Rubens R Spin-Neto

List of Publications by Year in descending order

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124 papers 2,587 citations

201385 27 h-index 264894 42 g-index

128 all docs

128 docs citations

times ranked

128

2934 citing authors

#	Article	IF	CITATIONS
1	Impact of Voxel Size Variation on CBCT-Based Diagnostic Outcome in Dentistry: a Systematic Review. Journal of Digital Imaging, 2013, 26, 813-820.	1.6	131
2	Cone beam computed tomography and periapical lesions: a systematic review analysing studies on diagnostic efficacy by a hierarchical model. International Endodontic Journal, 2015, 48, 815-828.	2.3	91
3	Alveolar Ridge and Maxillary Sinus Augmentation Using rh <scp>BMP</scp> â€2: A Systematic Review. Clinical Implant Dentistry and Related Research, 2015, 17, e192-201.	1.6	74
4	Remodeling of cortical and corticocancellous freshâ€frozen allogeneic block bone grafts – a radiographic and histomorphometric comparison to autologous bone grafts. Clinical Oral Implants Research, 2015, 26, 747-752.	1.9	73
5	Patient movement and motion artefacts in cone beam computed tomography of the dentomaxillofacial region: a systematic literature review. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2016, 121, 425-433.	0.2	69
6	Horizontal ridge augmentation of the atrophic anterior maxilla using rhBMPâ€2/ACS or autogenous bone grafts: a proofâ€ofâ€concept randomized clinical trial. Journal of Clinical Periodontology, 2013, 40, 968-975.	2.3	68
7	Graft incorporation and implant osseointegration following the use of autologous and freshâ€frozen allogeneic block bone grafts for lateral ridge augmentation. Clinical Oral Implants Research, 2014, 25, 226-233.	1.9	68
8	Diagnostic accuracy of cone beam computed tomography used for assessment of apical periodontitis: an <i>exÂvivo</i> histopathological study on human cadavers. International Endodontic Journal, 2019, 52, 439-450.	2.3	63
9	Fate of autologous and freshâ€frozen allogeneic block bone grafts used for ridge augmentation. A <scp>CBCT</scp> â€based analysis. Clinical Oral Implants Research, 2013, 24, 167-173.	1.9	61
10	Cone beam CT image artefacts related to head motion simulated by a robot skull: visual characteristics and impact on image quality. Dentomaxillofacial Radiology, 2013, 42, 32310645.	1.3	61
11	Diagnostic validity of periapical radiography and CBCT for assessing periapical lesions that persist after endodontic surgery. Dentomaxillofacial Radiology, 2017, 46, 20170210.	1.3	59
12	Clinical Similarities and Histological Diversity Comparing Fresh Frozen Onlay Bone Blocks Allografts and Autografts in Human Maxillary Reconstruction. Clinical Implant Dentistry and Related Research, 2013, 15, 490-497.	1.6	56
13	Diabetes mellitus and oral mucosa alterations: Prevalence and risk factors. Diabetes Research and Clinical Practice, 2011, 92, 100-105.	1.1	55
14	Use of Micro-Computed Tomography for Bone Evaluation in Dentistry. Brazilian Dental Journal, 2018, 29, 227-238.	0.5	54
15	Planning of dental implant size with digital panoramic radiographs, <scp>CBCT</scp> â€generated panoramic images, and <scp>CBCT</scp> crossâ€sectional images. Clinical Oral Implants Research, 2014, 25, 690-695.	1.9	48
16	Periapical Bone Healing after Apicectomy with and without Retrograde Root Filling with Mineral Trioxide Aggregate: A 6-year Follow-up of a Randomized Controlled Trial. Journal of Endodontics, 2016, 42, 533-537.	1.4	44
17	Exploring CBCT-Based DICOM Files. A Systematic Review on the Properties of Images Used to Evaluate Maxillofacial Bone Grafts. Journal of Digital Imaging, 2011, 24, 959-966.	1.6	41
18	Use of autogenous bone and beta-tricalcium phosphate in maxillary sinus lifting: a prospective, randomized, volumetric computed tomography study. International Journal of Oral and Maxillofacial Surgery, 2015, 44, 1486-1491.	0.7	41

