journal of Oral and Maxillofacial Surgery*, **2018**, 76, 972-981	1.8	1
38	AuthorsSresponse. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2016**, 150, 6	2.1	1

37	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
36	Objective assessment of the combined effect of exomass-related- and motion artefacts in cone beam CT. *Dentomaxillofacial Radiology*, **2021**, 50, 20200255	3.9	1
35	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
34	Distortion or magnification? An cone-beam CT study of dimensional changes of objects with different compositions. *Dentomaxillofacial Radiology*, **2021**, 50, 20210063	3.9	1
33	Complex Odontoma: A Case Report with Micro-Computed Tomography Findings. *Case Reports in Dentistry*, **2016**, 2016, 3584751	0.6	1
32	Incidental findings of implant complications on postimplantation CBCTs: A cross-sectional study-Methodological issues. *Clinical Implant Dentistry and Related Research*, **2019**, 21, 11-12	3.9	1
31	A comparative study on image quality of two digital intraoral sensors-methodological, ethical and statistical issues. *Dentomaxillofacial Radiology*, **2020**, 49, 20200054	3.9	1
30	Does dose optimisation in digital panoramic radiography affect diagnostic performance?. *Clinical Oral Investigations*, **2021**, 25, 637-643	4.2	1
29	CBCT image artefacts generated by implants located inside the field of view or in the exomass. *Dentomaxillofacial Radiology*, **2021**, 20210092	3.9	1
28	Combined Use of 2 Cone-beam Computed Tomography Scans in the Assessment of Vertical Root Fracture in Teeth with Intracanal Material. *Journal of Endodontics*, **2021**, 47, 1132-1137	4.7	1
27	Is it Possible to Obtain Extraoral X-Ray Images of Patients Wearing Face Masks? A New Infection Control Measure During the COVID-19 Pandemic. *Academic Radiology*, **2021**, 28, 1822-1823	4.3	1
26	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
25	Does the administration of meloxicam before head and neck radiotherapy reduce the risk of mandibular osteoradionecrosis? An animal model study. *Clinical Oral Investigations*, **2021**, 25, 3739-3745	4.2	1
24	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
23	Morphological characteristics of the mesiobuccal root in the presence of a second mesiobuccal canal: a micro-CT study.. *Restorative Dentistry & Endodontics*, **2022**, 47, e6	1.5	0
22	Prevalence and features of elongated styloid process on imaging studies: a systematic review and meta-analysis. *Clinical Oral Investigations*, **2021**, 1	4.2	0
21	Revisiting dynamic range and image enhancement ability of contemporary digital radiographic systems. *Dentomaxillofacial Radiology*, **2021**, 20210404	3.9	0
20	Evaluation of a low-dose protocol for cone beam computed tomography of the temporomandibular joint - ethical and methodological considerations. *Dentomaxillofacial Radiology*, **2021**, 50, 20200424	3.9	0

19	Which factors related to apical radiolucency may influence its radiographic detection? A study using CBCT as reference standard. *Restorative Dentistry & Endodontics*, **2021**, 46, e43	1.5	0
18	Influence of artifacts generated by titanium and zirconium implants in the study of trabecular bone architecture in cone-beam CT images.. *Dentomaxillofacial Radiology*, **2022**, 20220066	3.9	0
17	More frequent detection of calcified carotid atherosclerotic plaques and mineralized laryngeal cartilages on digital than on film-based panoramic radiographs. *Imaging Science in Dentistry*, **2019**, 49, 65-70	2.2	
16	Letters From Our Readers. *Angle Orthodontist*, **2019**, 89, 163	2.6	
15	Are different imaging methods affecting the treatment decision of extractions of mandibular third molars? Methodological and statistical issues. *Dentomaxillofacial Radiology*, **2018**, 47, 20180043	3.9	
14	Radioprotective Effect of Sodium Selenite on Mandible of Irradiated Rats. *Brazilian Dental Journal*, **2019**, 30, 232-237	1.9	
13	Mapping of a multilayer panoramic radiography device. *Dentomaxillofacial Radiology*, **2021**, 20210082	3.9	
12	Digital file format does not influence the radiographic diagnosis of vertical root fracture. *Oral Radiology*, **2021**, 1	2.5	
11	Influence of different viewing conditions on the detection of fractured endodontic instruments using periapical radiographs at 3 projection angles. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2021**, 132, 744-750	2	
10	Do the dimensions of the hard palate have a relationship with the volumes of the upper airways and maxillary sinuses? A CBCT study. *BMC Oral Health*, **2021**, 21, 356	3.7	
9	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	
8	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	
7	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	
6	Reproducibility and diagnostic value of a new wedge-guided bitewing image receptor-holding device. *Dentomaxillofacial Radiology*, **2021**, 20210186	3.9	
5	Do different sexes, skeletal and breathing patterns influence the maxillary sinuses volume? A retrospective study. *Forensic Imaging*, **2021**, 27, 200479	0.6	
4	The metal post material influences the performance of artefact reduction algorithms in CBCT images.. *Brazilian Dental Journal*, **2022**, 33, 31-40	1.9	
3	Morphological and topographic evaluation of the mandibular canal and its relationship with the facial profile, skeletal class, and sex.. *Oral and Maxillofacial Surgery*, **2022**, 1	1.6	
2	Influence of sharpening filters on the detection of root fractures using low-dose cone-beam computed tomography.. *Clinical Oral Investigations*, **2022**, 1	4.2	

1	Does the angulation between the maxillary central incisors and the nasopalatine canal differ among sagittal and vertical skeletal patterns? A CBCT study. *International Orthodontics*, **2022**, 100636	0.9