Gustavo Machado Santaella

List of Publications by Year
in descending order

21 papers	239 citations	933447 10 h-index	996975 15 g-index
22 all docs	22 docs citations	22 times ranked	250 citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of a metal artefact reduction tool on different positions of a metal object in the FOV. Dentomaxillofacial Radiology, 2017, 46, 20160366.	2.7	44
2	The alveolar bone protective effects of natural products: A systematic review. Archives of Oral Biology, 2018, 87, 196-203.	1.8	21
3	Metal artifact production and reduction in CBCT with different numbers of basis images. Imaging Science in Dentistry, 2018, 48, 41.	1.8	20
4	Does the metal artifact reduction algorithm activation mode influence the magnitude of artifacts in CBCT images?. Imaging Science in Dentistry, 2020, 50, 23.	1.8	18
5	Zoom Reconstruction Tool: Evaluation of Image Quality and Influence on the Diagnosis of Root Fracture. Journal of Endodontics, 2018, 44, 621-625.	3.1	17
6	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.	2.7	16
7	Digital radiographs displayed on different devices: effect on the detection of vertical root fractures. International Endodontic Journal, 2016, 49, 386-392.	5.0	15
8	Evaluation of soft tissues simulant materials in cone beam computed tomography. Dentomaxillofacial Radiology, 2019, 48, 20180072.	2.7	14
9	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.	2.7	14
10	Influence of VistaScan image enhancement filters on diagnosis of simulated periapical lesions on intraoral radiographs. Dentomaxillofacial Radiology, 2019, 48, 20180146.	2.7	10
11	Development of a model of soft tissue simulation using ballistic gelatin for CBCT acquisitions related to dentomaxillofacial radiology research. Dentomaxillofacial Radiology, 2021, 50, 20200191.	2.7	10
12	Influence of scan mode (partial/full rotations) and FOV size in the formation of artefacts in cone beam CT. Dentomaxillofacial Radiology, 2019, 48, 20180340.	2.7	8
13	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.	0.4	7
14	Comparison of automatic and visual methods used for image segmentation in Endodontics: a microCT study. Journal of Applied Oral Science, 2017, 25, 674-679.	1.8	6
15	The influence of different scan resolutions on the detection of proximal caries lesions. Imaging Science in Dentistry, 2019, 49, 97.	1.8	5
16	Analysis of the deterioration of photostimulable phosphor plates. Dentomaxillofacial Radiology, 2020, 49, 20190500.	2.7	4
17	Quantitative assessment of variation in CBCT image technical parameters related to CBCT detector lateral-offset position. Dentomaxillofacial Radiology, 2020, 49, 20190077.	2.7	3
18	Influence of Voxel Size on CBCT Images for Dental Implants Planning. European Journal of Dentistry, 2022, 16, 381-385.	1.7	3

#	Article	IF	Citations
19	Impact of COVID-19 Pandemic on Dental Education: Perception of Professors and Students. Odovtos International Journal of Dental Sciences, 0, , 513-524.	0.1	2
20	Digital Technology in Dental Education During COVID-19 Pandemic: Worldwide Experience of Professors and Students. Odovtos International Journal of Dental Sciences, 0, , 505-534.	0.1	1
21	Characteristics of radiographic images acquired with CdTe, CCD and CMOS detectors in skull radiography. Imaging Science in Dentistry, 2020, 50, 339.	1.8	1