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19	Radiographic signs of pathology determining removal of an impacted mandibular third molar assessed in a panoramic image or CBCT. Dentomaxillofacial Radiology, 2017, 46, 20160330.	1.3	41
20	Bone Remodeling Around Implants with External Hexagon and Morseâ€Taper Connections: A Randomized, Controlled, Splitâ€Mouth, Clinical Trial. Clinical Implant Dentistry and Related Research, 2017, 19, 97-110.	1.6	41
21	Factors affecting patient movement and re-exposure in cone beam computed tomography examination. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, 572-578.	0.2	40
22	Volumetric upper airway assessment in patients with transverse maxillary deficiency after surgically assisted rapid maxillary expansion. International Journal of Oral and Maxillofacial Surgery, 2014, 43, 581-586.	0.7	35
23	Oral health status in patients with acquired brain injury: a systematic review. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2017, 123, 205-219.e7.	0.2	35
24	Laser ablation in titanium implants followed by biomimetic hydroxyapatite coating: Histomorphometric study in rabbits. Microscopy Research and Technique, 2012, 75, 940-948.	1.2	30
25	Two- and tridimensional analysis of periapical repair after endodontic surgery. Clinical Oral Investigations, 2015, 19, 17-25.	1.4	30
26	Movement characteristics in young patients and the impact on CBCT image quality. Dentomaxillofacial Radiology, 2016, 45, 20150426.	1.3	30
27	Variation in voxel value distribution and effect of time between exposures in six CBCT units. Dentomaxillofacial Radiology, 2014, 43, 20130376.	1.3	29
28	Addition of zirconium oxide to Biodentine increases radiopacity and does not alter its physicochemical and biological properties. Journal of Applied Oral Science, 2019, 27, e20180429.	0.7	29
29	Oral Health and Brain Injury: Causal or Casual Relation?. Cerebrovascular Diseases Extra, 2018, 8, 1-15.	0.5	27
30	Patient movement characteristics and the impact on CBCT image quality and interpretability. Dentomaxillofacial Radiology, 2018, 47, 20170216.	1.3	27
31	Cone-beam evaluation of pharyngeal airway space in class I, II, and III patients. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 120, 679-683.	0.2	25
32	Fate of the buccal bone at implants placed early, delayed, or late after tooth extraction analyzed by cone beam <scp>CT</scp> : 10â€year results from a randomized, controlled, clinical study. Clinical Oral Implants Research, 2015, 26, 492-500.	1.9	25
33	Use of microâ€computed tomography for the assessment of periapical lesions in small rodents: a systematic review. International Endodontic Journal, 2017, 50, 352-366.	2.3	24
34	Impact of cone beam computed tomography on periapical assessment and treatment planning five to eleven years after surgical endodontic retreatment. International Endodontic Journal, 2018, 51, 729-737.	2.3	24
35	Inferior Alveolar Nerve Function After Sagittal Split Osteotomy by Reciprocating Saw or Piezosurgery Instrument: Prospective Double-Blinded Study. Journal of Oral and Maxillofacial Surgery, 2014, 72, 1168-1172.	0.5	23
36	Coneâ€Beam Computed Tomography for Detection of Intrabony and Furcation Defects: A Systematic Review Based on a Hierarchical Model for Diagnostic Efficacy. Journal of Periodontology, 2016, 87, 630-644.	1.7	22

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37	An <i>ex vivo</i> study of automated motion artefact correction and the impact on cone beam CT image quality and interpretability. Dentomaxillofacial Radiology, 2018, 47, 20180013.	1.3	22
38	Influence of residual bone height and sinus width on the outcome of maxillary sinus bone augmentation using anorganic bovine bone. Clinical Oral Implants Research, 2019, 30, 315-323.	1.9	22
39	Calvarial Autogenous Bone Graft for Maxillary Ridge and Sinus Reconstruction for Rehabilitation With Dental Implants. Journal of Oral Implantology, 2014, 40, 469-478.	0.4	21
40	Diagnostic accuracy of conventional and digital radiography forÂdetecting misfit between the tooth and restoration in metal-restored teeth. Journal of Prosthetic Dentistry, 2015, 113, 39-47.	1.1	21
41	Histological evaluation of chitosanâ€based biomaterials used for the correction of critical size defects in rat's calvaria. Journal of Biomedical Materials Research - Part A, 2010, 93A, 107-114.	2.1	20
42	Correlation of Fractal Dimension with Histomorphometry in Maxillary Sinus Lifting Using Autogenous Bone Graft. Brazilian Dental Journal, 2015, 26, 11-18.	0.5	20
43	Quality assurance phantoms for cone beam computed tomography: a systematic literature review. Dentomaxillofacial Radiology, 2017, 46, 20160329.	1.3	20
44	Use of cone beam computed tomography to assess significant imaging findings related to mandibular third molar impaction. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2017, 124, 506-516.	0.2	19
45	Factors affecting the possibility to detect buccal bone condition around dental implants using cone beam computed tomography. Clinical Oral Implants Research, 2017, 28, 1082-1088.	1.9	19
46	Effect of an acid diet allied to sonic toothbrushing on root dentin permeability: an in vitro study. Brazilian Dental Journal, 2010, 21, 390-395.	0.5	18
47	In vitro biomechanical comparison of six different fixation methods following 5-mm sagittal split advancement osteotomies. International Journal of Oral and Maxillofacial Surgery, 2015, 44, 984-988.	0.7	18
48	Solubility and bacterial sealing ability of MTA and root-end filling materials. Journal of Applied Oral Science, 2016, 24, 121-125.	0.7	18
49	Mechanical evaluation of six techniques for stable fixation of the sagittal split osteotomy after counterclockwise mandibular advancement. British Journal of Oral and Maxillofacial Surgery, 2016, 54, 573-578.	0.4	18
50	Systemic administration of strontium ranelate to enhance the osseointegration of implants: systematic review of animal studies. International Journal of Implant Dentistry, 2018, 4, 21.	1.1	18
51	Odontogenic Myxoma: Systematic review and bias analysis. European Journal of Clinical Investigation, 2020, 50, e13214.	1.7	17
52	Radiographic observers' ability to recognize patient movement during cone beam CT. Dentomaxillofacial Radiology, 2014, 43, 20130449.	1.3	16
53	Diagnostic accuracy of cone beam computed tomography sections with various thicknesses for detecting misfit between the tooth and restoration in metal-restored teeth. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 120, e131-e137.	0.2	16
54	Comparison of radiographic and histological assessment of periâ€implant bone around oral implants. Clinical Oral Implants Research, 2016, 27, 782-786.	1.9	16

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55	Comprehensive oral-health assessment of individuals with acquired brain-injury in neuro-rehabilitation setting. Brain Injury, 2016, 30, 1103-1108.	0.6	16
56	Buccal fat pad removal to improve facial aesthetics: an established technique?. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2018, 23, 0-0.	0.7	16
57	Effect of ionizing radiation after-therapy interval on bone: histomorphometric and biomechanical characteristics. Clinical Oral Investigations, 2019, 23, 2785-2793.	1.4	16
58	Homeopathic Symphytum officinale increases removal torque and radiographic bone density around titanium implants in rats. Homeopathy, 2010, 99, 249-254.	0.5	15
59	Reproducibility of mandibular third molar assessment comparing two cone beam CT units in a matched pairs design. Dentomaxillofacial Radiology, 2013, 42, 20130228.	1.3	15
60	Cone beam computed tomography evaluation of staged lateral ridge augmentation using plateletâ€rich fibrin or resorbable collagen membranes in a randomized controlled clinical trial. Clinical Oral Implants Research, 2019, 30, 277-284.	1.9	15
61	Impact of motion artefacts and motionâ€artefact correction on diagnostic accuracy of apical periodontitis in CBCT images: an <i>ex vivo</i> study in human cadavers. International Endodontic Journal, 2020, 53, 1275-1288.	2.3	15
62	Influence of homeopathic treatment with comfrey on bone density around titanium implants. A digital subtraction radiography study in rats. Clinical Oral Implants Research, 2008, 19, 624-628.	1.9	14
63	Detection of patient movement during CBCT examination using video observation compared with an accelerometer-gyroscope tracking system. Dentomaxillofacial Radiology, 2017, 46, 20160289.	1.3	14
64	Strontium enhances proliferation and osteogenic behavior of bone marrow stromal cells of mesenchymal and ectomesenchymal origins in vitro. Clinical and Experimental Dental Research, 2019, 5, 541-550.	0.8	14
65	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.	1.3	14
66	Remodelling of sinus bone grafts according to the distance from the native bone: A histomorphometric analysis. Clinical Oral Implants Research, 2020, 31, 959-967.	1.9	14
67	Strontium enhances proliferation and osteogenic behavior of periodontal ligament cells in vitro. Journal of Periodontal Research, 2018, 53, 1020-1028.	1.4	13
68	Incisive Canal Deflation for Correct Implant Placement: Case Report. Implant Dentistry, 2009, 18, 473-479.	1.7	12
69	Effect of the number of screws on the stability of locking mandibular reconstruction plates. International Journal of Oral and Maxillofacial Surgery, 2013, 42, 732-735.	0.7	12
70	Comparison of changes in dental and bone radiographic densities in the presence of different soft-tissue simulators using pixel intensity and digital subtraction analyses. Dentomaxillofacial Radiology, 2013, 42, 20130235.	1.3	12
71	Radiographic diagnosis of dental restoration misfit: a systematic review. Journal of Oral Rehabilitation, 2014, 41, 957-967.	1.3	12
72	Standardized method to quantify the variation in voxel value distribution in patient-simulated CBCT data sets. Dentomaxillofacial Radiology, 2015, 44, 20140283.	1.3	12

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73	Accuracy of video observation and a three-dimensional head tracking system for detecting and quantifying robot-simulated head movements in cone beam computed tomography. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2017, 123, 721-728.	0.2	12
74	Evaluation of a bone substitute covered with a collagen membrane for ridge preservation after tooth extraction. Clinical and tomographic randomized controlled study in humans. Clinical Oral Implants Research, 2018, 29, 424-433.	1.9	12
75	Fully versus conventionally guided implant placement by dental students: A randomized controlled trial. Clinical Oral Implants Research, 2021, 32, 1072-1084.	1.9	12
76	Different Molecular Weight Chitosan-Based Membranes for Tissue Regeneration. Materials, 2011, 4, 380-389.	1.3	11
77	Evaluation of the palatal split pattern in surgically rapid maxillary expansion—comparison of two techniques. Oral and Maxillofacial Surgery, 2016, 20, 255-258.	0.6	11
78	Effect of avocado/soybean unsaponifiables on ligatureâ€induced bone loss and bone repair after ligature removal in rats. Journal of Periodontal Research, 2016, 51, 332-341.	1.4	11
79	Radiographic changes in height and volume after lateral GBR procedures with different ratios of deproteinized bovine bone mineral and autogenous bone at different time points. An experimental study. Clinical Oral Implants Research, 2021, 32, 167-179.	1.9	11
80	Clinical and CBCT-based diagnosis of furcation involvement in patients with severe periodontitis. Quintessence International, 2015, 46, 863-70.	0.3	11
81	Influence of dental exposure to oral environment on smear layer removal and collagen exhibition after using different conditioning agents. Brazilian Dental Journal, 2011, 22, 479-485.	0.5	10
82	Immunological aspects of freshâ€frozen allogeneic bone grafting for lateral ridge augmentation. Clinical Oral Implants Research, 2013, 24, 963-968.	1.9	10
83	Effect of Avocado/Soybean Unsaponifiables on Osseointegration: A Proof-of-Principle Preclinical In Vivo Study. International Journal of Oral and Maxillofacial Implants, 2014, 29, 949-957.	0.6	9
84	\hat{l}^2 -TCP/HA with or without enamel matrix proteins for maxillary sinus floor augmentation: a histomorphometric analysis of human biopsies. International Journal of Implant Dentistry, 2017, 3, 18.	1.1	9
85	Long term followâ€up of titanium implants installed in blockâ€grafted areas: A systematic review. Clinical Implant Dentistry and Related Research, 2018, 20, 1036-1046.	1.6	9
86	Histology of augmented autogenous bone covered by a plateletâ€rich fibrin membrane or deproteinized bovine bone mineral and a collagen membrane: A pilot randomized controlled trial. Clinical Oral Implants Research, 2020, 31, 694-704.	1.9	9
87	Use of a Tooth-Implant Supported Bone Distractor in Oral Rehabilitation: Description of a Personalized Technique. Journal of Oral and Maxillofacial Surgery, 2008, 66, 2339-2344.	0.5	8
88	Is Peripheral Blood Cell Balanced Altered by the Use of Fresh Frozen Bone Block Allografts in Lateral Maxillary Ridge Augmentation?. Clinical Implant Dentistry and Related Research, 2013, 15, 262-270.	1.6	8
89	Periapical Repair Following Endodontic Surgery: Two- and Three-Dimensional Imaging Evaluation Methods. Brazilian Dental Journal, 2015, 26, 69-74.	0.5	8
90	Insertion angle of orthodontic mini-implants and their biomechanical performance: finite element analysis. Universidade Estadual Paulista Revista De Odontologia, 2015, 44, 273-279.	0.3	8

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91	Accuracy of detecting and measuring buccal bone thickness adjacent to titanium dental implants—a cone beam computed tomography in vitro study. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2018, 126, 432-438.	0.2	8
92	Bone formation around two titanium implant surfaces placed in bone defects with and without a bone substitute material: A histological, histomorphometric, and microâ€computed tomography evaluation. Clinical Implant Dentistry and Related Research, 2020, 22, 177-185.	1.6	8
93	Head motion and perception of discomfort by young children during simulated CBCT examinations. Dentomaxillofacial Radiology, 2021, 50, 20200445.	1.3	8
94	Implant image quality in dental radiographs recorded using a customized imaging guide or a standard film holder. Clinical Oral Implants Research, 2012, 23, 55-59.	1.9	7
95	Effect of 2 Different Drilling Speeds on the Osseointegration of Implants Placed With Flapless Guided Surgery. Implant Dentistry, 2017, 26, 882-887.	1.7	7
96	Evaluation of the RB–RB/LB–LB mnemonic rule for recording optimally projected intraoral images of dental implants: an <i>in vitro</i> study. Dentomaxillofacial Radiology, 2012, 41, 298-304.	1.3	6
97	Effects of avocado/soybean unsaponifiables (ASU) on the treatment of ligature-induced periodontitis in rats. Brazilian Oral Research, 2017, 31, e28.	0.6	6
98	Caries treatment decisions among undergraduate and postgraduate students supported by visual detection systems. International Journal of Paediatric Dentistry, 2018, 28, 92-101.	1.0	6
99	Radiopacity of endodontic materials using two models for conversion to millimeters of aluminum. Brazilian Oral Research, 2020, 34, e080.	0.6	6
100	Chitosan-based biomaterials used in critical-size bone defects: radiographic study in rat's calvaria. Universidade Estadual Paulista Revista De Odontologia, 2012, 41, 312-317.	0.3	4
101	Examiner's experience and the outcome interpretation of ICDAS and Nyvad's system – a prospective <i>in vitro</i>) study. Acta Odontologica Scandinavica, 2017, 75, 186-190.	0.9	4
102	Comparison of Imaging Softwares for Upper Airway Evaluation: Preliminary Study. Craniomaxillofacial Trauma & Reconstruction, 2018, 11, 273-277.	0.6	4
103	Bone tissue formation around two titanium implant surfaces placed in bone defects filled with bone substitute material or blood clot: A pilot study. Clinical Implant Dentistry and Related Research, 2019, 21, 1175-1180.	1.6	4
104	Prevalence and severity of image-stitching artifacts in charge-coupled device–based cephalograms of orthodontic patients. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2020, 129, 158-164.	0.2	4
105	Effect of computer-assisted-learning and simulation clinics on dental students' cognitive and performance skills: panoramic image errors related to patient's head position. Dentomaxillofacial Radiology, 2020, 49, 20200154.	1.3	4
106	Cortical Bone Modifications after Radiotherapy: Cortex Porosity and Osteonal Changes Evaluated Over Time. Brazilian Dental Journal, 2021, 32, 9-15.	0.5	4
107	Effect of osseodensification on the increase in ridge thickness and the prevention of buccal peri-implant defects: an in vitro randomized split mouth pilot study. BMC Oral Health, 2022, 22, .	0.8	4
108	Quantitative assessment of variation in CBCT image technical parameters related to CBCT detector lateral-offset position. Dentomaxillofacial Radiology, 2020, 49, 20190077.	1.3	3

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109	Image-stitching artefacts and distortion in CCD-based cephalograms and their association with sensor type and head movement: <i>ex vivo</i> study. Dentomaxillofacial Radiology, 2020, 49, 20190315.	1.3	3
110	Avaliação histomorfométrica da associação entre biovidro e osso bovino liofilizado no tratamento de defeitos ósseos crÃticos criados em calvárias de ratos. Estudo piloto. Universidade Estadual Paulista Revista De Odontologia, 2015, 44, 37-43.	0.3	3
111	Effect of data binning and frame averaging for micro-CT image acquisition on the morphometric outcome of bone repair assessment. Scientific Reports, 2022, 12, 1424.	1.6	3
112	Patient discomfort following single-tooth implant placement: a randomized controlled trial of immediate vs. conventional tooth restoration. Oral Health and Dental Management, 2014, 13, 441-5.	0.7	3
113	Longâ€ŧerm radiographic assessment of titanium implants installed in maxillary areas grafted with autogenous bone blocks using two predefined sets of success criteria. Clinical Implant Dentistry and Related Research, 2019, 21, 845-852.	1.6	2
114	Effect of the software binning and averaging data during microcomputed tomography image acquisition. Scientific Reports, 2019, 9, 10562.	1.6	2
115	Alendronate Impairs Healing of Calvaria Critical Defects After Bone Graft With Different Bone Substitute Materials. Journal of Oral and Maxillofacial Surgery, 2020, 78, 2184-2194.	0.5	2
116	Effect of a formalin-based fixation method on bone mineral content in human <i>ex-vivo</i> specimens. Acta Odontologica Scandinavica, 2021, 79, 212-217.	0.9	2
117	Cyclosporine A impairs bone repair in critical defects filled with different osteoconductive bone substitutes. Brazilian Oral Research, 2020, 34, e007.	0.6	2
118	Pharyngeal airway space cephalometric evaluation in transverse maxillary deficient patients after SARME. Brazilian Journal of Oral Sciences, 2014, 13, 288-291.	0.1	1
119	Evaluation of Daytime Sleepiness and Academic Performance in Dentistry Students. European Journal of General Dentistry, 2021, 10, 037-043.	0.1	1
120	Sella Turcica Area and Location of Point Sella in Cephalograms Acquired with Simulated Patient Head Movements. Journal of Contemporary Dental Practice, 2021, 22, 207-214.	0.2	1
121	Objective assessment of the combined effect of exomass-related- and motion artefacts in cone beam CT. Dentomaxillofacial Radiology, 2021, 50, 20200255.	1.3	1
122	Sella Turcica Area and Location of Point Sella in Cephalograms Acquired with Simulated Patient Head Movements. Journal of Contemporary Dental Practice, 2021, 22, 207-214.	0.2	1
123	Is There a Difference in the Resonance Frequency Values Obtained Directly on the Implants and Abutments?. International Journal of Odontostomatology, 2015, 9, 483-487.	0.0	0
124	Effect of section thickness on cone beam computed tomographyâ€based measurements of intrabony defects compared with clinical measurements. Journal of Periodontology, 2021, 92, 670-677.	1.7	0